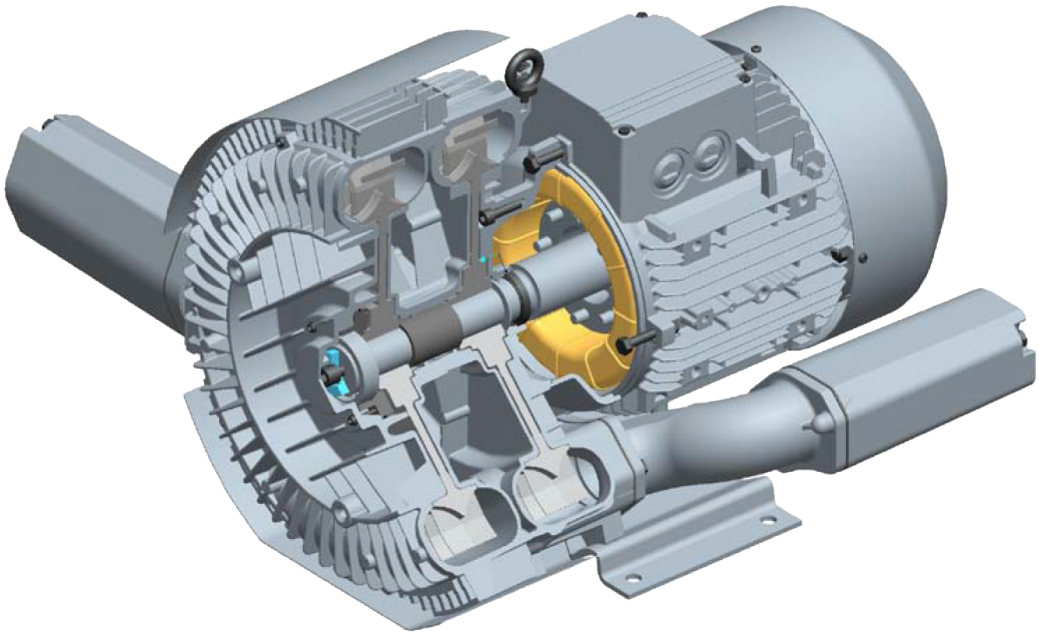
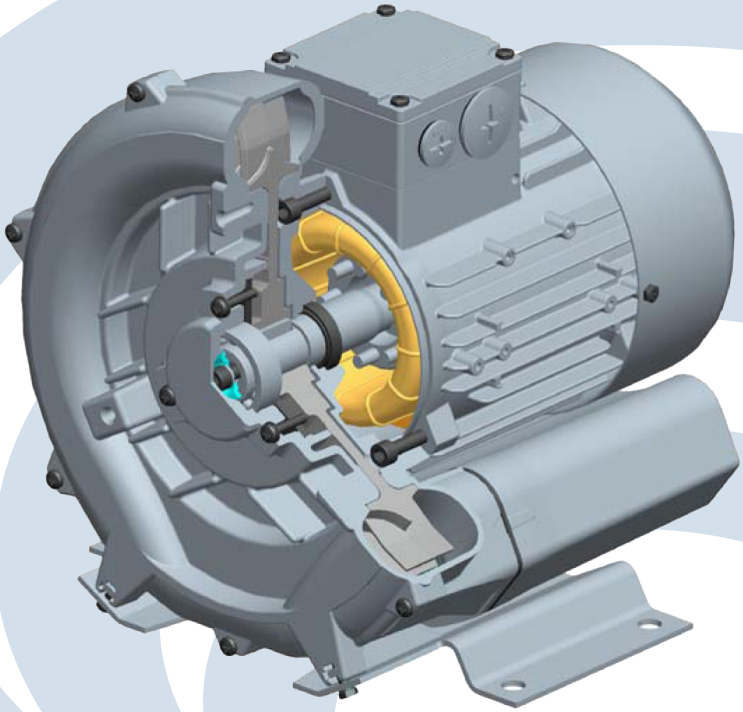
Eurovacuum

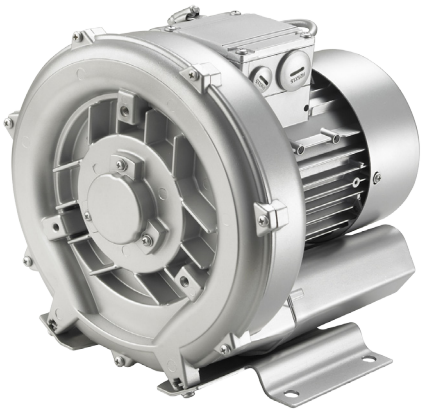
SIDE CHANNEL VACUUM PUMP COMPRESSORS





Eurovacuum

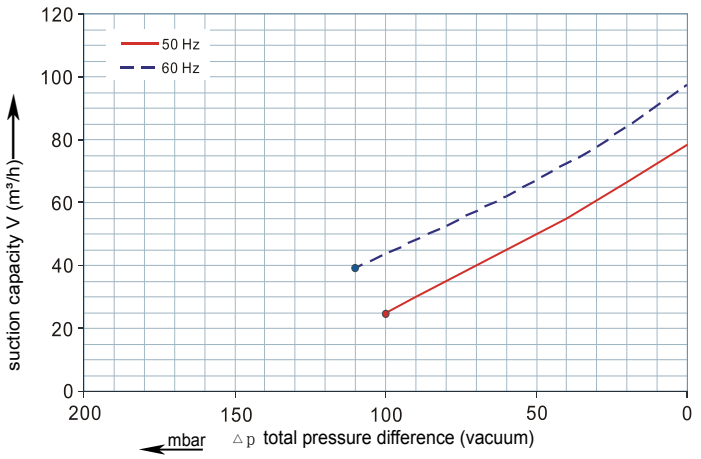
Eurovacuum



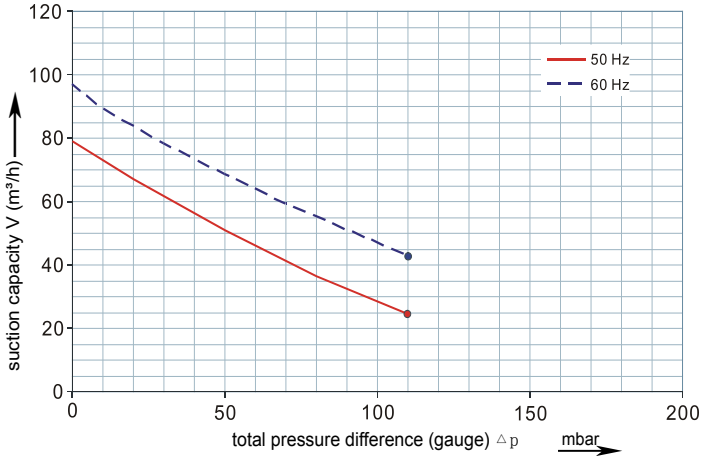
Single stage side channel vacuum pump / compressor

EVSC-S20A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-S20A3

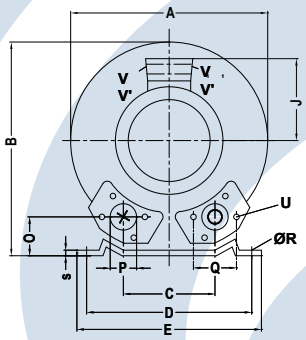
			50 Hz	60 Hz
Motor power		kW	0,25	0,29
Maximum airflow		m³/h	80	98
Ultimate pressure		mbar	+110	+110
Ultimate vacuum		mbar	-100	-110
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	2,1	2,0
Input current Y		A	1,2	1,15
Noise level		dB(A)	53	56
Weight		kg	9	9
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

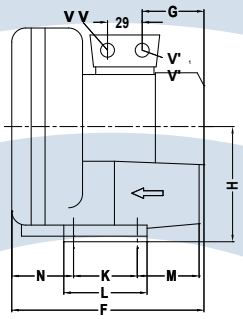
Ordering Information TYPE EVSC-S20A3

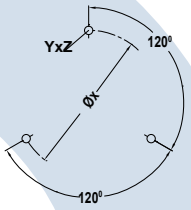
EVSC-S23A3	3ph AC	141320
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

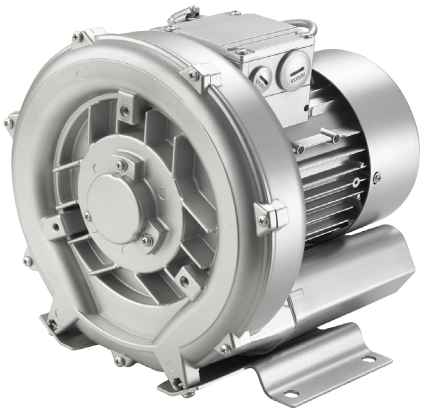






Type	Phases																							X-Bohrungen X-Holes	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	$V_{(1-)}$	$V_{(1-)}$	$V_{(3-)}$	$V'_{(3-)}$	YxZ		ØX
EVSC-S20A3	3~	246	247	90	205	230	219	92	128	101	83	108	75	71	39	G1¼(15tief-deep)	64	10	2.5	M6x17	-	-	M25x1.5	M16x1.5	M6x15	0°/120°/240°	140

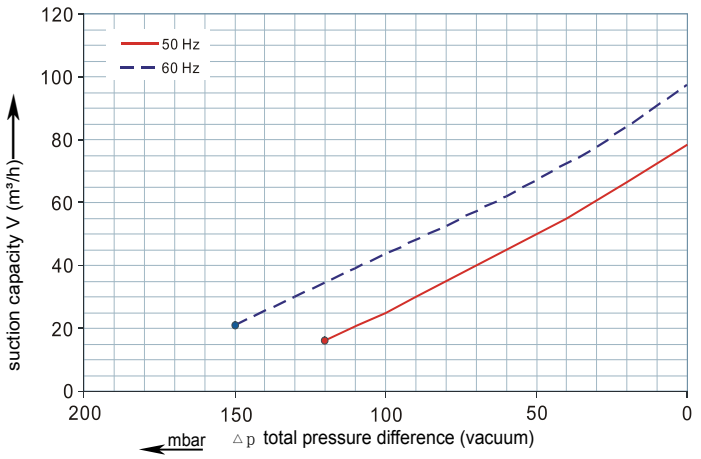
Eurovacuum



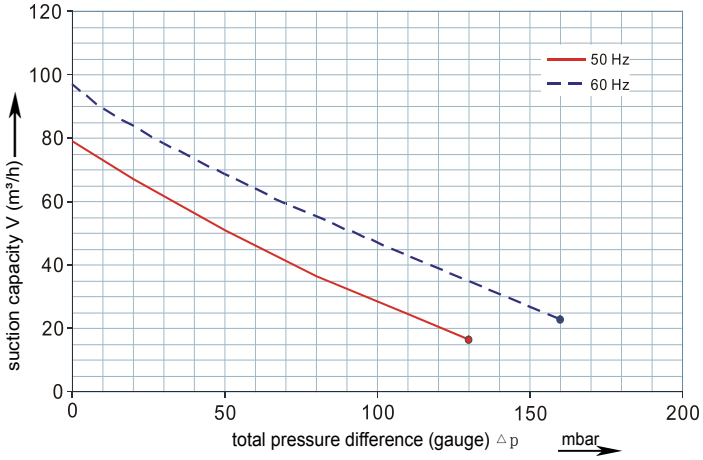
Single stage side channel vacuum pump / compressor

EVSC-S21A1

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-S21A1

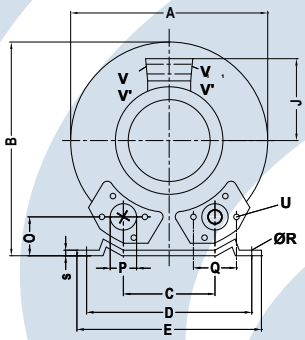
			50 Hz	60 Hz
Motor power		kW	0,37	0,45
Maximum airflow		m³/h	80	96
Ultimate pressure		mbar	+110	+140
Ultimate vacuum		mbar	-110	-130
Input voltage		V	230	230
Input current		A	2,7	3,0
Noise level		dB(A)	53	56
Weight		kg	11	11
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

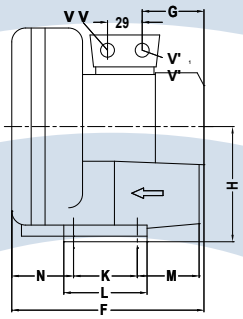
Ordering Information TYPE EVSC-S21A1

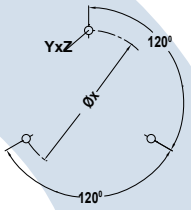
EVSC-S21A1	1ph AC	141121
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

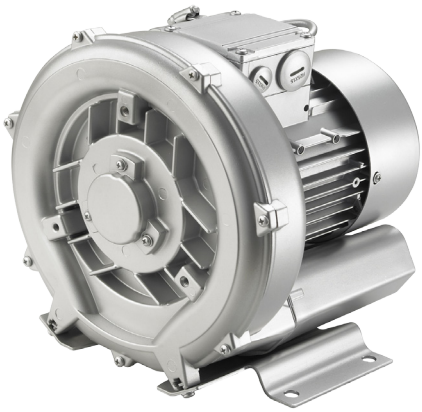






Type	Phases																							X-Bohrungen X-Holes	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	$V_{(1\sim)}$	$V'_{(1\sim)}$	$V_{(3\sim)}$	$V'_{(3\sim)}$	YxZ	ØX
EVSC-S20A1	1~	246	247	90	205	230	256	135	128	111	83	108	75	71	39	G1¼(15tief-deep)	64	10	2.5	M6x17	M16x1.5	M25x1.5	-	-	M6x15	0°/120°/240°	140

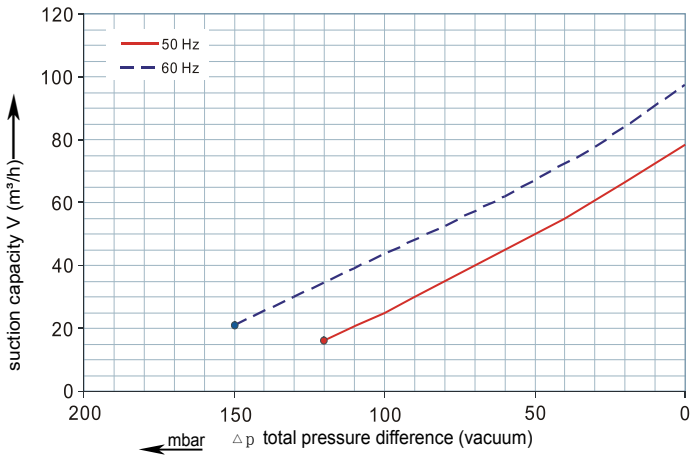
Eurovacuum



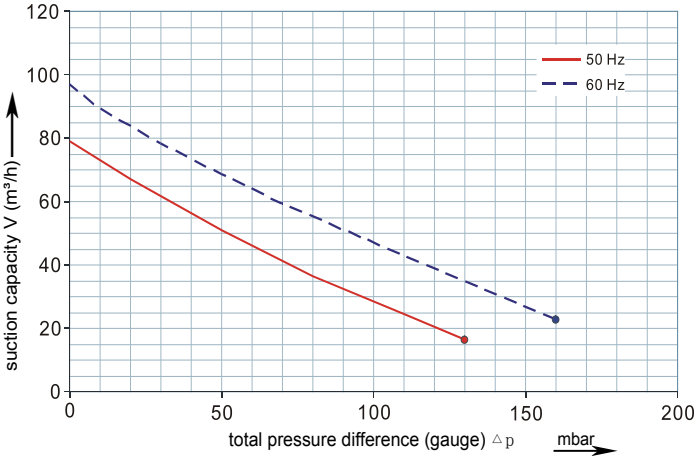
Single stage side channel vacuum pump / compressor

EVSC-S21A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-S21A3

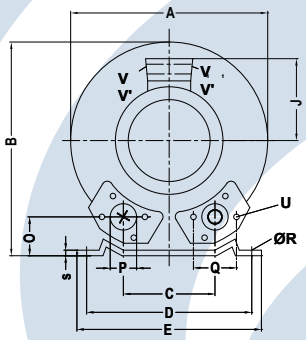
			50 Hz	60 Hz
Motor power		kW	0,4	0,5
Maximum airflow		m³/h	80	98
Ultimate pressure		mbar	+130	+160
Ultimate vacuum		mbar	-120	-150
Input voltage 3 phase Δ		V	200-240	345-415
Input voltage 3 phase Y		V	220/275	380-480
Input current Δ		A	2,6	2,6
Input current Y		A	1,5	1,5
Noise level		dB(A)	53	56
Weight		kg	10	10
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

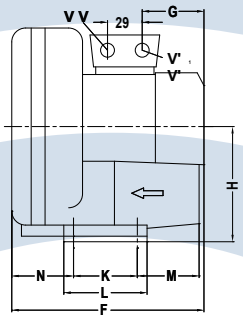
Ordering Information TYPE EVSC-S21A3

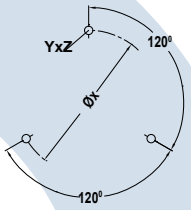
EVSC-S21A3	50/60 Hz	141321
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010







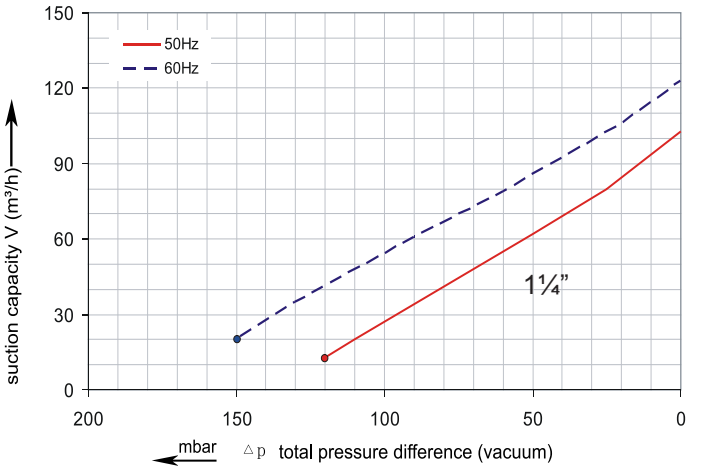
Type	Phases																							X-Bohrungen X-Holes	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	$V_{(1-)}$	$V'_{(1-)}$	$V_{(3-)}$	$V'_{(3-)}$	YxZ		ØX
EVSC-S21A3	3~	246	247	90	205	230	256	135	128	111	83	108	75	71	39	G1¼(15tief-deep)	64	10	2.5	M6x17	-	-	M25x1.5	M16x1.5	M6x15	0°/120°/240°	140

Eurovacuum

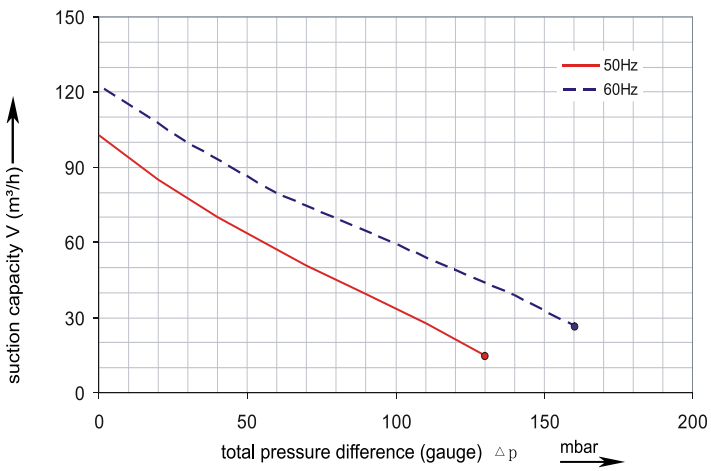


Single stage side channel vacuum pump / compressor
EVSC-S23A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-S23A3

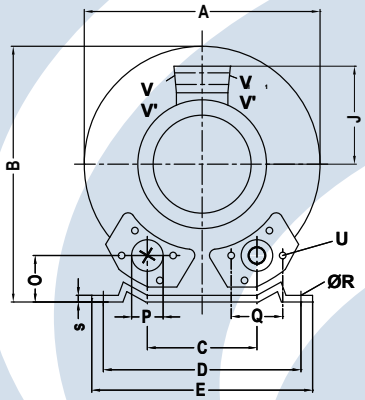
			50 Hz	60 Hz
Motor power		kW	0,4	0,5
Maximum airflow		m³/h	105	120
Ultimate pressure		mbar	+130	+160
Ultimate vacuum		mbar	-120	-150
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	2,6	2,6
Input current Y		A	1,5	1,5
Noise level		dB(A)	54	57
Weight		kg	11	11
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

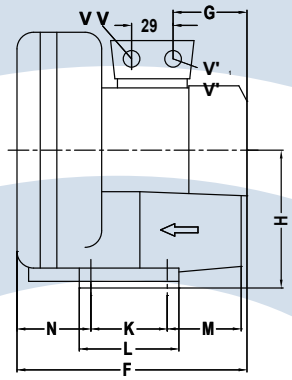
Ordering Information TYPE EVSC-S23A3

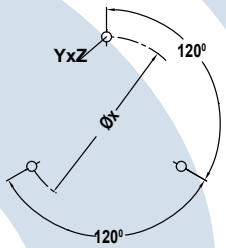
EVSC-S23A3	3ph AC	141322
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010







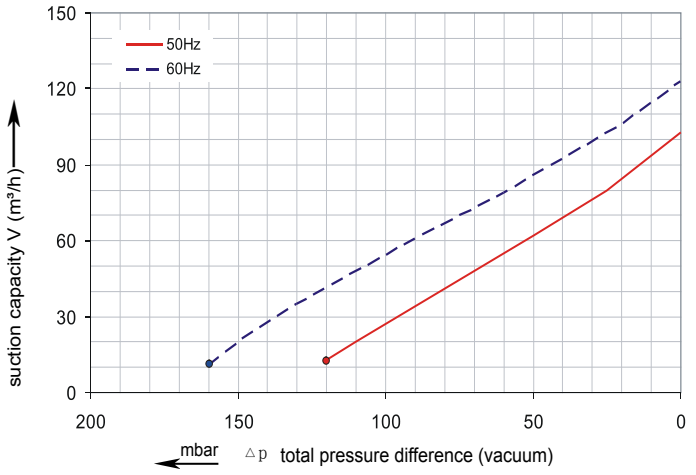
Type	Phases																							X-Bohrungen X-Holes	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	$V_{(1-)}$	$V_{(1-)}$	$V_{1(3-)}$	$V'_{1(3-)}$	YxZ		ØX
EVSC-S23A3	3~	246	247	90	205	230	267	138	128	111	83	108	75	82	39	G1¼(15tief-deep)	64	10	2.5	M6x17	-	-	M25x1.5	M16x1.5	M6x15	0°/120°/240°	140

Eurovacuum

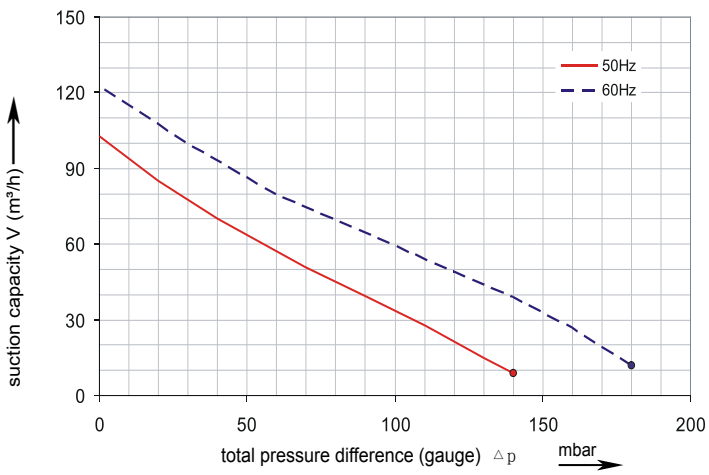


Single stage side channel vacuum pump / compressor
EVSC-S24A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-S24A3

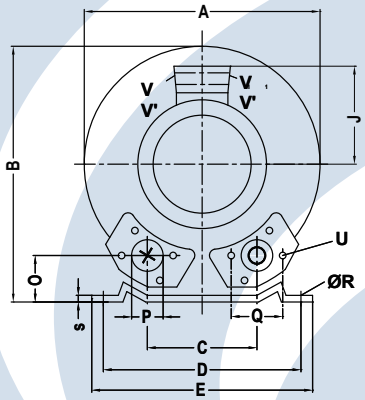
			50 Hz	60 Hz
Motor power		kW	0,7	0,83
Maximum airflow		m³/h	105	120
Ultimate pressure		mbar	+140	+180
Ultimate vacuum		mbar	-120	-160
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	3,8	3,75
Input current Y		A	2,2	2,15
Noise level		dB(A)	54	57
Weight		kg	12	12
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

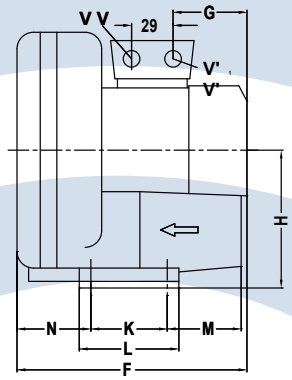
Ordering Information TYPE EVSC-S24A3

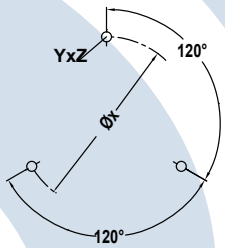
EVSC-S24A3	3ph AC	141323
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

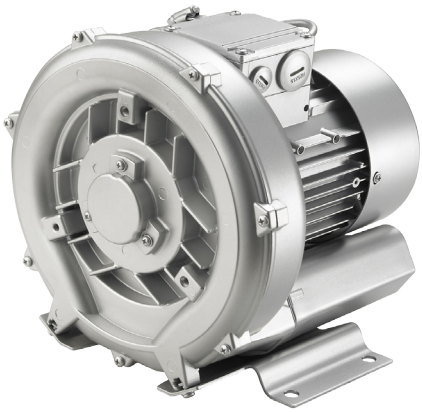






Type	Phases																							X-Bohrungen X-Holes	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	$V_{(1-)}$	$V_{(1-)}$	$V_{1(3-)}$	$V'_{1(3-)}$	YxZ		ØX
EVSC-S24A3	3~	246	247	90	205	230	267	135	128	111	83	108	75	82	39	G1¼(15tief-deep)	64	10	2.5	M6x17	-	-	M25x1.5	M16x1.5	M6x15	0°/120°/240°	140

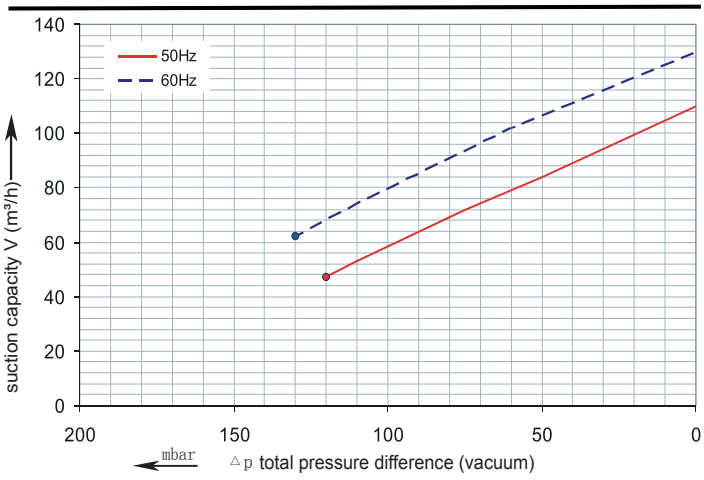
Eurovacuum



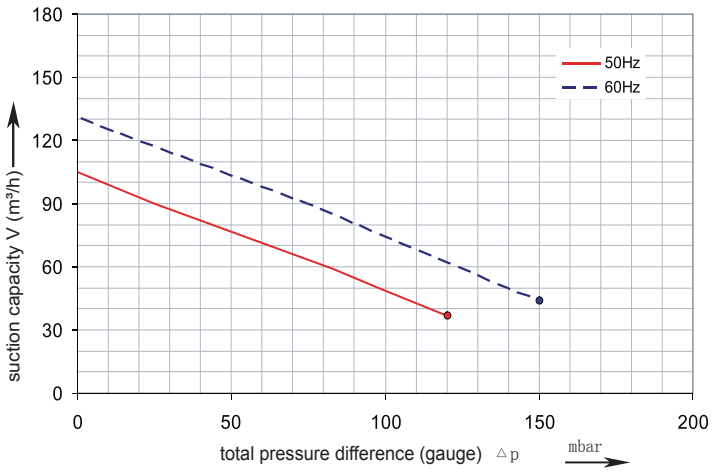
Single stage side channel vacuum pump / compressor

EVSC-S30A1

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-S30A1

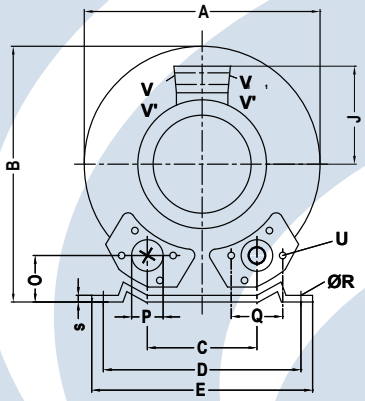
			50 Hz	60 Hz
Motor power		kW	0,55	0,62
Maximum airflow		m³/h	100	120
Ultimate pressure		mbar	+120	+150
Ultimate vacuum		mbar	-120	-130
Input voltage		V	230	230
Input current		A	3,7	4,5
Noise level		dB(A)	55	57
Weight		kg	13	13
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

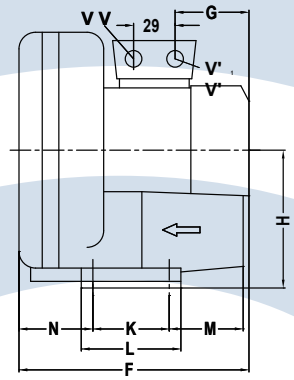
Ordering Information TYPE EVSC-S30A1

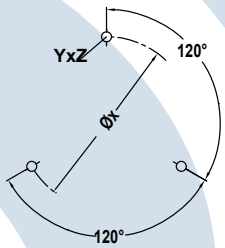
EVSC-S30A1	1ph AC	141130
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

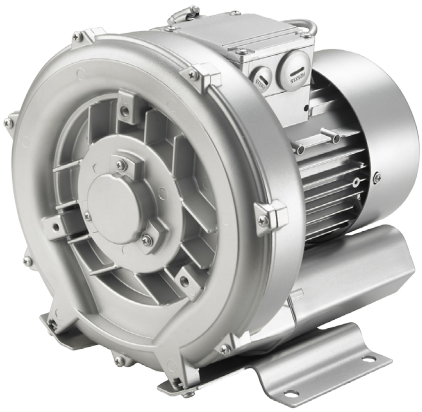






Type	Phases																							X-Bohrungen X-Holes	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	$V_{(1-)}$	$V_{(1-)}$	$V_{1(3-)}$	$V_{1(3-)}$	YxZ		ØX
EVSC-S30A1	1~	268	272	93	205	230	260	135	141	111	83	108	82	69	41	G1¼(15tief-deep)	64	10	2.5	M6x17	M25x1.5	M16x1.5	-	-	M6x15	0°/120°/240°	140

Eurovacuum

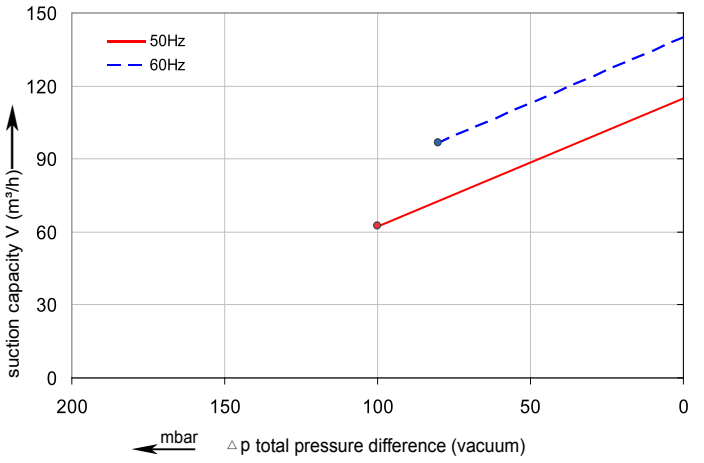


Single stage side channel vacuum pump / compressor

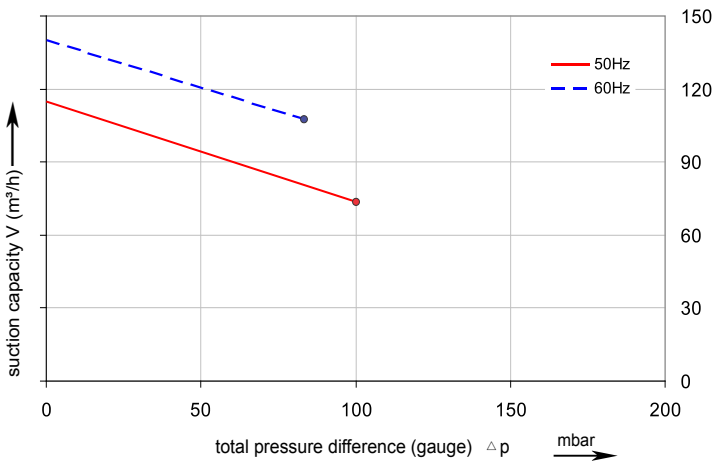
EVSC-S30B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S30B3

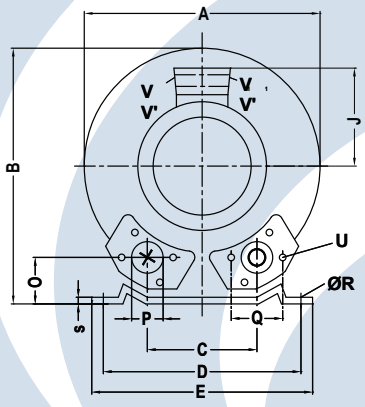
			50 Hz	60 Hz
Motor power		kW	0,55	0,63
Maximum airflow		m³/h	115	140
Ultimate pressure		mbar	+100	+80
Ultimate vacuum		mbar	-100	-80
Input voltage 3 phase Δ		V	200-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	2,7	2,86
Input current Y		A	1,57	1,65
Noise level		dB(A)	63	64
Weight		kg	13	13
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

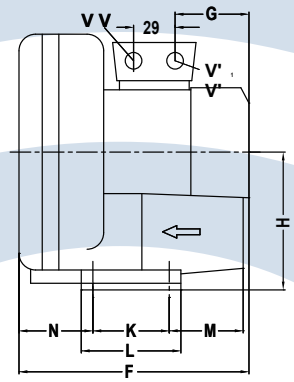
Ordering Information — TYPE EVSC-S30B3

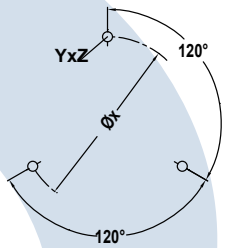
EVSC-S30B3	3ph AC	141330
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

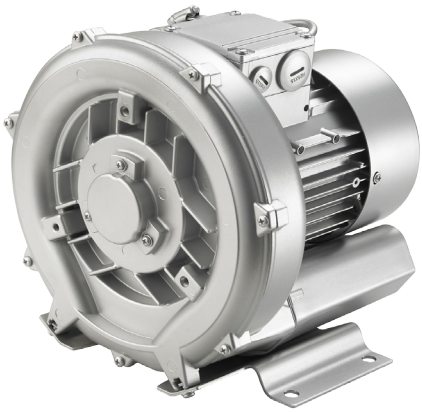






Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V₁	V'₁	YxZ	X-Holes	ØX
EVSC-S30B3	3~	268	272	93	205	230	260	135	141	111	83	108	82	69	41	G1¼	64	10	2.5	M6x17	M25x1.5	M16x1.5	-	-	M6x19	0°/120°/240°	160

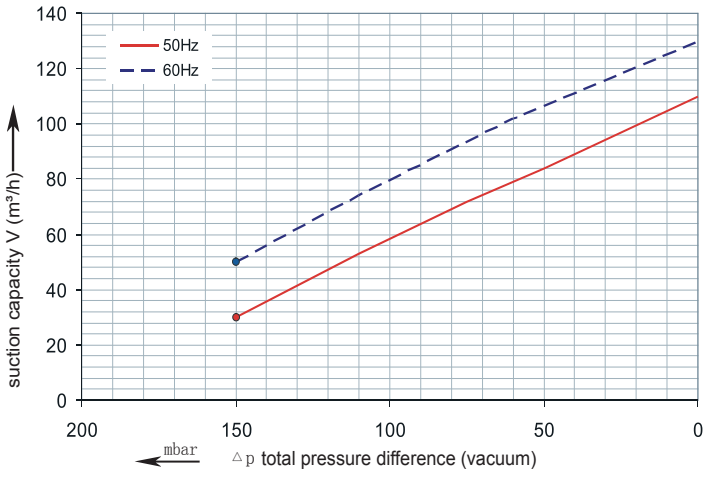
Eurovacuum



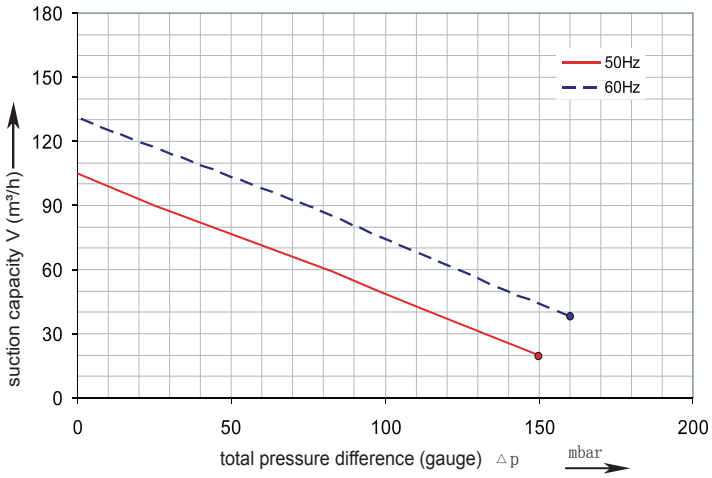
Single stage side channel vacuum pump / compressor

EVSC-S31A1

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-S31A1

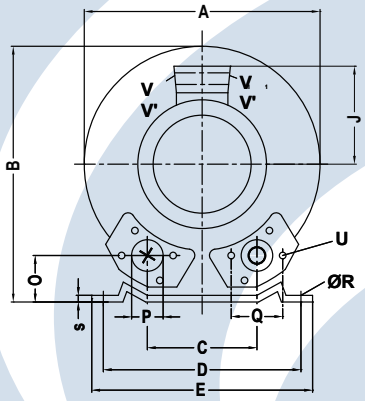
			50 Hz	60 Hz
Motor power		kW	0,7	0,8
Maximum airflow		m³/h	100	120
Ultimate pressure		mbar	+150	+160
Ultimate vacuum		mbar	-150	-150
Input voltage		V	230	230
Input current		A	4,8	4,1
Noise level		dB(A)	55	57
Weight		kg	14	14
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

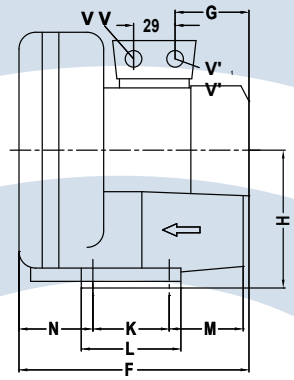
Ordering Information TYPE EVSC-S31A1

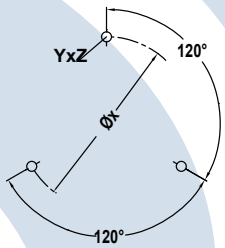
EVSC-S31A1	3ph AC	141131
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

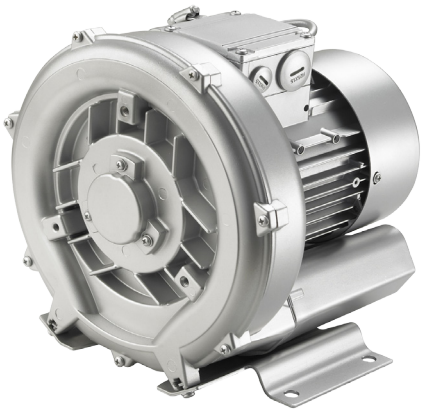






Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V(1-)	V(1-)	V(3-)	V(3-)	YxZ	X-Bohrungen X-Holes	ØX
141131	1~	268	272	93	205	230	260	135	141	111	83	108	82	69	41	G1¼(15tief-deep)	64	10	2.5	M6x17	M25x1.5	M16x1.5	-	-	M6x15	0°/120°/240°	140

Eurovacuum

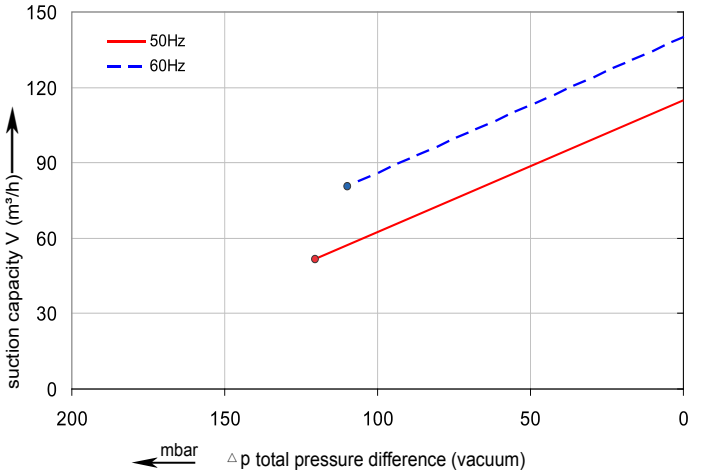


Single stage side channel vacuum pump / compressor

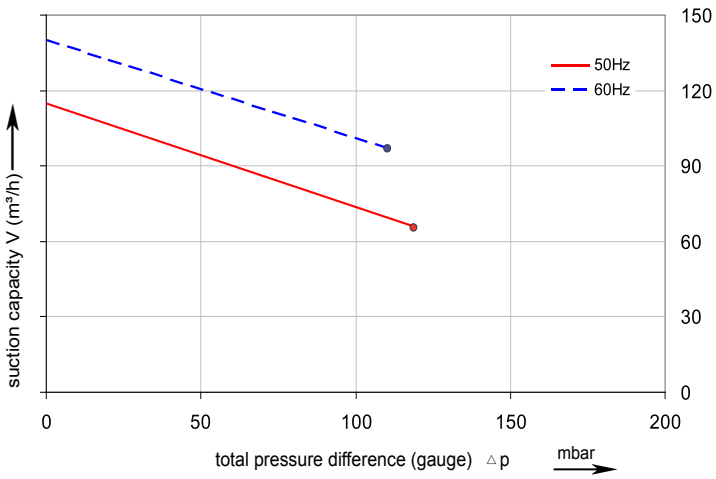
EVSC-S31B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S31B3

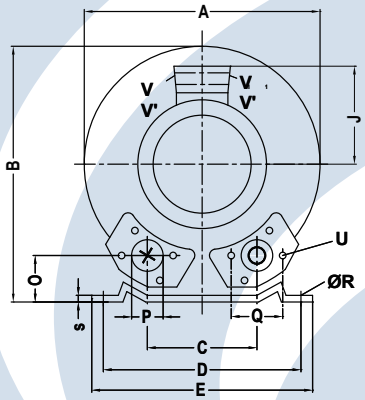
			50 Hz	60 Hz
Motor power		kW	0,75	0,86
Maximum airflow		m³/h	115	140
Ultimate pressure		mbar	+120	+110
Ultimate vacuum		mbar	-120	-110
Input voltage 3 phase Δ		V	200-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	3,12	3,1
Input current Y		A	1,8	1,9
Noise level		dB(A)	63	64
Weight		kg	15	15
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

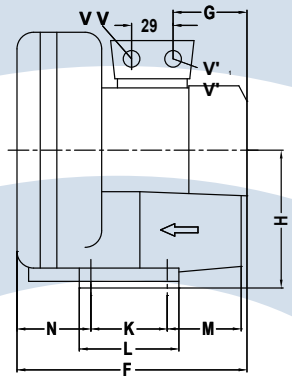
Ordering Information — TYPE EVSC-S31B3

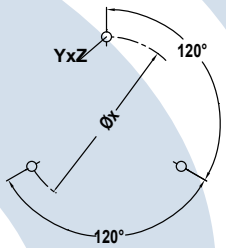
EVSC-S31B3	3ph AC	141331
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

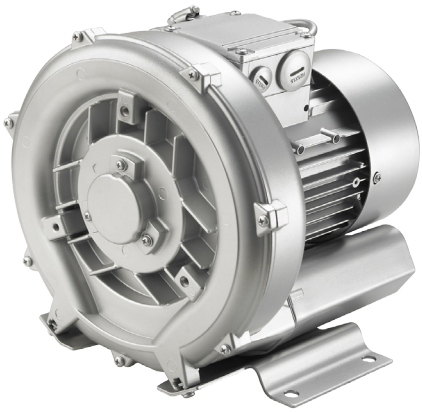






Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	0	P	Q	ØR	S	U	V	V'	V₁	V'₁	YxZ	X-Holes	ØX
EVSC-S31B3	3~	268	272	93	205	230	285	160	141	120	83	108	82	69	41	G1¼	64	10	2.5	M6x17	M25x1.5	M16x1.5	-	-	M6x19	0°/120°/240°	160

Eurovacuum

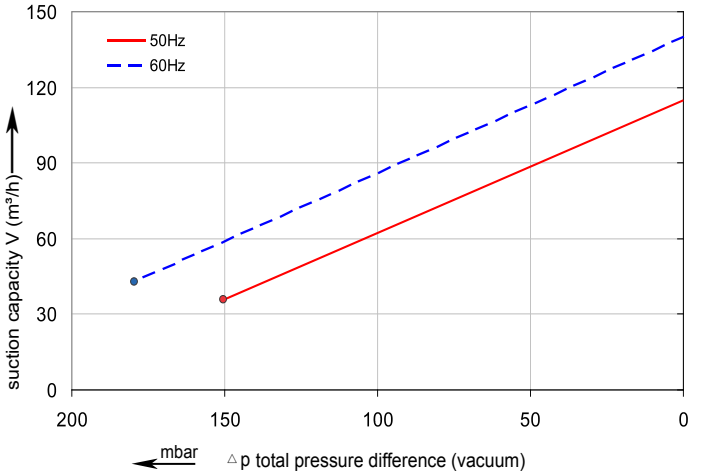


Single stage side channel vacuum pump / compressor

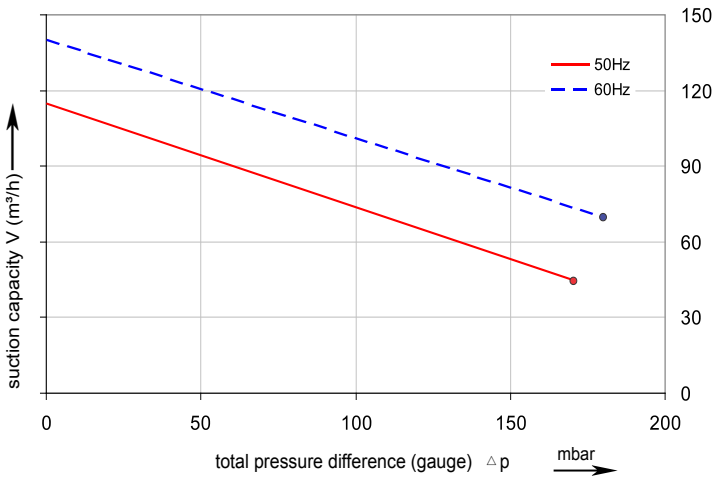
EVSC-S34B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S34B3

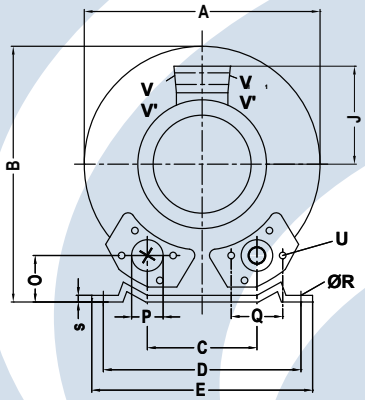
			50 Hz	60 Hz
Motor power		kW	1,1	1,3
Maximum airflow		m³/h	115	140
Ultimate pressure		mbar	+170	+180
Ultimate vacuum		mbar	-150	-180
Input voltage 3 phase Δ		V	200-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	4,35	3,1
Input current Y		A	2,5	2,6
Noise level		dB(A)	63	64
Weight		kg	16	16
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

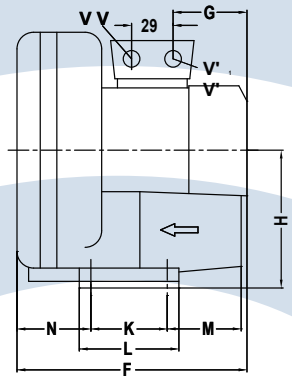
Ordering Information — TYPE EVSC-S34B3

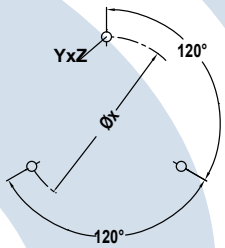
EVSC-S34B3	3ph AC	141334
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

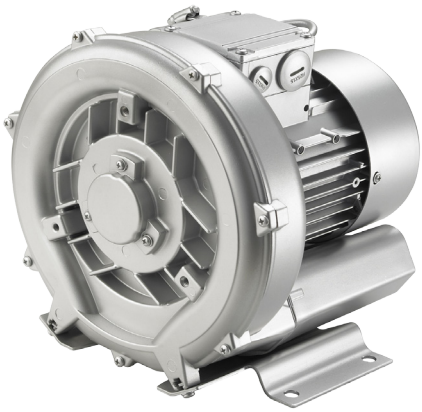






Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	0	P	Q	ØR	S	U	V	V'	V'1	YxZ	X-Holes	ØX
EVSC-S34B3	3~	268	272	93	205	230	260	160	141	120	83	108	82	69	41	G1¼	64	10	2.5	M6x17	M25x1.5	M16x1.5	-	-	M6x19	0°/120°/240°	160

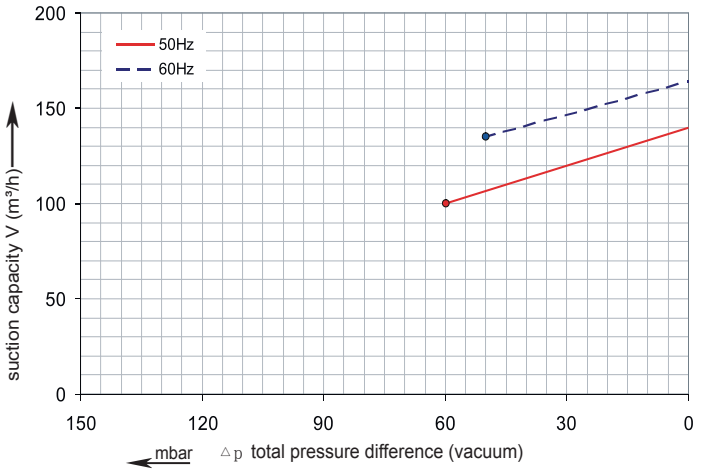
Eurovacuum



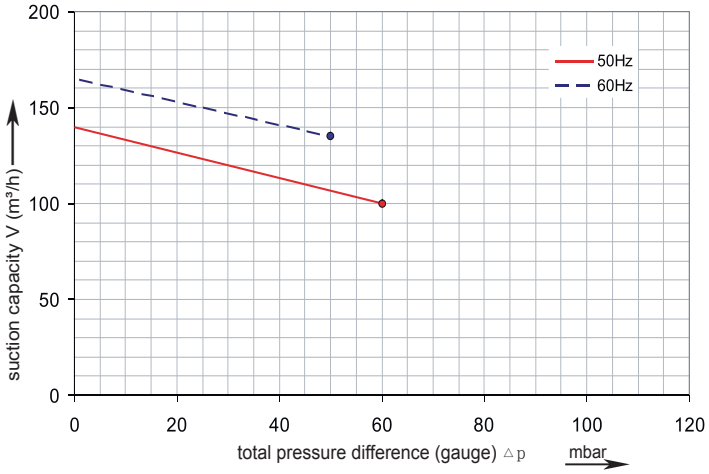
Single stage side channel vacuum pump / compressor

EVSC-S32A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-S32A3

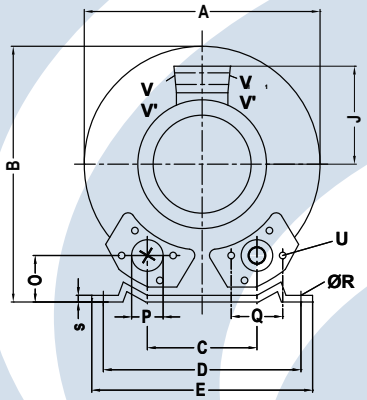
			50 Hz	60 Hz
Motor power		kW	0,55	0,63
Maximum airflow		m³/h	140	165
Ultimate pressure		mbar	+60	+50
Ultimate vacuum		mbar	-60	-50
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	2,8	3,0
Input current Y		A	1,6	1,7
Noise level		dB(A)	56	58
Weight		kg	12	12
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

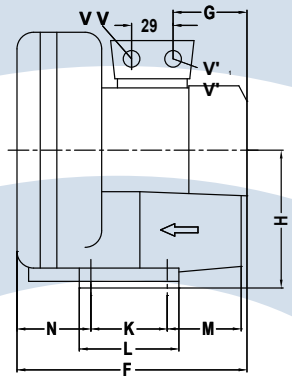
Ordering Information TYPE EVSC-S32A3

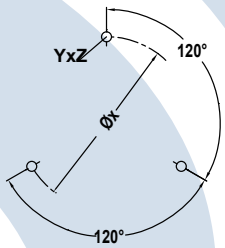
EVSC-S32A3	3ph AC	141332
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

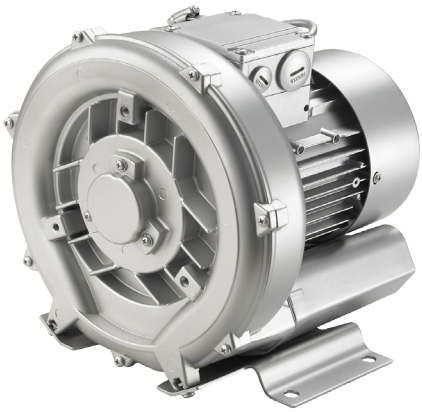






Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	$V_{(1-)}$	$V_{(1-)}$	$V_{(3-)}$	$V_{(3-)}$	YxZ	X-Bohrungen X-Holes	ØX
EVSC-S32A3	3~	268	272	93	205	230	276	135	141	111	83	108	82	85	41	G1¼(15tief-deep)	64	10	2.5	M6x17	-	-	M25x1.5	M16x1.5	M6x15	0°/120°/240°	160

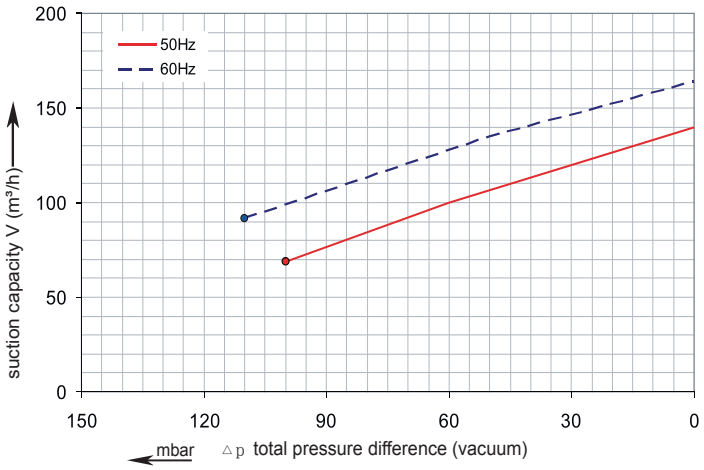
Eurovacuum



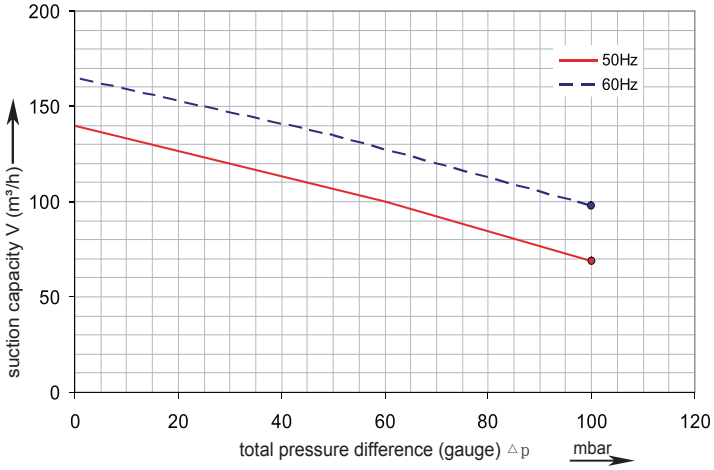
Single stage side channel vacuum pump / compressor

EVSC-S33A1

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-S33A1

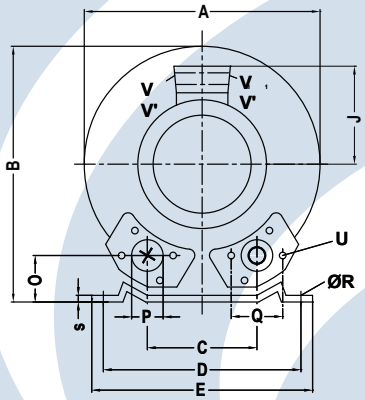
			50 Hz	60 Hz
Motor power		kW	0,7	0,8
Maximum airflow		m³/h	145	165
Ultimate pressure		mbar	+100	+100
Ultimate vacuum		mbar	-100	-110
Input voltage		V	230	230
Input current		A	4,8	4,1
Noise level		dB(A)	56	58
Weight		kg	14	14
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

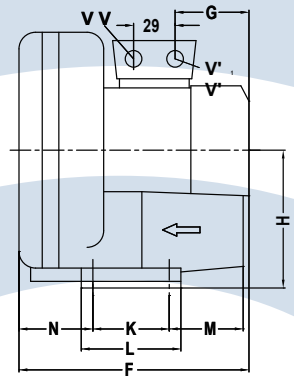
Ordering Information TYPE EVSC-S33A1

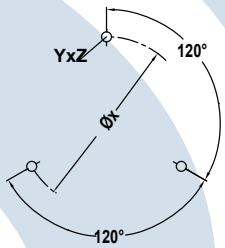
EVSC-S33A1	1ph AC	141133
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

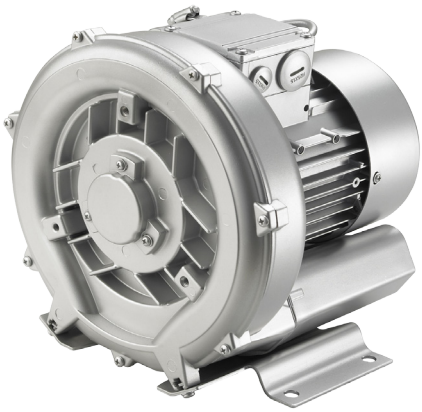






Type	Phases																							X-Bohrungen X-Holes	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	$V_{(1-)}$	$V_{(1-)}$	$V_{(3-)}$	$V'_{(3-)}$	YxZ		ØX
EVSC-S33A1	3~	268	272	93	205	230	276	135	141	111	83	108	85	69	41	G1¼(15tief-deep)	64	10	2.5	M6x17	M25x1.5	M16x1.5			M6x15	0°/120°/240°	140

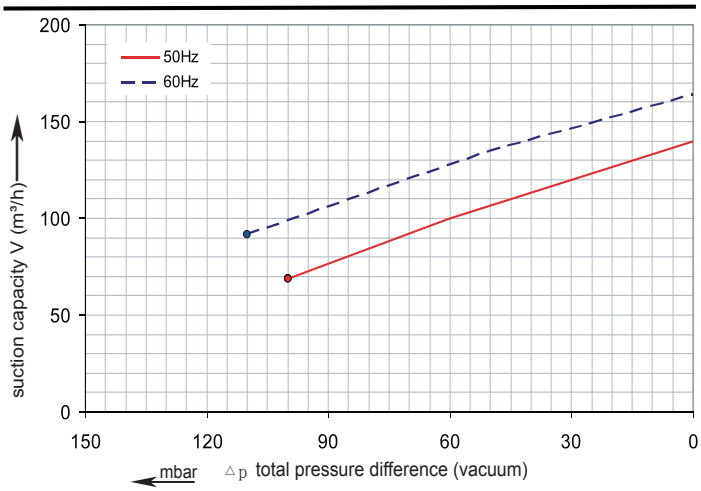
Eurovacuum



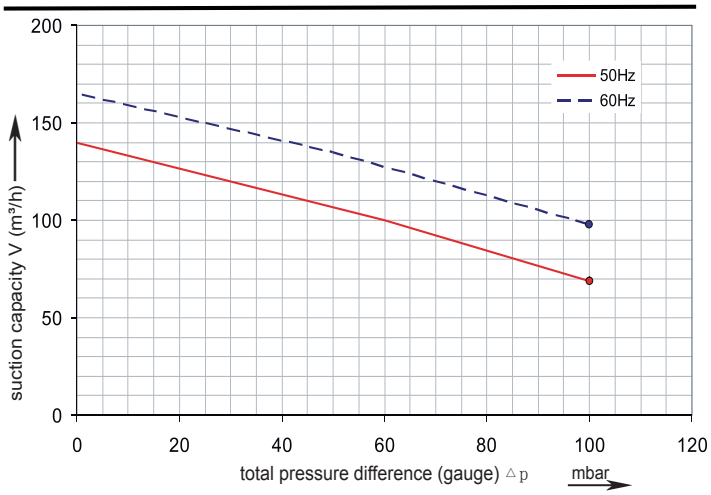
Single stage side channel vacuum pump / compressor

EVSC-S33A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S33A3

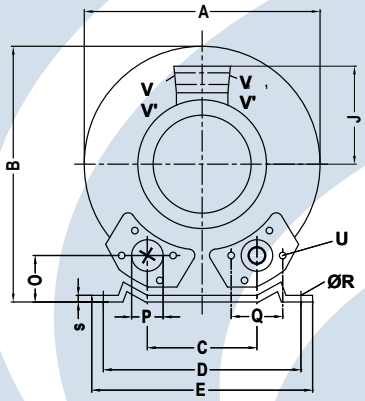
			50 Hz	60 Hz
Motor power		kW	0.75	0.83
Maximum airflow		m³/h	140	165
Ultimate pressure		mbar	+100	+100
Ultimate vacuum		mbar	-100	-115
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	3,8	3,8
Input current Y		A	2,2	2,2
Noise level		dB(A)	56	58
Weight		kg	13	13
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

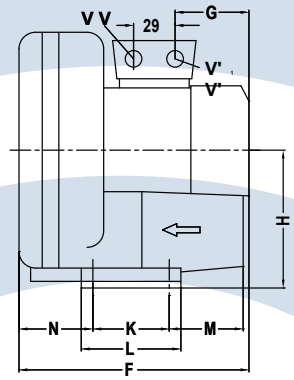
Ordering Information — TYPE EVSC-S33A3

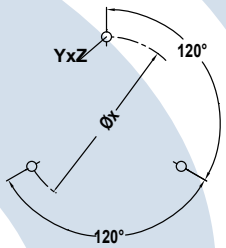
EVSC-S33A3	3ph AC	141333
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

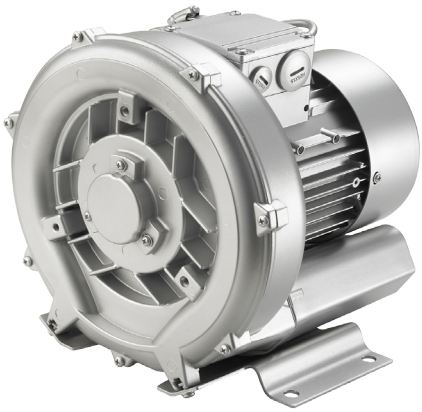






Type	Phases																								X-Bohrungen X-Holes	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	$V_{(1\sim)}$	$V'_{(1\sim)}$	$V_{(3\sim)}$	$V'_{(3\sim)}$	YxZ	ØX
EVSC-S33A3	1~	268	272	93	205	230	276	135	141	111	83	108	82	85	41	G1¼(15tief-deep)	64	10	2.5	M6x17			M25x1.5	M16x1.5	M6x15	0°/120°/240°	160

Eurovacuum

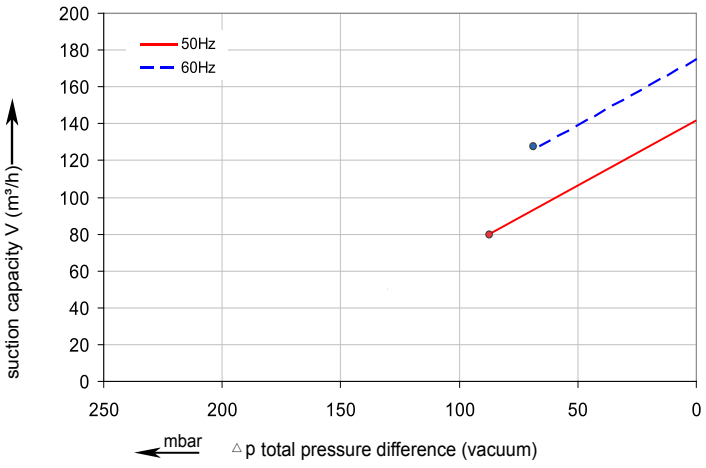


Single stage side channel vacuum pump / compressor

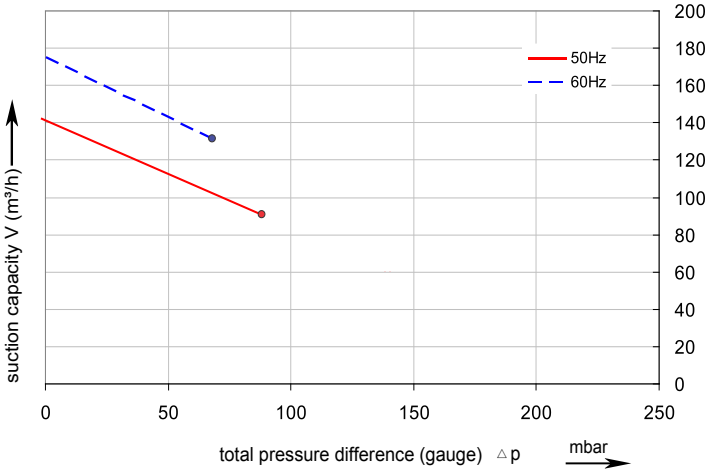
EVSC-S40B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S40B3

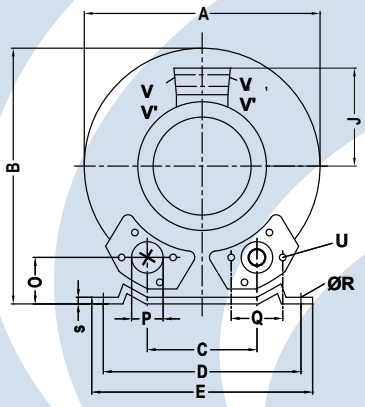
			50 Hz	60 Hz
Motor power		kW	0,55	0,63
Maximum airflow		m³/h	145	175
Ultimate pressure		mbar	+90	+90
Ultimate vacuum		mbar	-90	+70
Input voltage 3 phase Δ		V	200-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	2,7	2,86
Input current Y		A	1,57	1,65
Noise level		dB(A)	63	64
Weight		kg	13	13
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

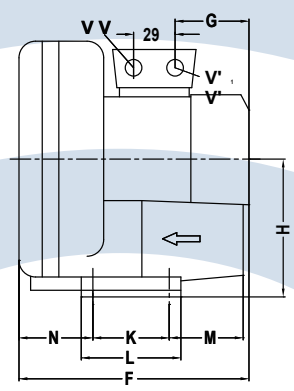
Ordering Information — TYPE EVSC-S40B3

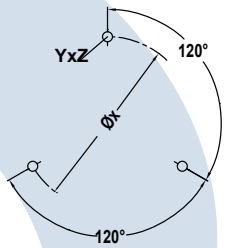
EVSC-S40B3	3ph AC	141340
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

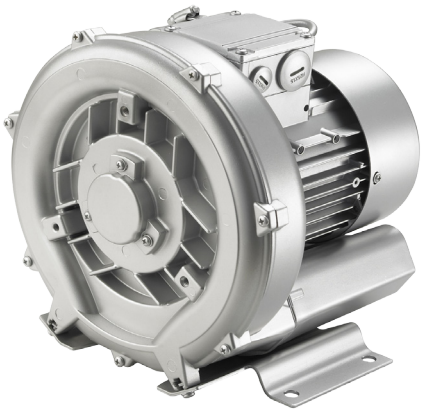






Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	0	P	Q	ØR	S	U	V	V'	V1	V'1	YxZ	X-Holes	ØX
EVSC-S40A3	3~	286	302	115	225	255	269	135	154	111	95	130	70	75	45	G1¼	72	12	3	M6x19	M25x1.5	M16x1.5	-	-	M6x19	0°/120°/240°	174

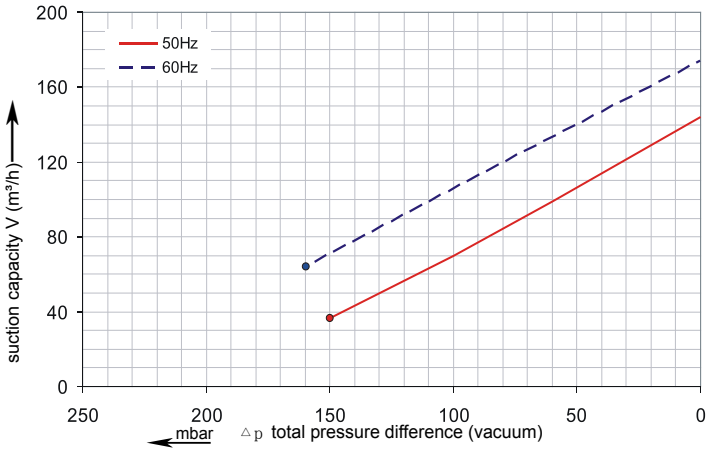
Eurovacuum



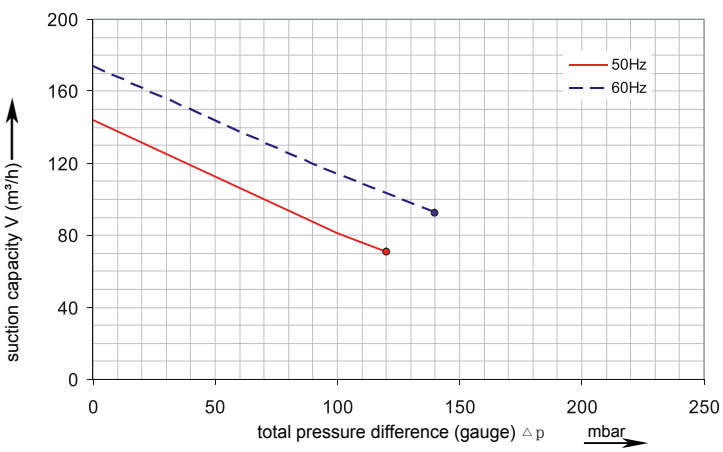
Single stage side channel vacuum pump / compressor

EVSC-S41A1

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-S41A1

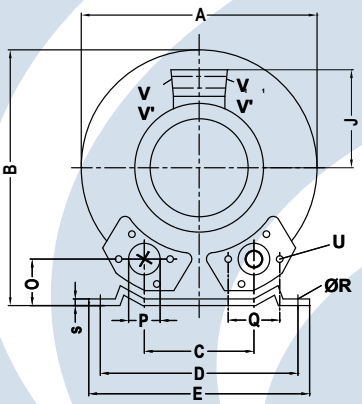
			50 Hz	60 Hz
Motor power		kW	0,8	0,9
Maximum airflow		m³/h	145	175
Ultimate pressure		mbar	+160	+140
Ultimate vacuum		mbar	-150	-160
Input voltage		V	230	230
Input current		A	5,2	5,8
Noise level		dB(A)	63	64
Weight		kg	15	15
Connection	inlet	G(BSP)	1½”	1½”
	outlet	G(BSP)	1½”	1½”

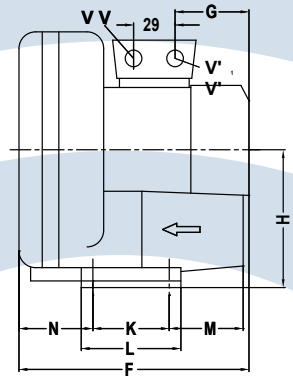
Ordering Information TYPE EVSC-S41A1

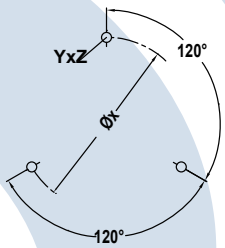
EVSC-S41A1	1ph AC	141141
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	602025
Compressor suction filter	140025
Set of feet for horizontal positioning	140010

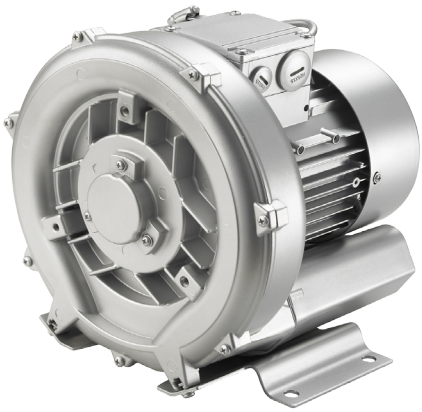






Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	$V_{(1-)}$	$V_{(1-)}$	$V_{(3-)}$	$V_{(3-)}$	YxZ	X-Bohrungen X-Holes	ØX
EVSC-S42A1	1~	286	302	115	225	255	294	160	154	120	95	130	70	75	46	G1½(15tief-deep)	72	12	3	M6x19	M16x1.5	M25x1.5	-	-	M6x15	0°/120°/240°	174

Eurovacuum

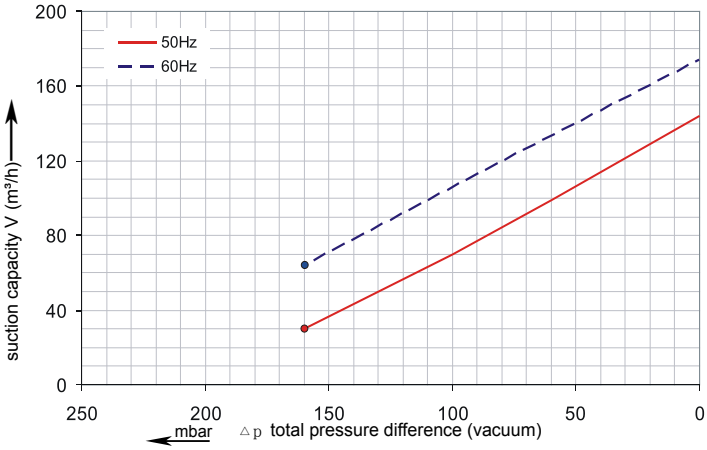


Single stage side channel vacuum pump / compressor

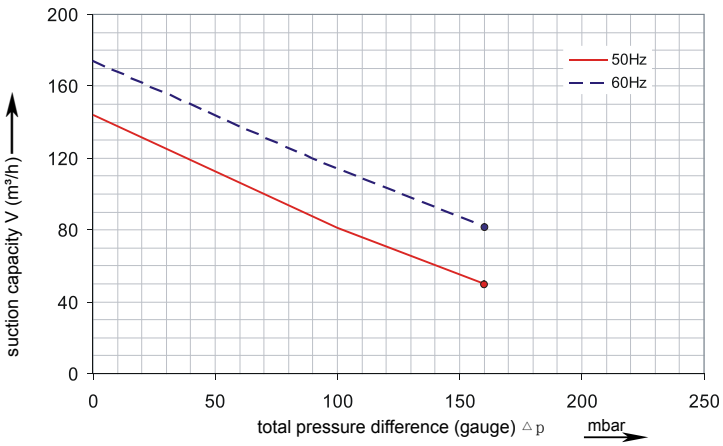
EVSC-S41B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S41B3

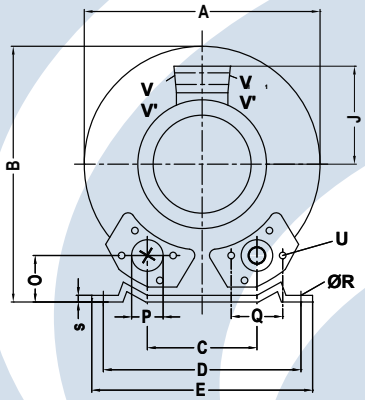
			50 Hz	60 Hz
Motor power		kW	0,75	0,86
Maximum airflow		m³/h	145	175
Ultimate pressure		mbar	+130	+120
Ultimate vacuum		mbar	-130	-120
Input voltage 3 phase Δ		V	200-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	3,12	3,1
Input current Y		A	1,8	1,9
Noise level		dB(A)	63	64
Weight		kg	15	15
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

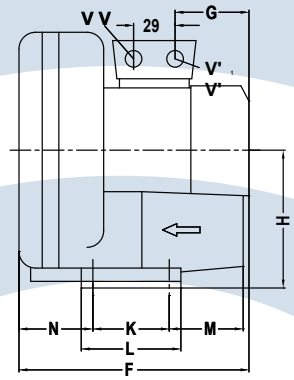
Ordering Information — TYPE EVSC-S41B3

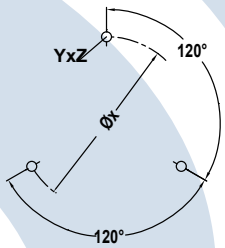
EVSC-S41B3	3ph AC	141341
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

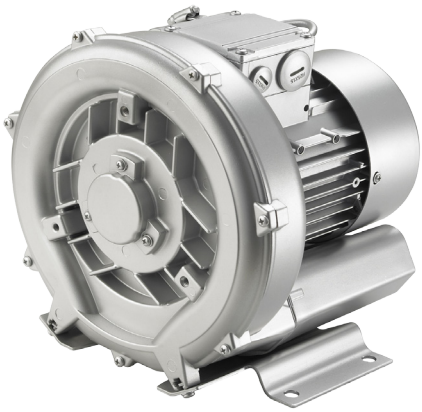






Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	0	P	Q	ØR	S	U	V	V'	V₁	V₁	YxZ	X-Holes	ØX
EVSC-S41B3	3~	286	302	115	225	255	294	160	154	120	95	130	70	75	45	G1¼	72	12	3	M6x19	M25x1.5	M16x1.5	-	-	M6x19	0°/120°/240°	174

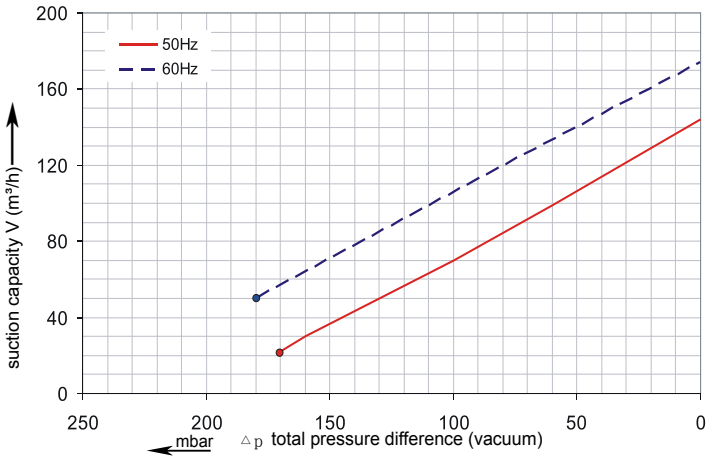
Eurovacuum



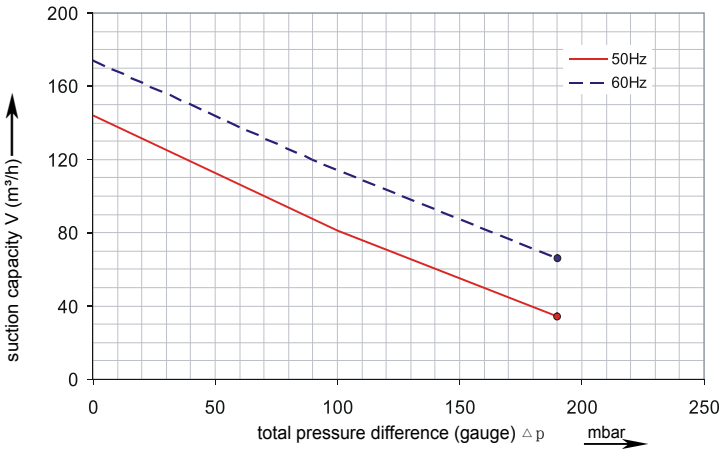
Single stage side channel vacuum pump / compressor

EVSC-S42A1

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-S42A1

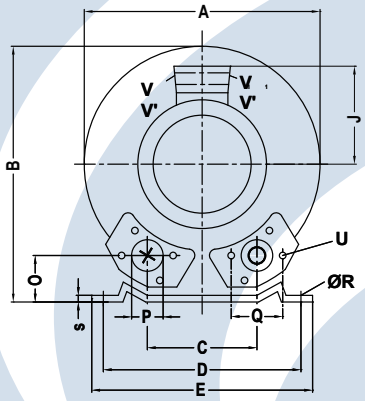
			50 Hz	60 Hz
Motor power		kW	1,1	1,3
Maximum airflow		m³/h	145	175
Ultimate pressure		mbar	+190	+190
Ultimate vacuum		mbar	-170	-180
Input voltage		V	230	230
Input current		A	7,3	8,3
Noise level		dB(A)	63	64
Weight		kg	16	16
Connection	inlet	G(BSP)	1½”	1½”
	outlet	G(BSP)	1½”	1½”

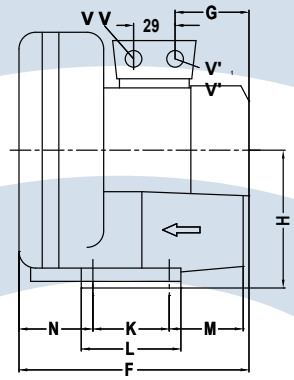
Ordering Information TYPE EVSC-S42A1

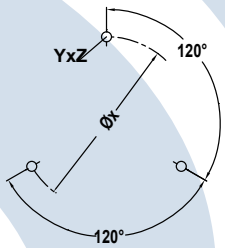
EVSC-S42A1	1ph AC	141142
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	602025
Compressor suction filter	140025
Set of feet for horizontal positioning	140010

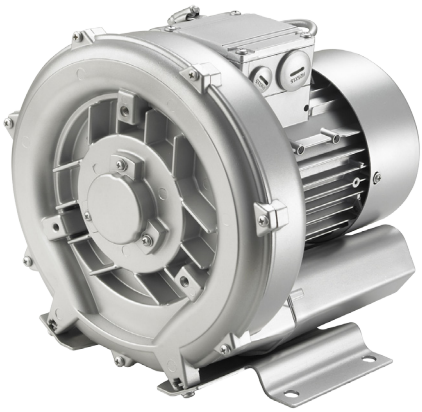






Type	Phases																							X-Bohrungen X-Holes	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	$V_{(1-)}$	$V_{(1-)}$	$V_{(3-)}$	$V_{(3-)}$	YxZ	ØX
EVSC-S42A1	1~	286	302	115	225	255	294	160	154	120	95	130	70	75	46	G1½(15tief-deep)	72	12	3	M6x19	M16x1.5	M25x1.5	-	-	M6x15	0°/120°/240°	174

Eurovacuum

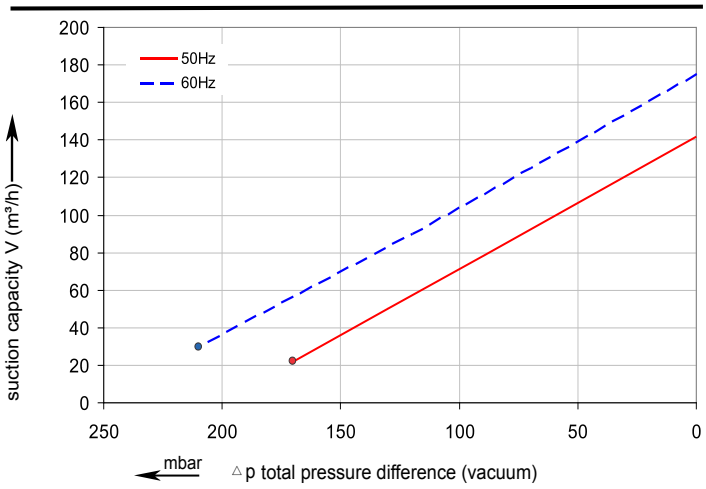


Single stage side channel vacuum pump / compressor

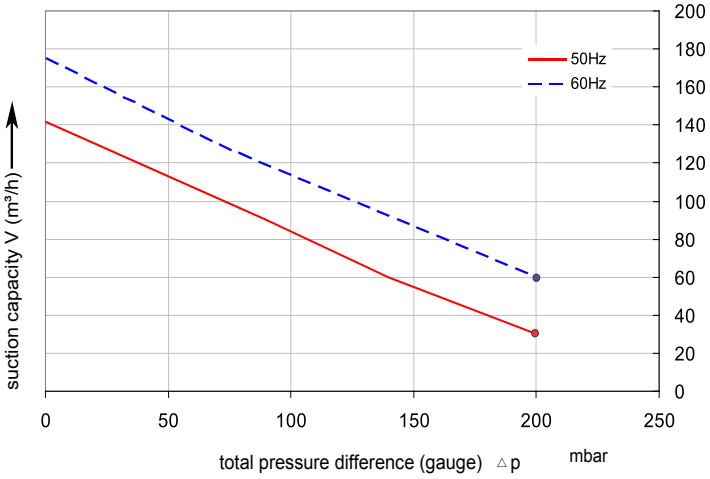
EVSC-S42B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S42B3

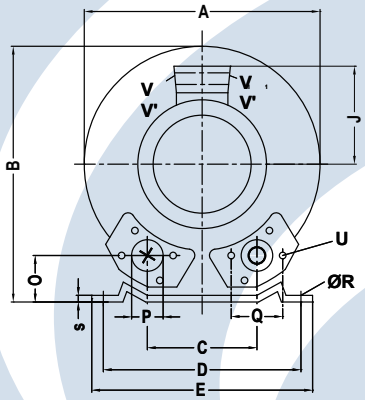
			50 Hz	60 Hz
Motor power		kW	1,10	1,30
Maximum airflow		m³/h	145	175
Ultimate pressure		mbar	+200	+200
Ultimate vacuum		mbar	-170	-210
Input voltage 3 phase Δ		V	200-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	4,35	3,1
Input current Y		A	2,5	2,6
Noise level		dB(A)	63	64
Weight		kg	16	16
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

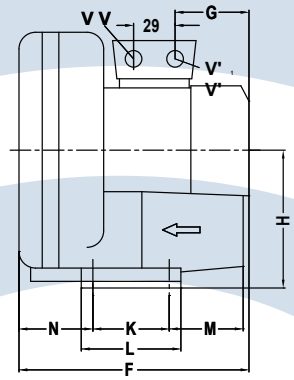
Ordering Information — TYPE EVSC-S42B3

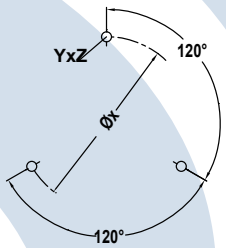
EVSC-S42B3	3ph AC	141381
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010







Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	0	P	Q	ØR	S	U	V	V'	V_1	V_1	YxZ	X-Holes	ØX
EVSC-S42B3	3~	286	302	115	225	255	294	160	154	120	95	130	70	75	45	G1¼	72	12	3	M6x19	M25x1.5	M16x1.5	-	-	M6x19	0°/120°/240°	174

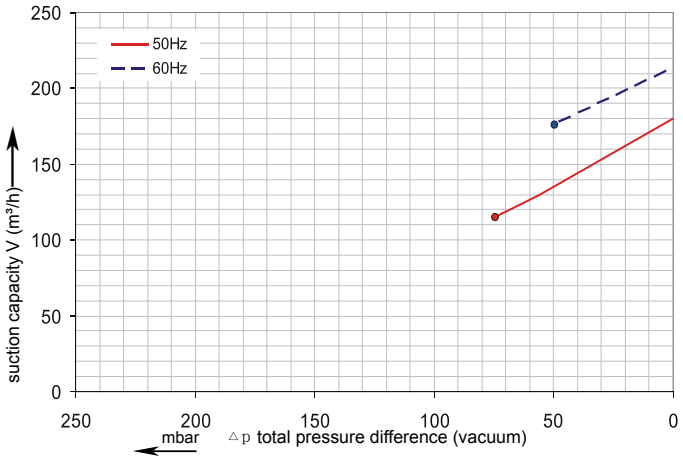
Eurovacuum



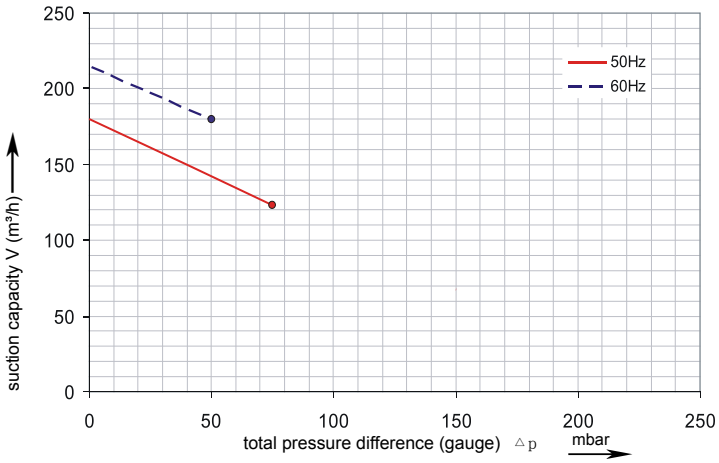
Single stage side channel vacuum pump / compressor

EVSC-S43A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-S43A3

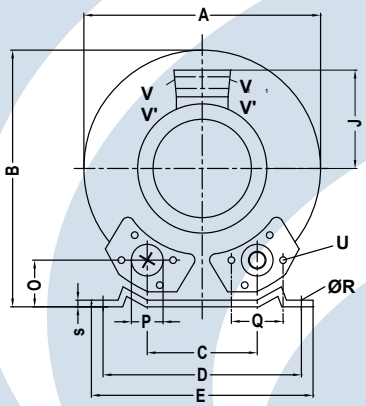
			50 Hz	60 Hz
Motor power		kW	0,7	0,83
Maximum airflow		m³/h	180	210
Ultimate pressure		mbar	+75	+50
Ultimate vacuum		mbar	-75	-50
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	3,8	2,75
Input current Y		A	2,2	2,15
Noise level		dB(A)	64	64
Weight		kg	14	14
Connection	inlet	G(BSP)	1½"	1½"
	outlet	G(BSP)	1½"	1½"

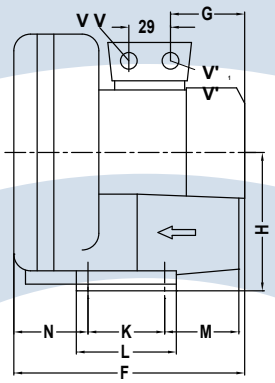
Ordering Information TYPE EVSC-S43A3

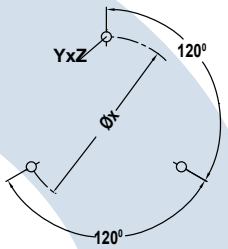
EVSC-S43A3	3ph AC	141343
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	602025
Compressor suction filter	140025
Set of feet for horizontal positioning	140010







Type	Phases																								X-Bohrungen X-Holes	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	$V_{(1-)}$	$V_{(1-)}$	$V_{(3-)}$	$V_{(3-)}$	YxZ	ØX
EVSC-S43A3	3~	286	302	115	225	255	288	135	154	111	95	130	70	75	46	G1½(15tief-deep)	72	12	3	M6x19	-	-	M25x1.5	M16x1.5	M6x15	0°/120°/240°	174

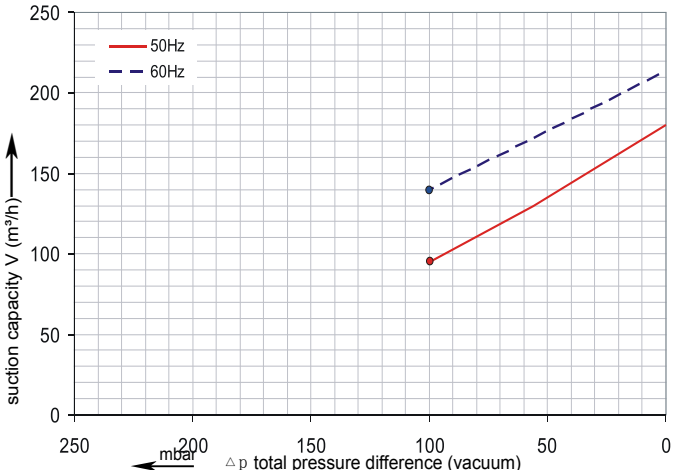
Eurovacuum



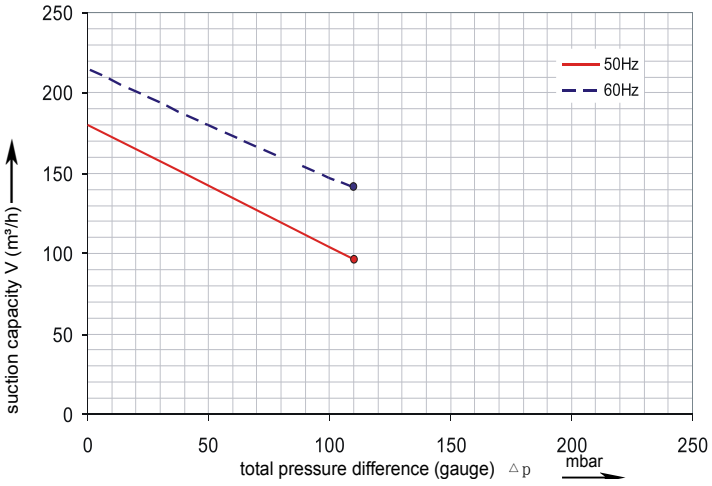
Single stage side channel vacuum pump / compressor

EVSC-S44A1

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-S44A1

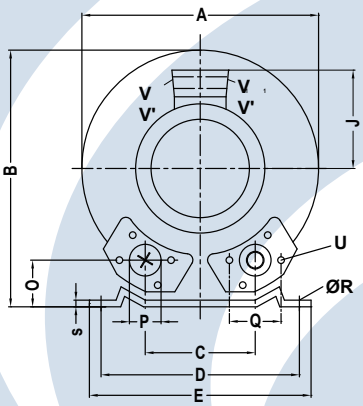
			50 Hz	60 Hz
Motor power		kW	0,8	0,9
Maximum airflow		m³/h	180	215
Ultimate pressure		mbar	+110	+110
Ultimate vacuum		mbar	-100	-100
Input voltage		V	230	230
Input current		A	5,2	5,8
Noise level		dB(A)	64	66
Weight		kg	16	16
Connection	inlet	G(BSP)	1½”	1½”
	outlet	G(BSP)	1½”	1½”

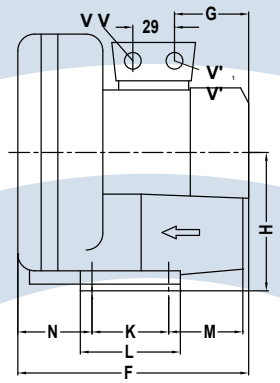
Ordering Information TYPE EVSC-S44A1

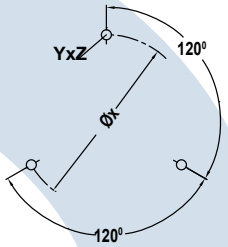
EVSC-S81A3	1ph AC	141144
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	602025
Compressor suction filter	140025
Set of feet for horizontal positioning	140010







Type	Phases																							X-Bohrungen X-Holes	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	$V_{(1-)}$	$V_{(1-)}$	$V_{1(3-)}$	$V_{1(3-)}$	YxZ	ØX
EVSC-S44A1	1~	286	302	115	225	255	311	160	154	120	95	130	70	75	46	G1½(15tief-deep)	72	12	3	M6x19	M16x1.5	M25x1.5	-	-	M6x15	0°/120°/240°	174

Eurovacuum

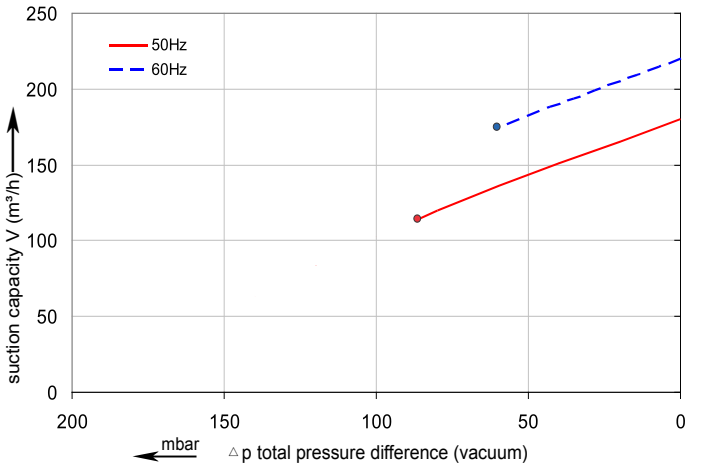


Single stage side channel vacuum pump / compressor

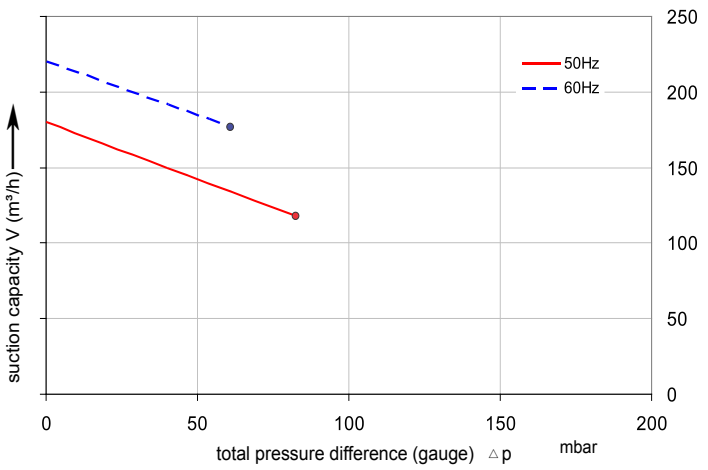
EVSC-S44B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S44B3

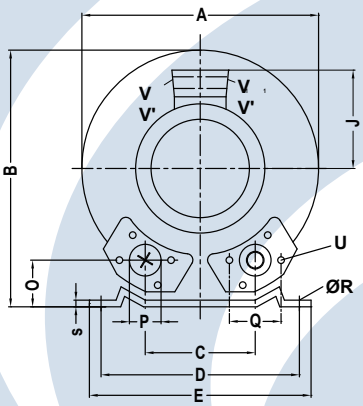
			50 Hz	60 Hz
Motor power		kW	0,75	0,86
Maximum airflow		m³/h	180	210
Ultimate pressure		mbar	+80	+60
Ultimate vacuum		mbar	-80	-60
Input voltage 3 phase Δ		V	220-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	3,12	3,1
Input current Y		A	1,8	1,9
Noise level		dB(A)	64	65
Weight		kg	16	16
Connection	inlet	G(BSP)	1½"	1½"
	outlet	G(BSP)	1½"	1½"

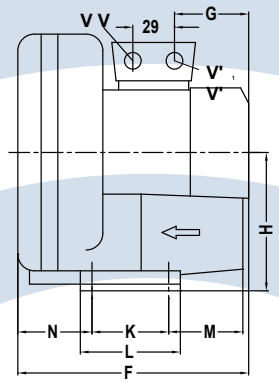
Ordering Information — TYPE EVSC-S44B3

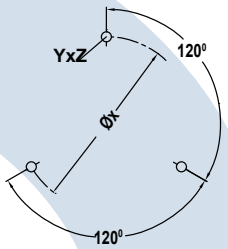
EVSC-S44B3	3ph AC	141344
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	602025
Compressor suction filter	140025
Set of feet for horizontal positioning	140010







Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	0	P	Q	ØR	S	U	V	V'	V1	V'1	YxZ	X-Holes	ØX
EVSC-S44B3	3~	286	302	115	225	255	309	160	154	120	95	130	70	91	45	G1¼	72	12	3	M6x19	M25x1.5	M16x1.5	-	-	M6x19	0°/120°/240°	174

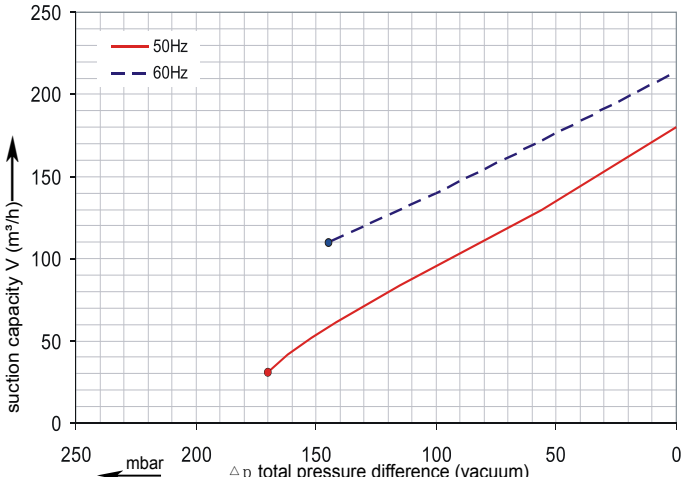
Eurovacuum



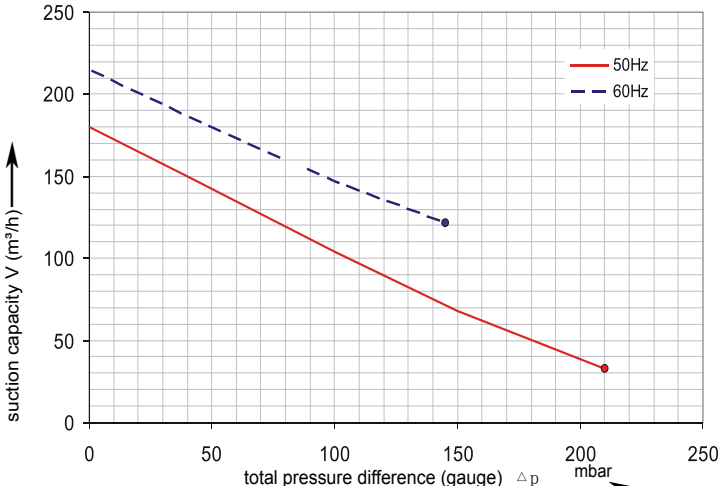
Single stage side channel vacuum pump / compressor

EVSC-S45A1

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-S45A1

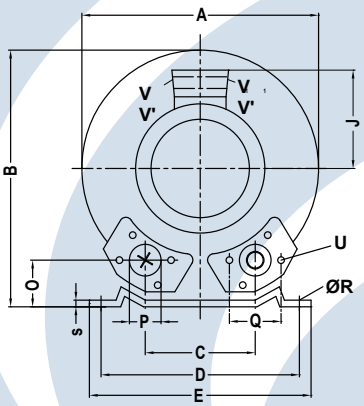
			50 Hz	60 Hz
Motor power		kW	1,1	1,3
Maximum airflow		m³/h	180	210
Ultimate pressure		mbar	+210	+145
Ultimate vacuum		mbar	-170	-145
Input voltage		V	230	230
Input current		A	7,3	8,3
Noise level		dB(A)	64	66
Weight		kg	17	17
Connection	inlet	G(BSP)	1½”	1½”
	outlet	G(BSP)	1½”	1½”

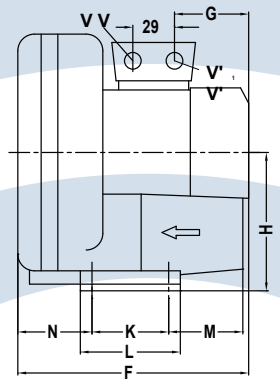
Ordering Information TYPE EVSC-S45A1

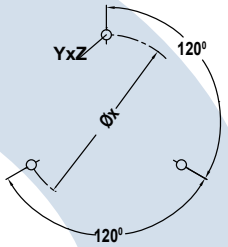
EVSC-S45A1	3ph AC	141145
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	602025
Compressor suction filter	140025
Set of feet for horizontal positioning	140010







Type	Phases																							X-Bohrungen X-Holes	
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	$V_{(1\sim)}$	$V_{(1\sim)}$	$V_{(3\sim)}$	$V_{(3\sim)}$	YxZ		ØX
EVSC-S45A1	1~	286	302	115	225	255	311	160	154	120	95	130	70	75	46	G1½(15tief·deep)	72	12	3	M6x19	M16x1.5	M25x1.5	-	-	M6x15	0°/120°/240°	174

Eurovacuum

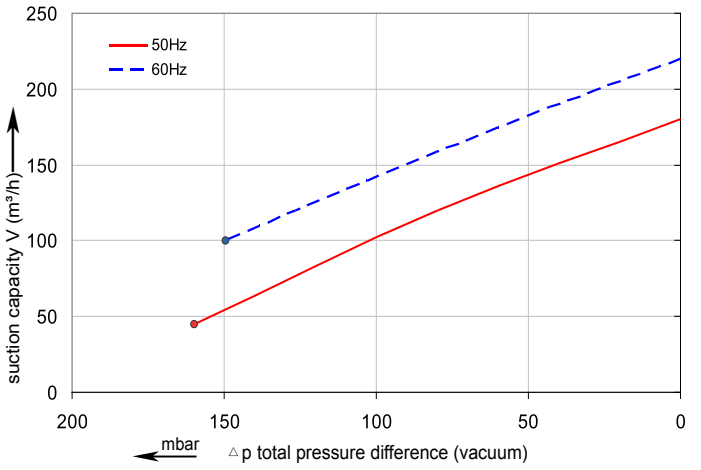


Single stage side channel vacuum pump / compressor

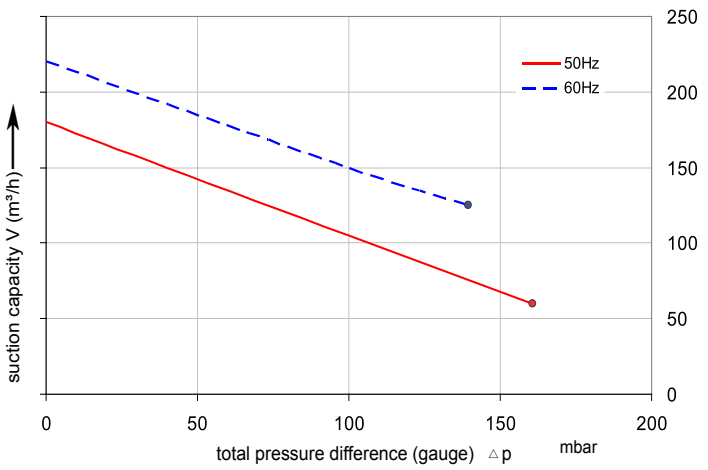
EVSC-S45B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S45A3

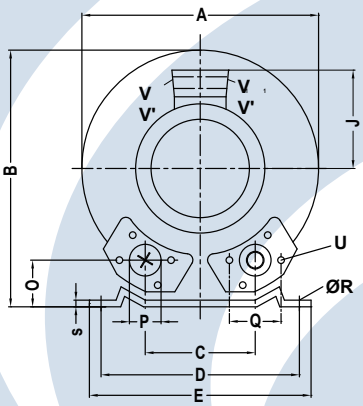
			50 Hz	60 Hz
Motor power		kW	1,1	1,3
Maximum airflow		m³/h	180	210
Ultimate pressure		mbar	+160	+140
Ultimate vacuum		mbar	-160	-150
Input voltage 3 phase Δ		V	200-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	4,35	3,1
Input current Y		A	2,5	2,6
Noise level		dB(A)	64	65
Weight		kg	17	17
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

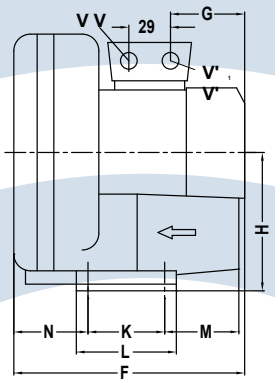
Ordering Information — TYPE EVSC-S45A3

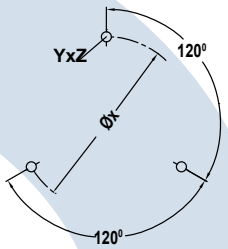
EVSC-S45A3	3ph AC	141345
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

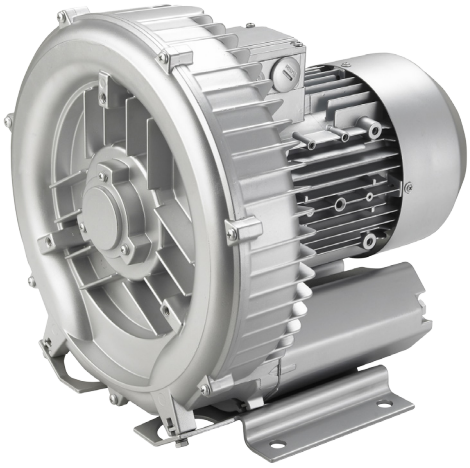






Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	$V_{(1-)}$	$V_{(1-)}$	$V_{(3-)}$	$V_{(3-)}$	YxZ	X-Bohrungen X-Holes	ØX
EVSC-S45B3	3~	286	302	115	225	255	309	160	154	120	95	130	70	91	45	G1½(15tief-deep)	72	12	3	M6x19	M25x1.5	M16x1.5			M6x19	0°/120°/240°	174

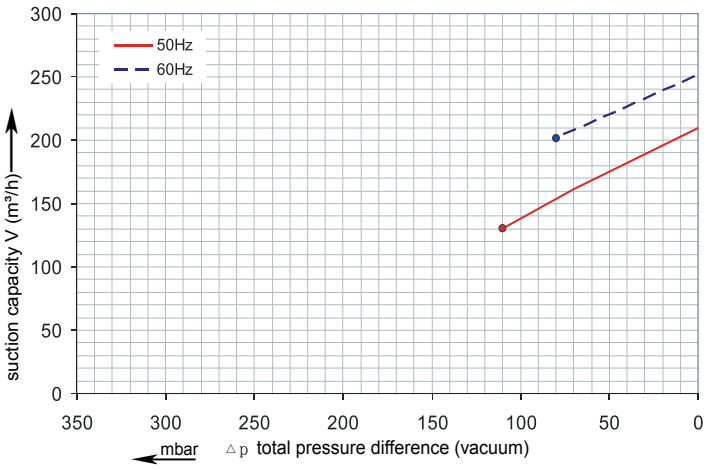
Eurovacuum



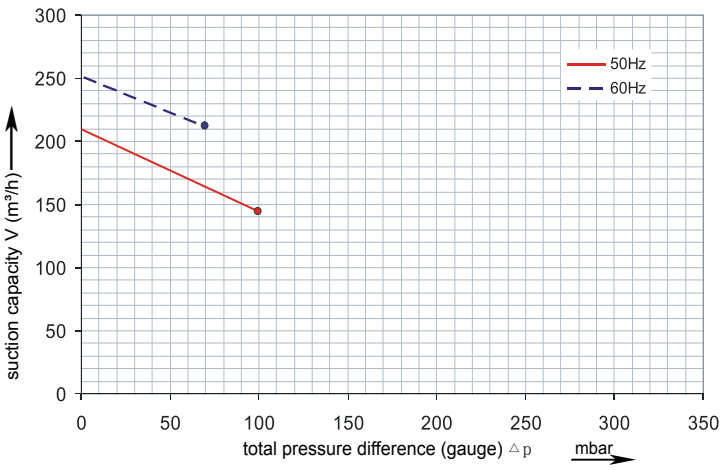
Single stage side channel vacuum pump / compressor

EVSC-S50A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S50A3

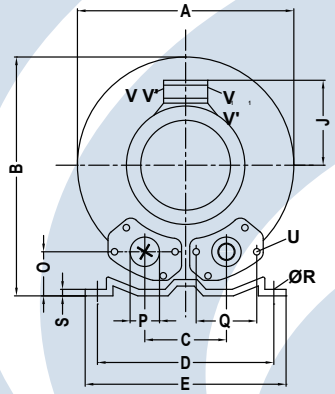
			50 Hz	60 Hz
Motor power		kW	0,85	0,95
Maximum airflow		m³/h	210	255
Ultimate pressure		mbar	+100	+70
Ultimate vacuum		mbar	-110	-80
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	4,0	4,2
Input current Y		A	2,3	2,4
Noise level		dB(A)	64	70
Weight		kg	20	20
Connection	inlet	G(BSP)	2½"	2½"
	outlet	G(BSP)	2½"	2½"

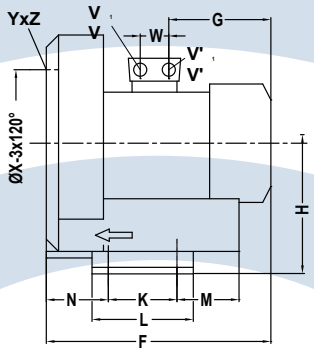
Ordering Information TYPE EVSC-S50A3

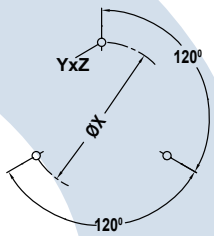
EVSC-S50A3	3ph AC	141350
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140037
Compressor suction filter	140027
Set of feet for horizontal positioning	140011

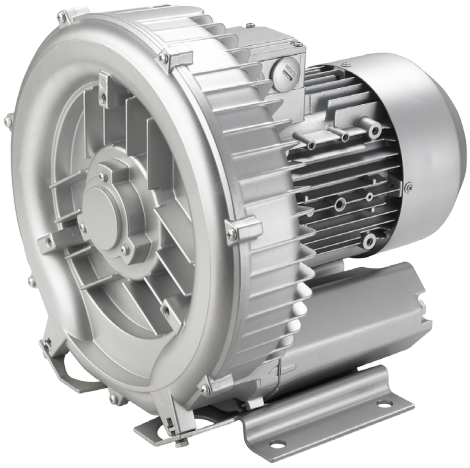






Type	Phases																							X-Holes		
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	ØP	Q	ØR	S	U	$V_{(1\sim)}$	$V_{(1\sim)}$	$V_{(3\sim)}$	$V_{(3\sim)}$	YxZ		ØX	W
EVSC-S50A3	3~	334	337	120	260	295	314	160	175	120	115	155	96	87	48	55	83	14	4	M8x17	-	-	M25x1.5	M16x1.5	M8x20	0°/120°/240°	200	29

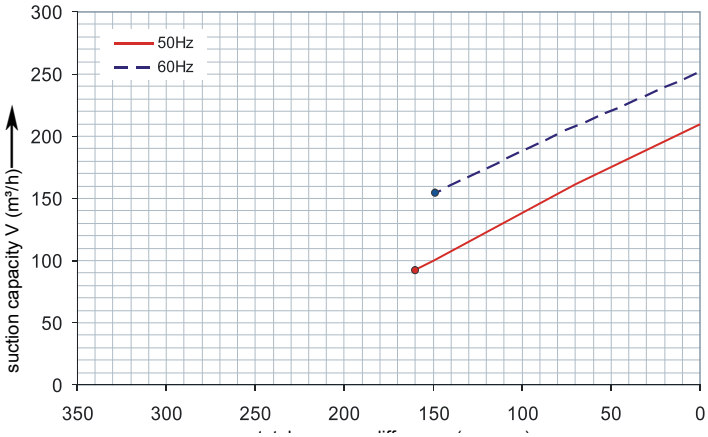
Eurovacuum



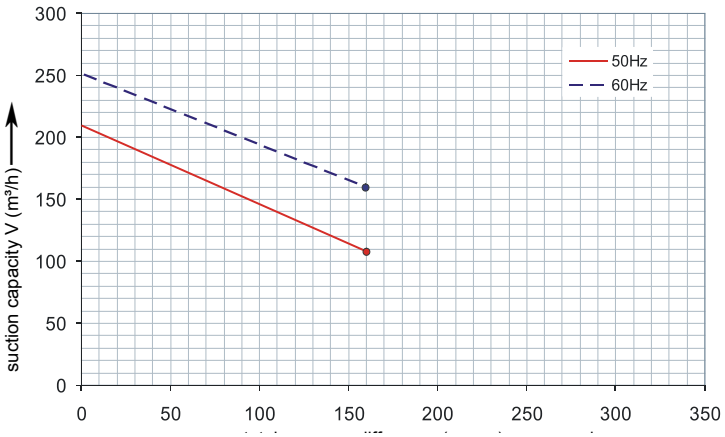
Single stage side channel vacuum pump / compressor

EVSC-S51A1

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S51A1

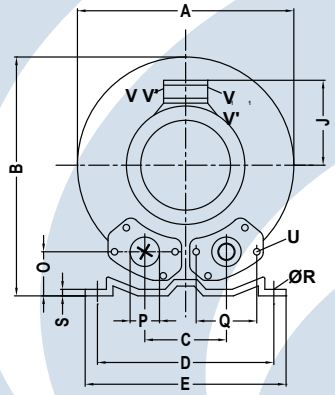
			50 Hz	60 Hz
Motor power		kW	1,1	1,3
Maximum airflow		m³/h	100	120
Ultimate pressure		mbar	+160	+160
Ultimate vacuum		mbar	-150	-160
Input voltage		V	230	230
Input current		A	7,3	8,3
Noise level		dB(A)	64	70
Weight		kg	21	21
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

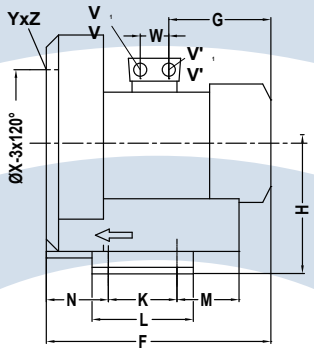
Ordering Information — TYPE EVSC-S51A1

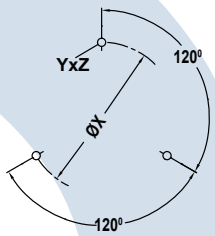
EVSC-S51A1	1ph AC	141151
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140011

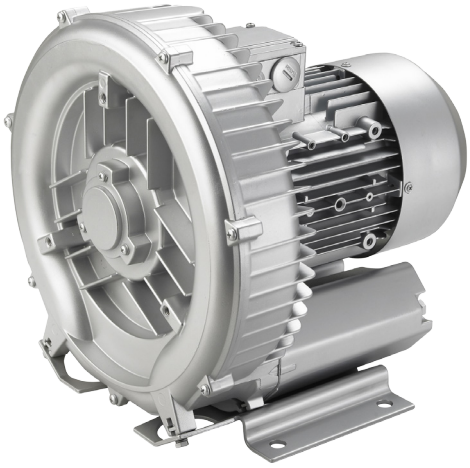






Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	ØP	Q	ØR	S	U	$V_{1(\sim)}$	$V_{1(\sim)}$	$V_{1(3\sim)}$	$V_{1(3\sim)}$	YxZ	X-Holes	ØX	W
EVSC-S51A1	1~	334	337	120	260	295	314	160	175	120	115	155	96	87	48	2”	83	14	4	M8x17	M16x1.5	M25x1.5	-	-	M8x20	0°/120°/240°	200	29

Eurovacuum

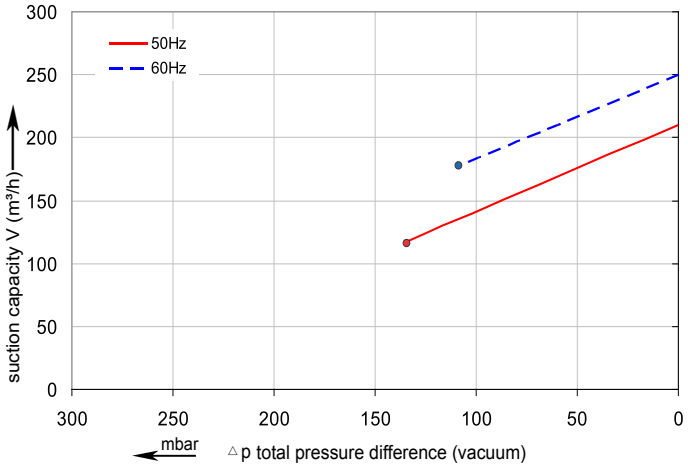


Single stage side channel vacuum pump / compressor

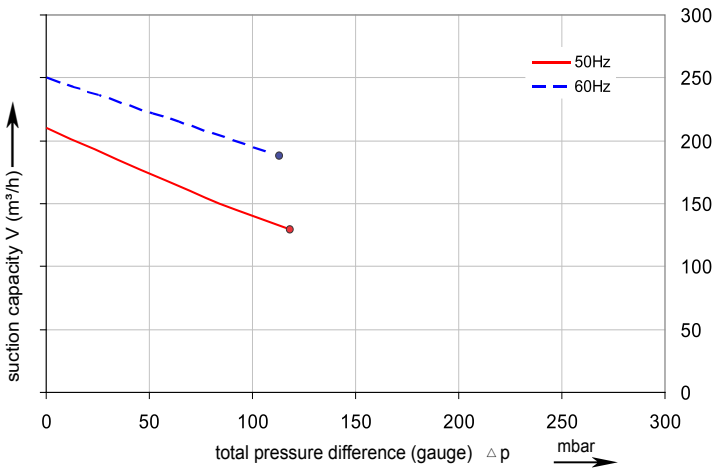
EVSC-S51B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S51B3

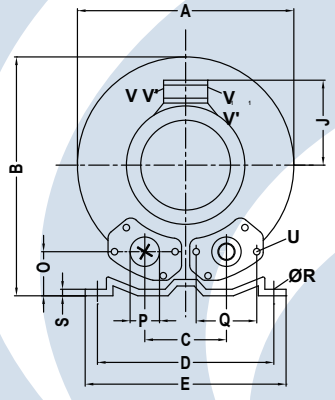
			50 Hz	60 Hz
Motor power		kW	1,1	1,3
Maximum airflow		m³/h	210	255
Ultimate pressure		mbar	+120	+110
Ultimate vacuum		mbar	-130	-110
Input voltage 3 phase Δ		V	200-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	4,35	3,1
Input current Y		A	2,5	2,6
Noise level		dB(A)	64	70
Weight		kg	20	20
Connection	inlet	G(BSP)	1½”	1½”
	outlet	G(BSP)	1½”	1½”

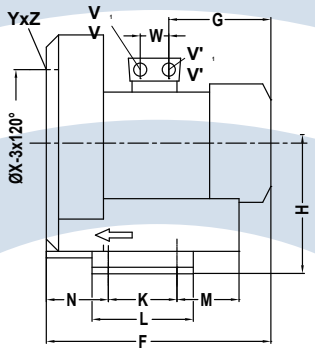
Ordering Information — TYPE EVSC-S51B3

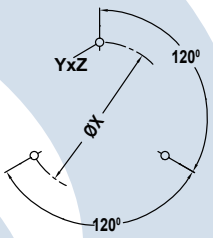
EVSC-S51B3	3ph AC	141351
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	602025
Compressor suction filter	140025
Set of feet for horizontal positioning	140011

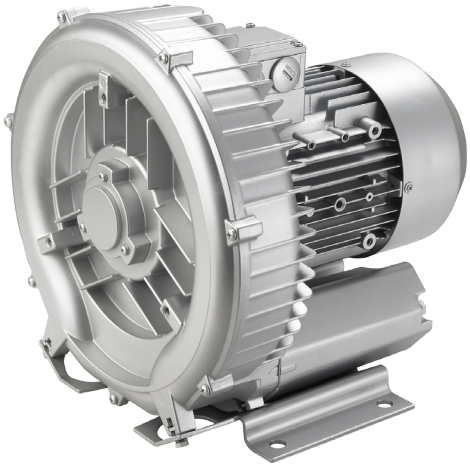






Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	0	P	Q	ØR	S	U	V	V'	V1	V'1	YxZ	X-Holes	ØX
EVSC-S51B3	3~	334	337	120	260	295	315	160	175	120	115	155	98	85	48	G2	83	14	4	M8x17	M25x1.5	M16x1.5	-	-	M8X20	0°/120°/240°	200

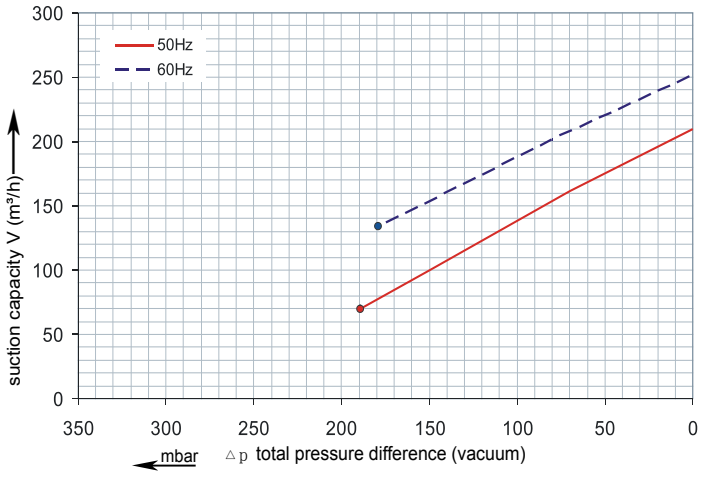
Eurovacuum



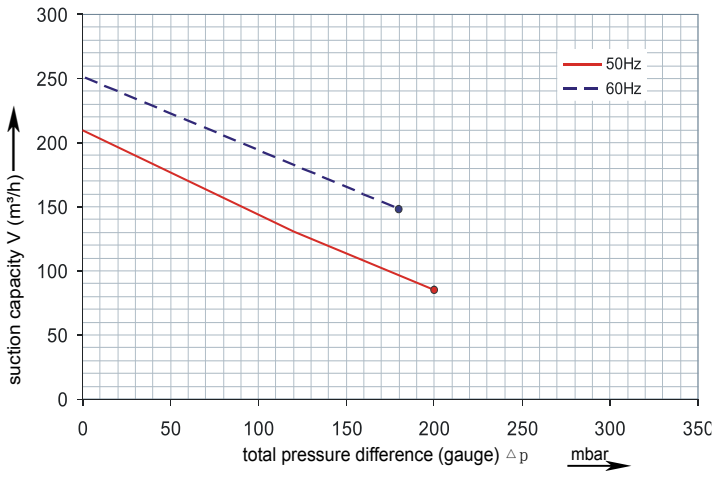
Single stage side channel vacuum pump / compressor

EVSC-S52A1

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S51A1

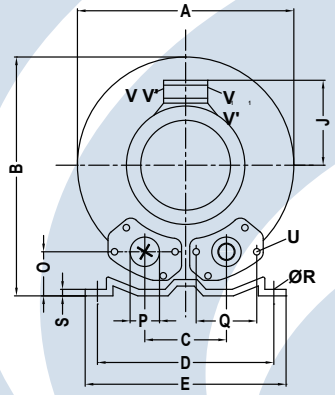
			50 Hz	60 Hz
Motor power		kW	1,5	1,75
Maximum airflow		m³/h	210	255
Ultimate pressure		mbar	+200	+180
Ultimate vacuum		mbar	-190	-180
Input voltage		V	230	230
Input current		A	9	10
Noise level		dB(A)	64	70
Weight		kg	24	24
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

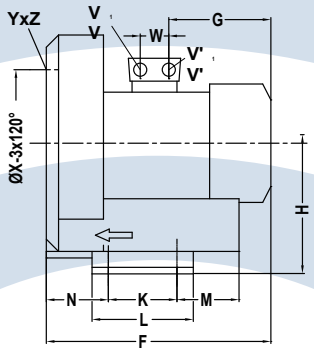
Ordering Information — TYPE EVSC-S81A3

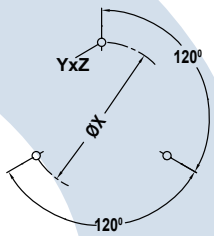
EVSC-S52A1	50/60 Hz	141152
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140011

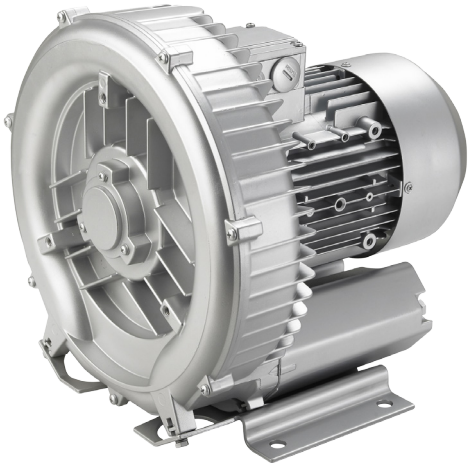






Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	ØP	Q	ØR	S	U	$V_{(1\sim)}$	$V_{(1\sim)}$	$V_{(3\sim)}$	$V_{(3\sim)}$	YxZ	X-Bohrungen X-Holes	ØX	W
EVSC-S52B1	1~	334	337	120	260	295	345	191	175	128	115	155	96	87	48	G2”	83	14	4	M8x17	M16x1.5	M25x1.5	-	-	M8x20	0°/120°/240°	200	29

Eurovacuum

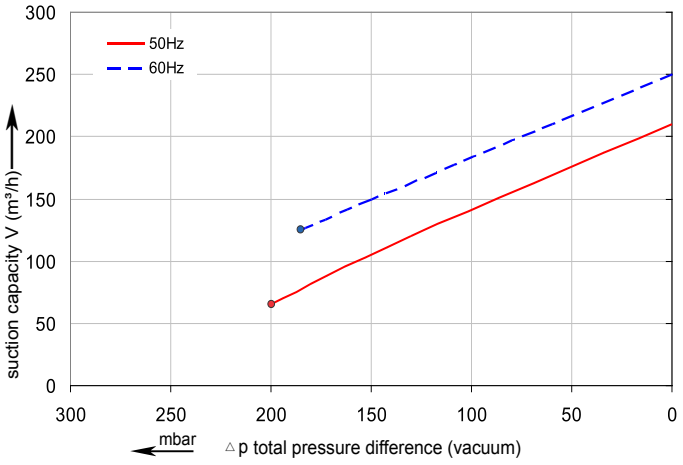


Single stage side channel vacuum pump / compressor

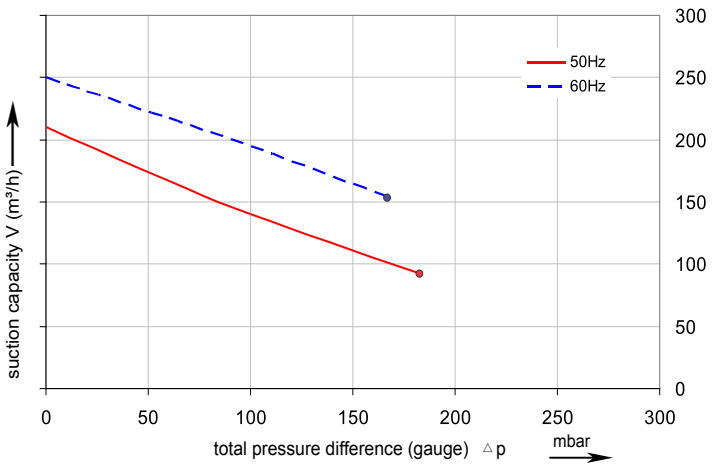
EVSC-S52B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S52B3

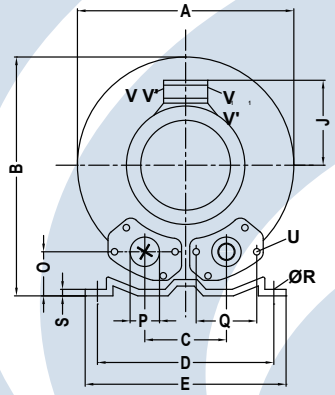
			50 Hz	60 Hz
Motor power		kW	1,5	1,75
Maximum airflow		m³/h	210	255
Ultimate pressure		mbar	+190	+170
Ultimate vacuum		mbar	-200	-180
Input voltage 3 phase Δ		V	200-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	5,7	5,7
Input current Y		A	3,3	3,3
Noise level		dB(A)	64	70
Weight		kg	21	21
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

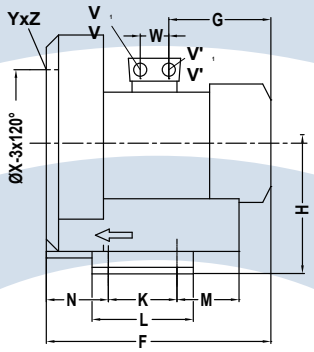
Ordering Information — TYPE EVSC-S52B3

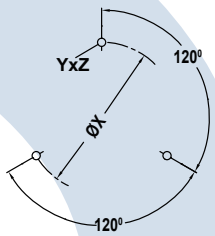
EVSC-S52B3	3ph AC	141352
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140011

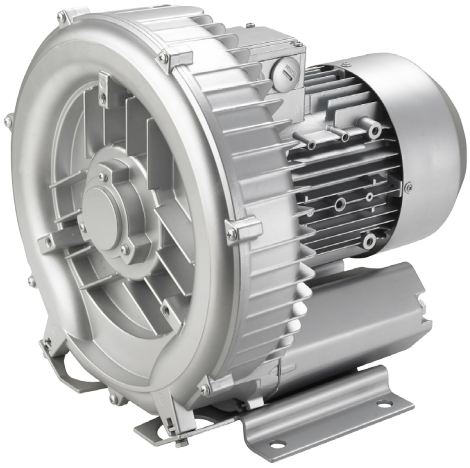






Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	0	P	Q	ØR	S	U	V	V'	V_1	V'_1	YxZ	X-Holes	ØX
EVSC-S52B3	3~	334	337	120	260	295	346	191	175	128	115	155	98	85	48	G2	83	14	4	M8x17	M25x1.5	M16x1.5	-	-	M8X20	0°/120°/240°	200

Eurovacuum

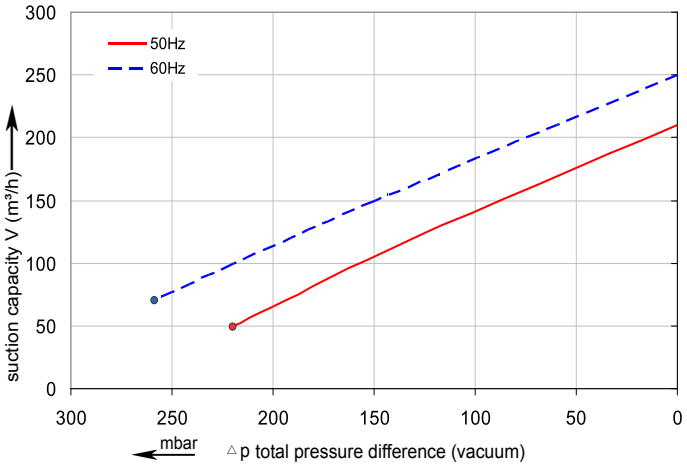


Single stage side channel vacuum pump / compressor

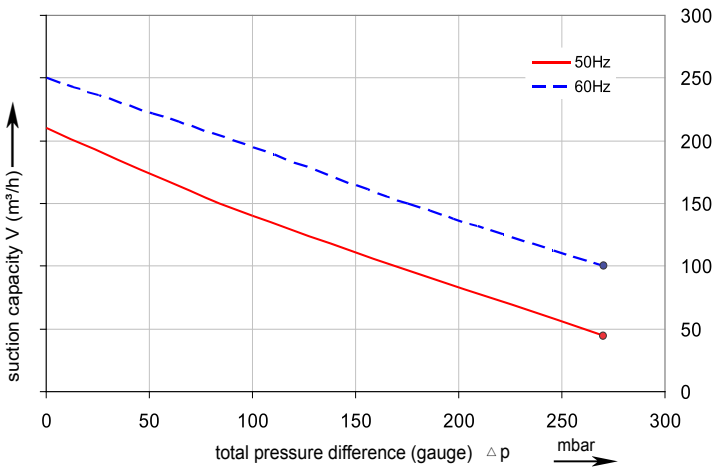
EVSC-S53B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S53B3

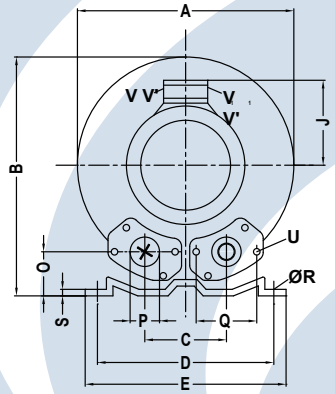
			50 Hz	60 Hz
Motor power		kW	2,2	2,55
Maximum airflow		m³/h	210	255
Ultimate pressure		mbar	+270	+270
Ultimate vacuum		mbar	-220	-260
Input voltage 3 phase Δ		V	200-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	8,2	8,1
Input current Y		A	4,65	4,65
Noise level		dB(A)	64	70
Weight		kg	25	25
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

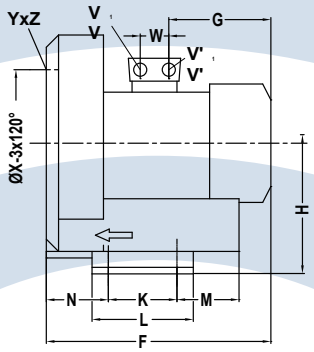
Ordering Information — TYPE EVSC-S53B3

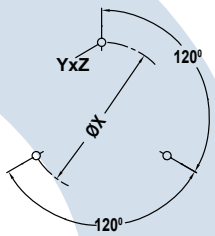
EVSC-S53B3	3ph AC	141353
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140011

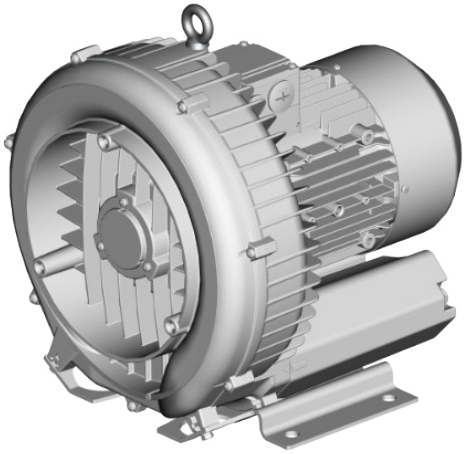






Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	0	P	Q	ØR	S	U	V	V'	V1	V'1	YxZ	X-Holes	ØX
EVSC-S53B3	3~	334	337	120	260	295	372	218	175	128	115	155	98	85	48	G2	83	14	4	M8x17	M25x1.5	M16x1.5	-	-	M8X20	0°/120°/240°	200

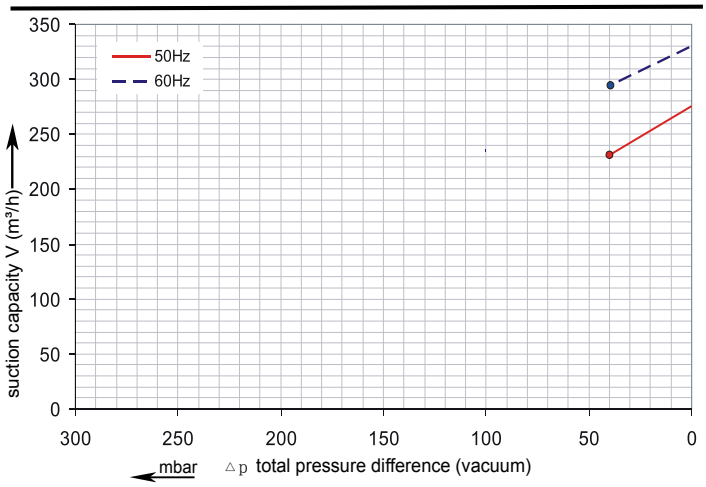
Eurovacuum



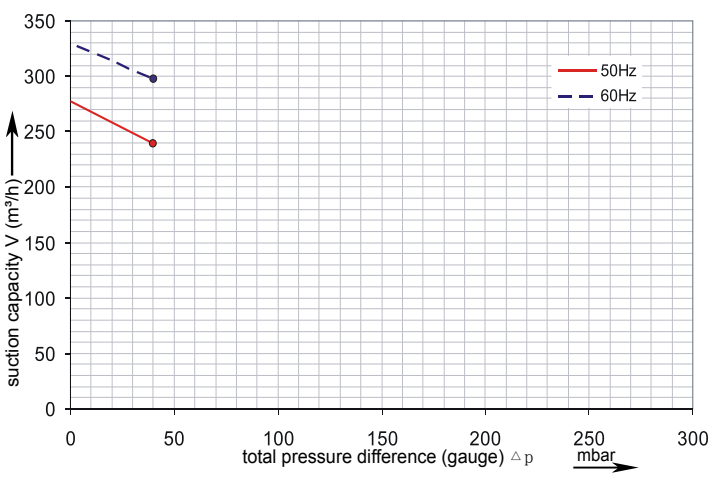
Single stage side channel vacuum pump / compressor

EVSC-S54A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S54A3

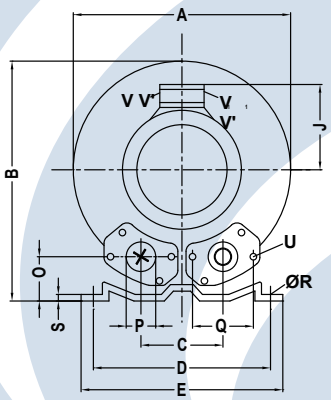
			50 Hz	60 Hz
Motor power		kW	0,85	0,95
Maximum airflow		m³/h	270	330
Ultimate pressure		mbar	+40	+40
Ultimate vacuum		mbar	-40	-40
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	4,0	4,2
Input current Y		A	2,3	2,4
Noise level		dB(A)	65	71
Weight		kg	21	21
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

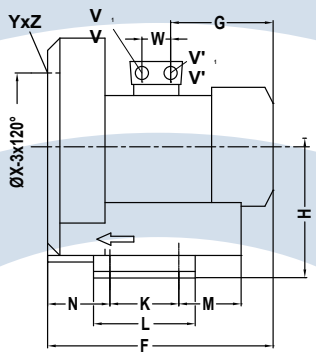
Ordering Information — TYPE EVSC-S54A3

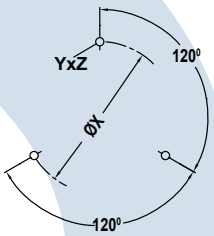
EVSC-S53A3	3ph AC	141354
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140011

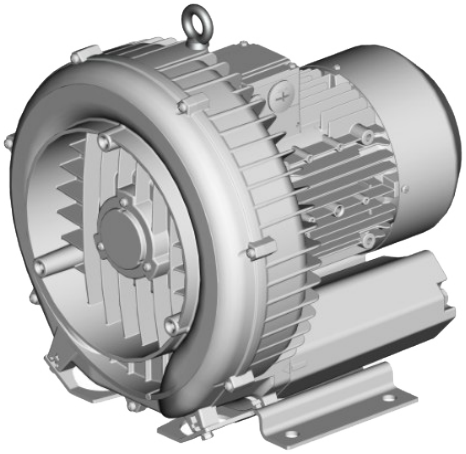






Type	Phases																							X-Holes		
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	ØP	Q	ØR	S	U	$V_{1\sim}$	$V_{1\sim}$	$V_{1/3\sim}$	$V_{1/3\sim}$	YxZ		ØX	W
EVSC-S54A3	3~	334	337	120	260	295	334	160	175	120	115	155	96	87	48	G2”	83	14	4	M8x17	-	-	M25x1.5	M16x1.5	M8x20	0°/120°/240°	200	29

Eurovacuum

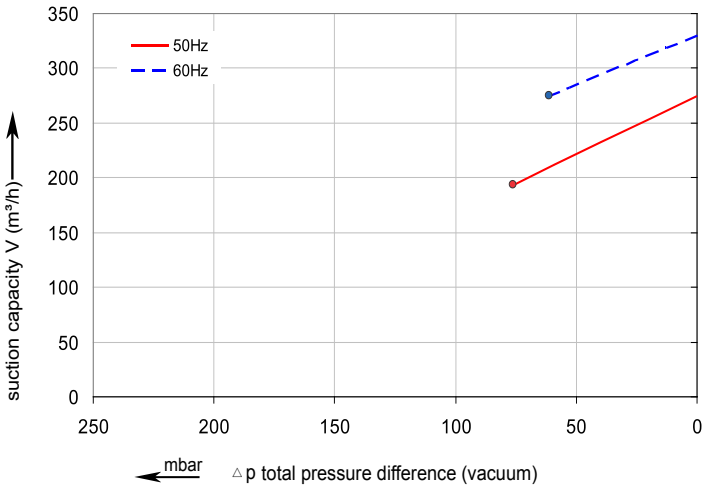


Single stage side channel vacuum pump / compressor

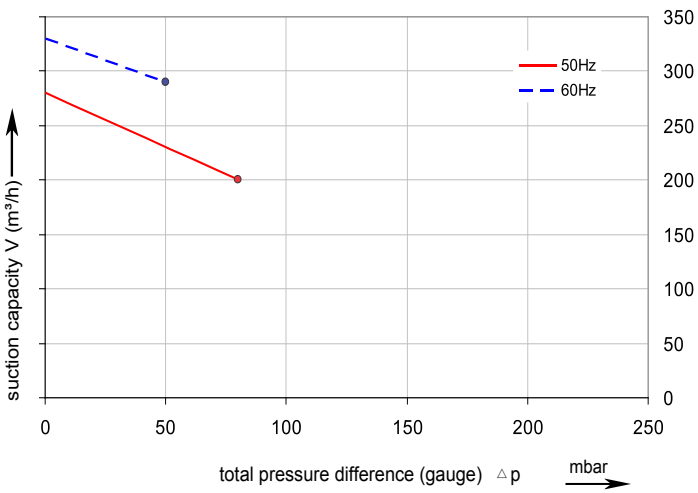
EVSC-S55B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S53B3

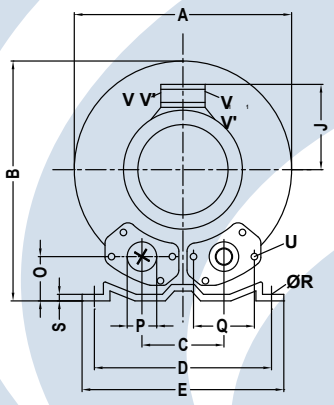
			50 Hz	60 Hz
Motor power		kW	1,1	1,3
Maximum airflow		m³/h	270	330
Ultimate pressure		mbar	+80	+50
Ultimate vacuum		mbar	-80	-60
Input voltage 3 phase Δ		V	200-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	4,35	3,1
Input current Y		A	2,5	2,6
Noise level		dB(A)	65	71
Weight		kg	21	21
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

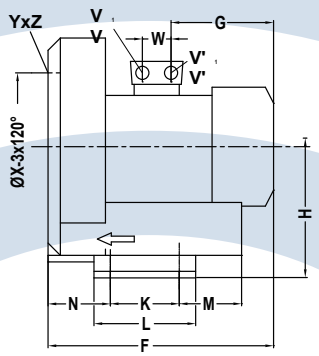
Ordering Information — TYPE EVSC-S53B3

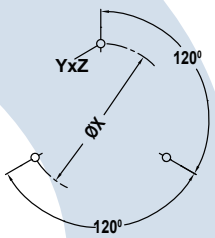
EVSC-S53B3	3ph AC	141355
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140011

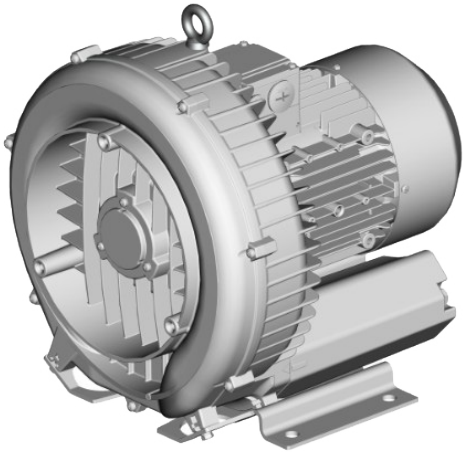






Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	0	P	Q	ØR	S	U	V	V'	V1	V'1	YxZ	X-Holes	ØX
EVSC-S55B3	3~	334	337	120	260	295	334	160	175	120	115	155	98	104	48	G2	83	14	4	M8x17	M25x1.5	M16x1.5	-	-	M8X20	0°/120°/240°	200

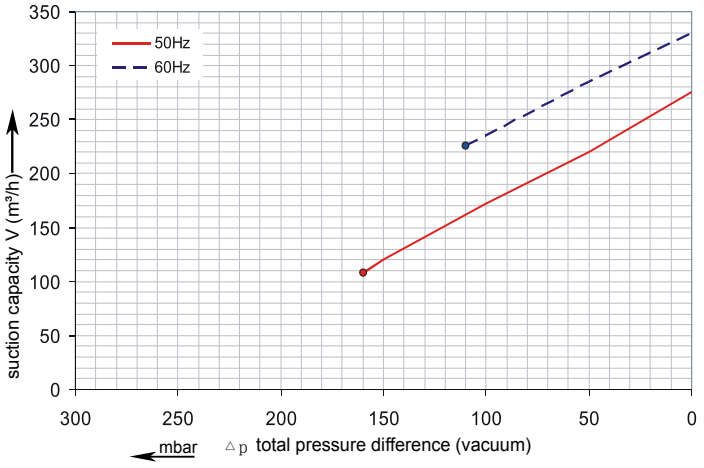
Eurovacuum



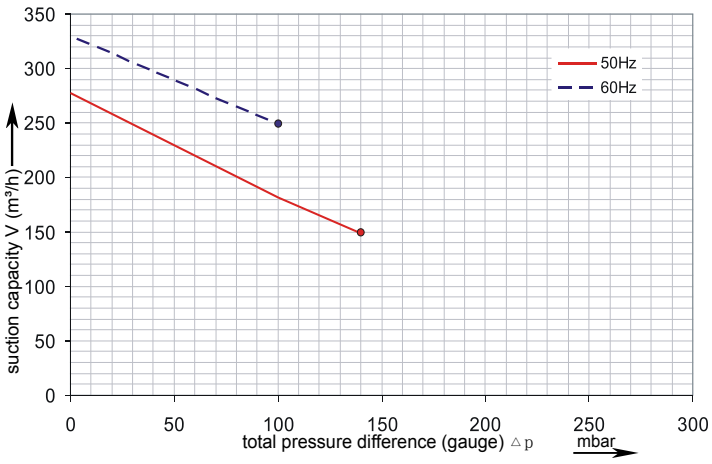
Single stage side channel vacuum pump / compressor

EVSC-S56A1

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S56A1

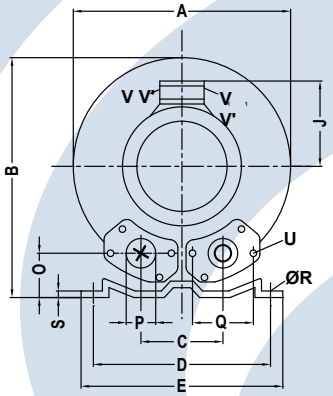
			50 Hz	60 Hz
Motor power		kW	1,5	1,75
Maximum airflow		m³/h	280	330
Ultimate pressure		mbar	+140	+100
Ultimate vacuum		mbar	-150	-110
Input voltage		V	230	230
Input current		A	9	10
Noise level		dB(A)	65	71
Weight		kg	26	26
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

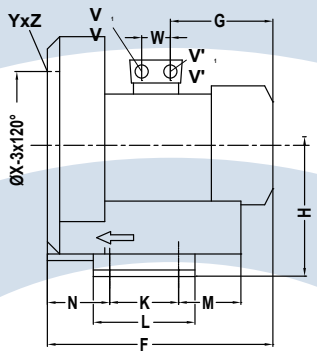
Ordering Information — TYPE EVSC-S56A1

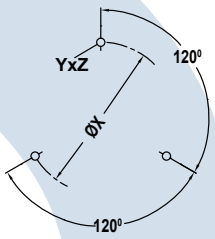
EVSC-S56A1	3ph AC	141156
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140011

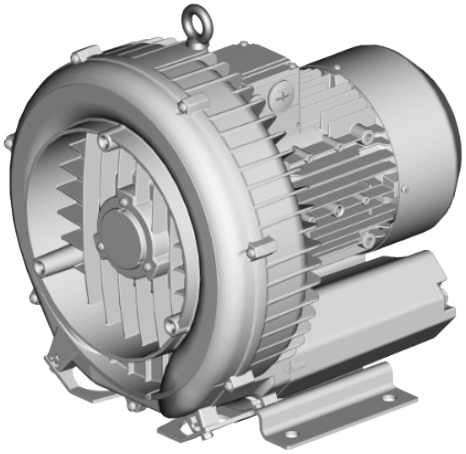






Type	Phases																							X-Holes		
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	ØP	Q	ØR	S	U	$V_{(1\sim)}$	$V_{(1\sim)}$	$V_{(3\sim)}$	$V_{(3\sim)}$	YxZ		ØX	W
EVSC-S56A1	1~	334	337	120	260	295	365	191	175	128	115	155	96	87	48	G2”	83	14	4	M8x17	M16x1.5	M25x1.5	-	-	M8x20	0°/120°/240°	200	29

Eurovacuum

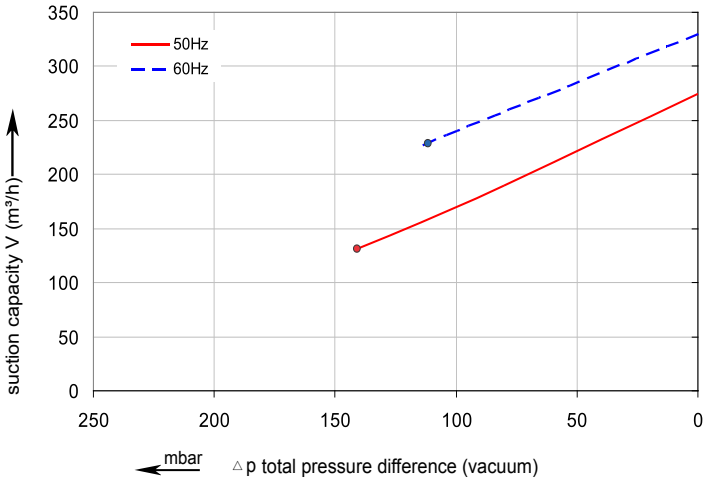


Single stage side channel vacuum pump / compressor

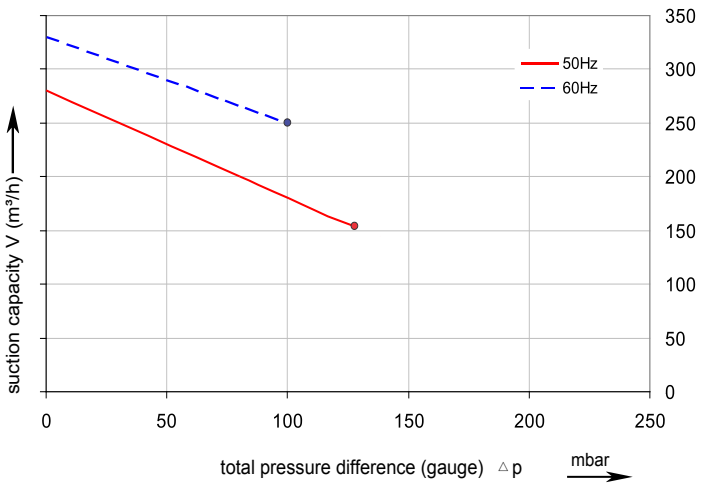
EVSC-S56B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S56B3

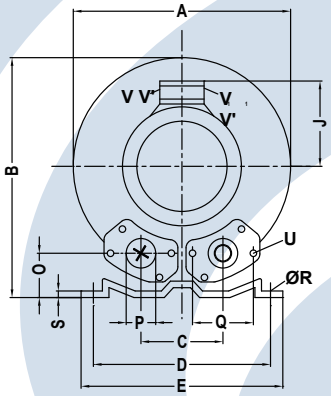
			50 Hz	60 Hz
Motor power		kW	1,5	1,75
Maximum airflow		m³/h	270	330
Ultimate pressure		mbar	+130	+100
Ultimate vacuum		mbar	-140	-110
Input voltage 3 phase Δ		V	200-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	5,7	5,7
Input current Y		A	3,3	3,3
Noise level		dB(A)	65	71
Weight		kg	22	22
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

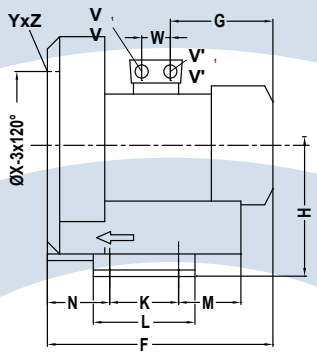
Ordering Information — TYPE EVSC-S56B3

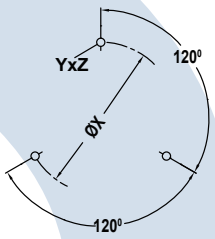
EVSC-S56B3	3ph AC	141356
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140011

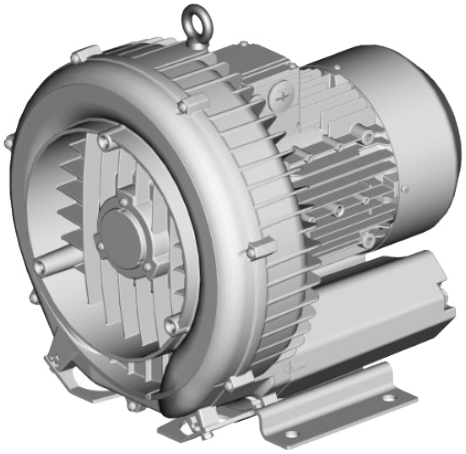






Type	Phases																							X-Holes	
		A	B	C	D	E	F	G	H	J	K	L	M	N	0	P	Q	ØR	S	U	V	V'	V1	V'1	YxZ	ØX
EVSC-S56B3	3~	334	337	120	260	295	365	191	175	128	115	155	98	104	48	G2	83	14	4	M8x17	M25x1.5	M16x1.5	-	-	M8X20	0°/120°/240°	200

Eurovacuum

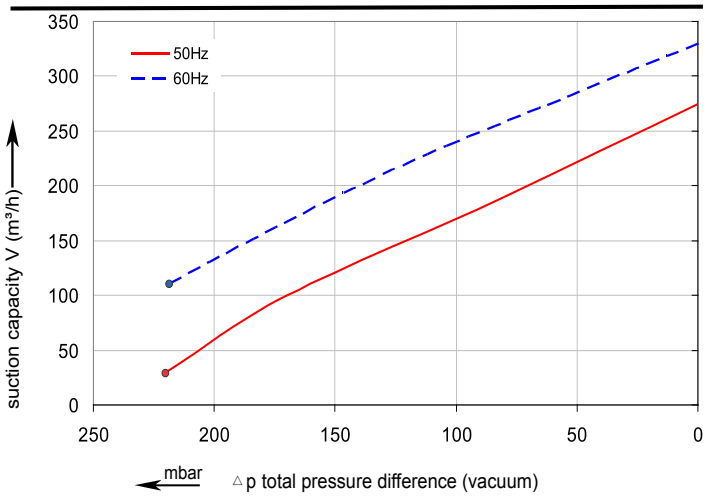


Single stage side channel vacuum pump / compressor

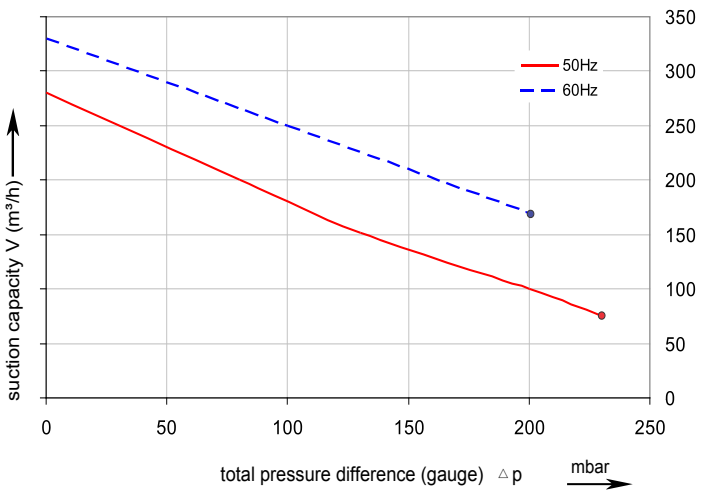
EVSC-S57B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S57B3

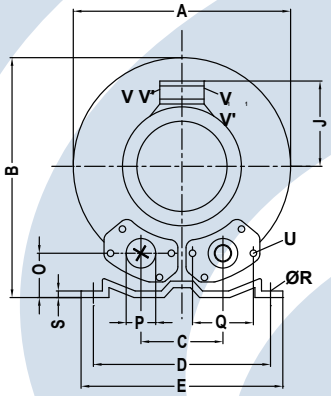
			50 Hz	60 Hz
Motor power		kW	2,2	2,55
Maximum airflow		m³/h	280	330
Ultimate pressure		mbar	+230	+200
Ultimate vacuum		mbar	-220	-220
Input voltage 3 phase Δ		V	200-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	8,2	8,1
Input current Y		A	4,65	4,65
Noise level		dB(A)	65	71
Weight		kg	26	26
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

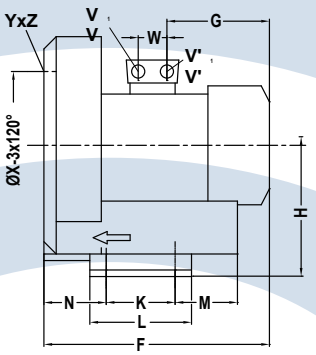
Ordering Information TYPE EVSC-S57B3

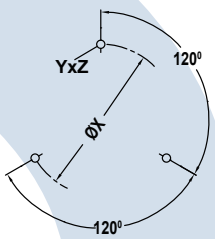
EVSC-S57A3	3ph AC	141357
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140011







Type	Phases																								X-Holes	
		A	B	C	D	E	F	G	H	J	K	L	M	N	0	P	Q	ØR	S	U	V	V'	V_1	V'_1	YxZ	ØX
EVSC-S57B3	3~	334	337	120	260	295	392	218	175	128	115	155	98	104	48	G2	83	14	4	M8x17	M25x1.5	M16x1.5	-	-	M8X20	0°/120°/240°	200

Eurovacuum

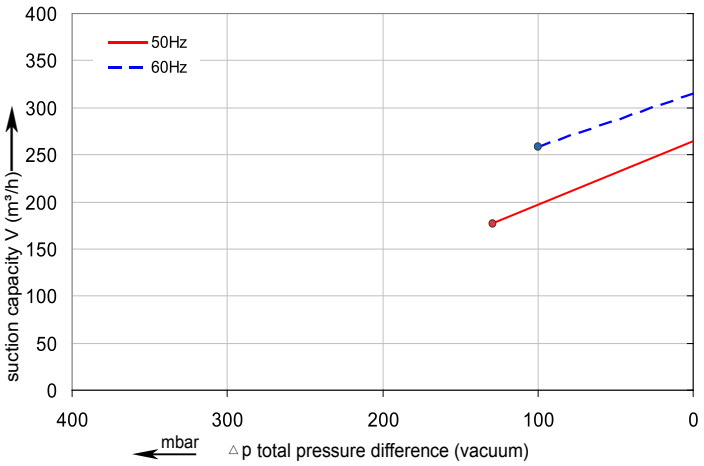


Single stage side channel vacuum pump / compressor

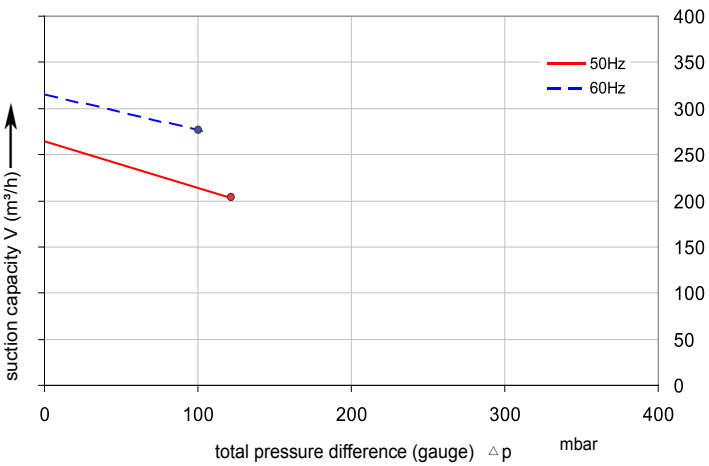
EVSC-S60B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S60B3

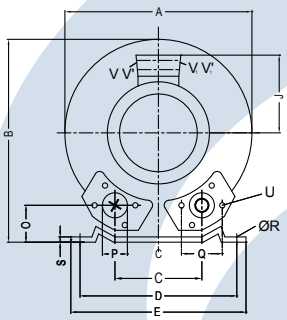
			50 Hz	60 Hz
Motor power		kW	1,5	1,75
Maximum airflow		m³/h	270	320
Ultimate pressure		mbar	+120	+100
Ultimate vacuum		mbar	-120	-100
Input voltage 3 phase Δ		V	200-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	5,7	5,7
Input current Y		A	3,3	3,3
Noise level		dB(A)	69	72
Weight		kg	26	26
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

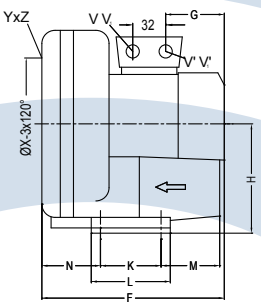
Ordering Information — TYPE EVSC-S60B3

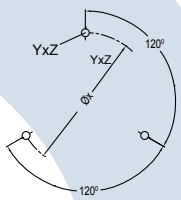
EVSC-S60B3	3ph AC	141357
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140011







Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V1	V'1	YxZ	X-Holes	ØX
EVSC-S60B3	3~	360	363	122	290	325	354	191	192	128	140	180	84	94	52	G2	83	15	4.5	M8X17	M25x1.5	M16x1.5	-	-	M8X20	0°/120°/240°	226

Eurovacuum

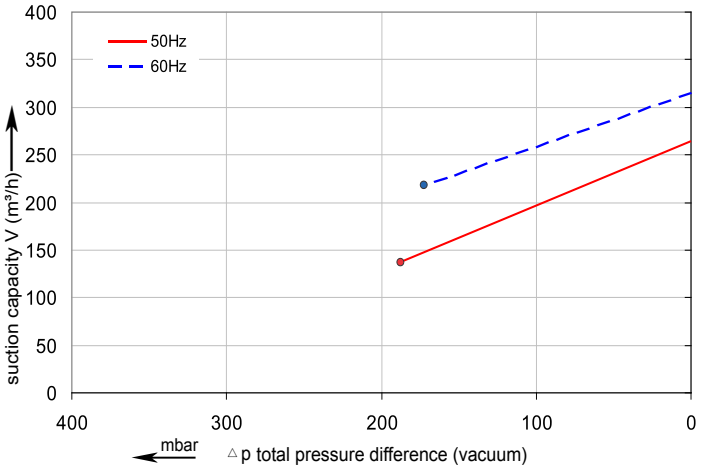


Single stage side channel vacuum pump / compressor

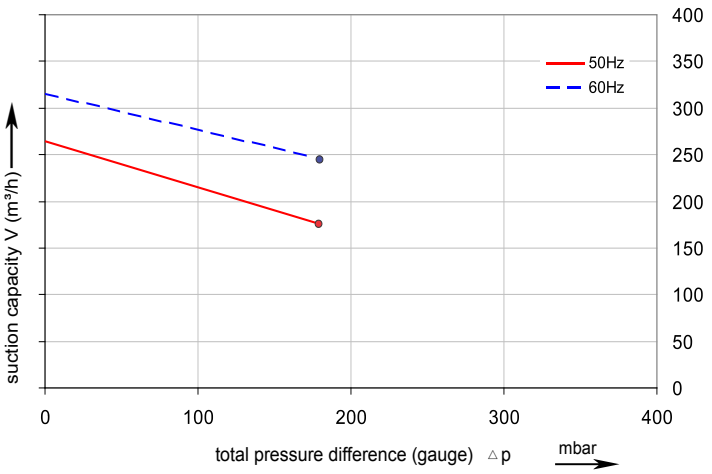
EVSC-S61B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S57A3

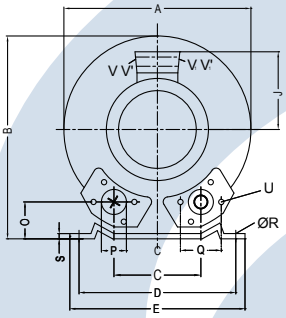
			50 Hz	60 Hz
Motor power		kW	2,2	2,55
Maximum airflow		m³/h	270	320
Ultimate pressure		mbar	+180	+180
Ultimate vacuum		mbar	-190	-180
Input voltage 3 phase Δ		V	200-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	8,1	8,0
Input current Y		A	4,6	4,6
Noise level		dB(A)	69	72
Weight		kg	29	29
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

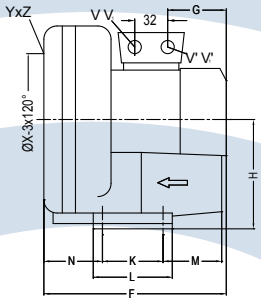
Ordering Information — TYPE EVSC-S57A3

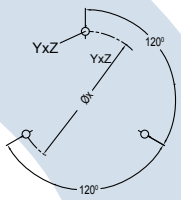
EVSC-S57A3	50/60 Hz	141357
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140011







Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V₁	V'₁	YxZ	X-Holes	ØX
EVSC-S61B3	3~	360	363	122	290	325	380	218	192	128	140	180	84	94	52	G2	83	15	4.5	M8X17	M25x1.5	M16x1.5	-	-	M8X20	0°/120°/240°	226

Eurovacuum

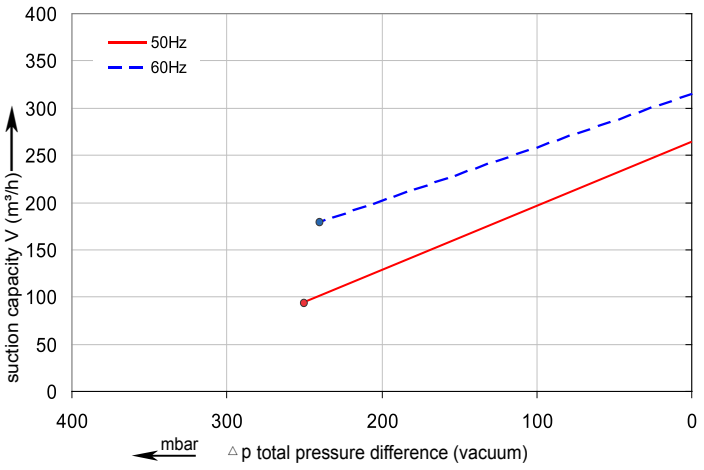


Single stage side channel vacuum pump / compressor

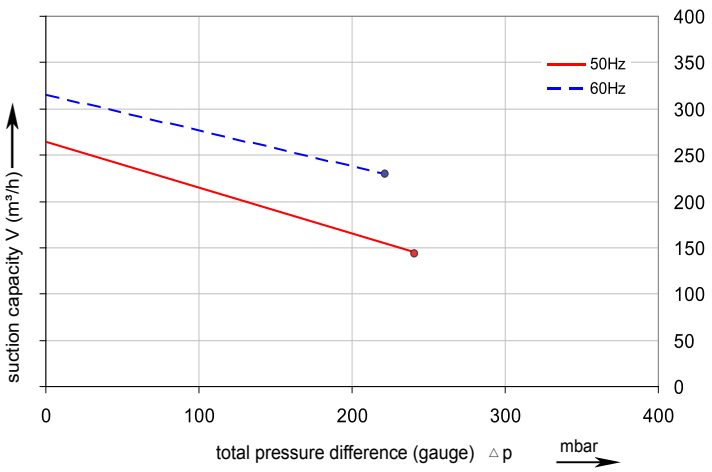
EVSC-S62B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S62B3

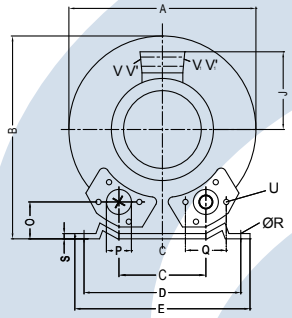
			50 Hz	60 Hz
Motor power		kW	3,0	3,45
Maximum airflow		m³/h	270	320
Ultimate pressure		mbar	+240	+220
Ultimate vacuum		mbar	-250	-240
Input voltage 3 phase Δ		V	200-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	11,4	10,8
Input current Y		A	6,4	6,2
Noise level		dB(A)	69	72
Weight		kg	34	34
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

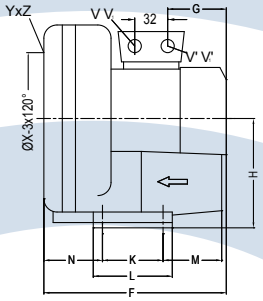
Ordering Information — TYPE EVSC-S62B3

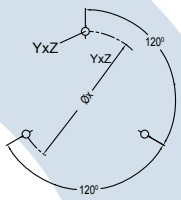
EVSC-S62B3	50/60 Hz	141357
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140011







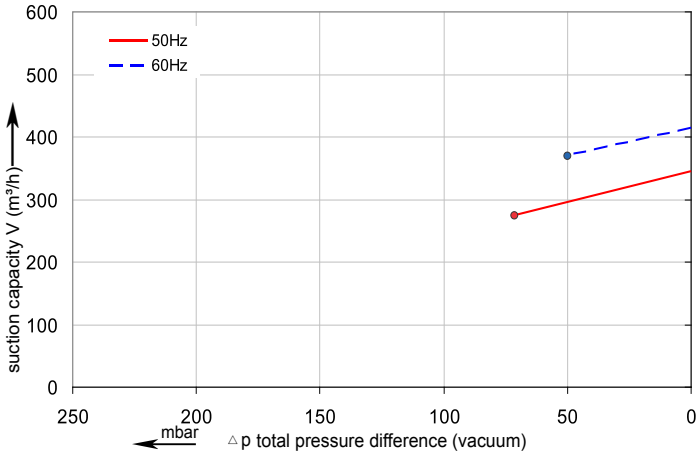
Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	0	P	Q	ØR	S	U	V	V'	V_1	V'_1	YxZ	X-Holes	ØX
EVSC-S62B3	3~	360	363	122	290	325	385	225	192	135	140	180	84	94	52	G2	83	15	4.5	M8X17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M8X20	0°/120°/240°	226

Eurovacuum

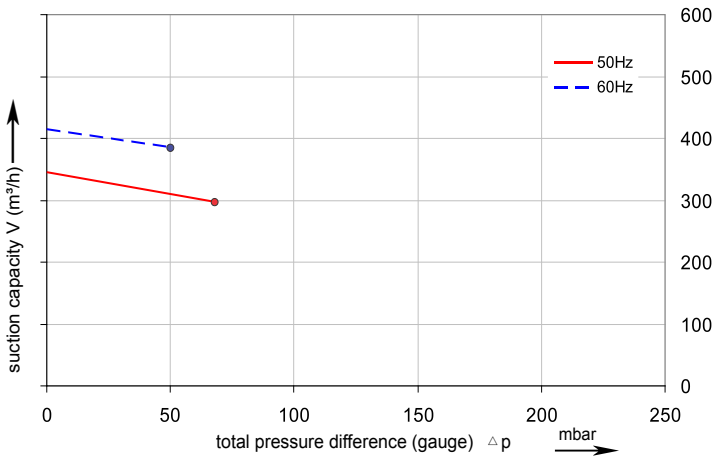


Single stage side channel vacuum pump / compressor
EVSC-S63B3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S63A3

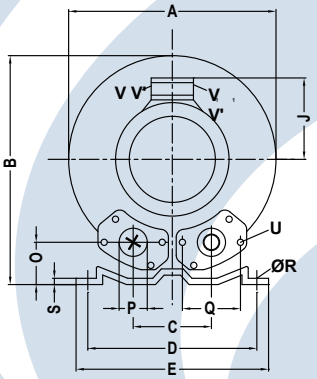
			50 Hz	60 Hz
Motor power		kW	1,6	2,05
Maximum airflow		m³/h	345	415
Ultimate pressure		mbar	+125	+130
Ultimate vacuum		mbar	-125	-105
Input voltage 3 phase Δ		V	220-240	220-275
Input voltage 3 phase Y		V	395-415	380-480
Input current Δ		A	8,5	8,8
Input current Y		A	4,9	5,1
Noise level		dB(A)	70	73
Weight		kg	29	29
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

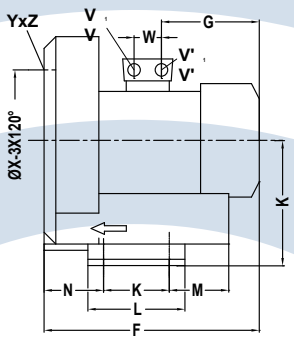
Ordering Information — TYPE EVSC-S63A3

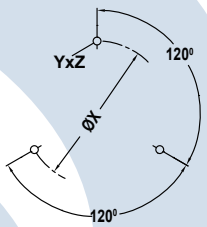
EVSC-S63A3	3ph AC	141363
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140011







Type	Phases																							X-Holes		
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	ØP	Q	ØR	S	U	$V_{(1\sim)}$	$V_{(1\sim)}$	$V_{(3\sim)}$	$V_{(3\sim)}$	YxZ		ØX	W
EVSC-S63B3	3~	360	366	122	284	325	372	191	192	128	140	180	64	74	56	G3”	93	13	4.5	M8x17	-	-	M25x1.5	M16x1.5	M8x20	0°/120°/240°	226	29

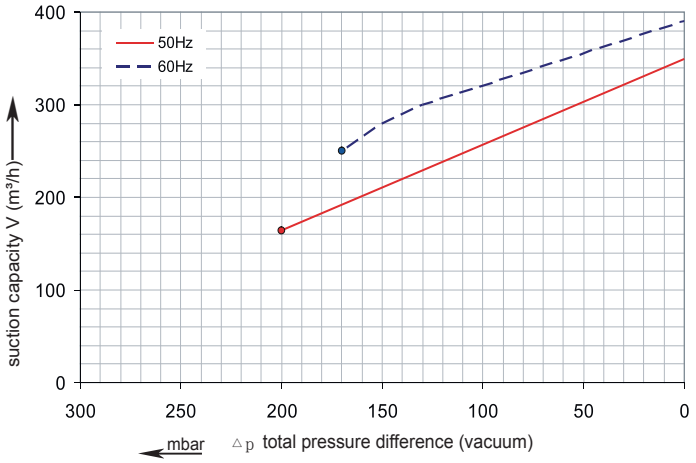
Eurovacuum



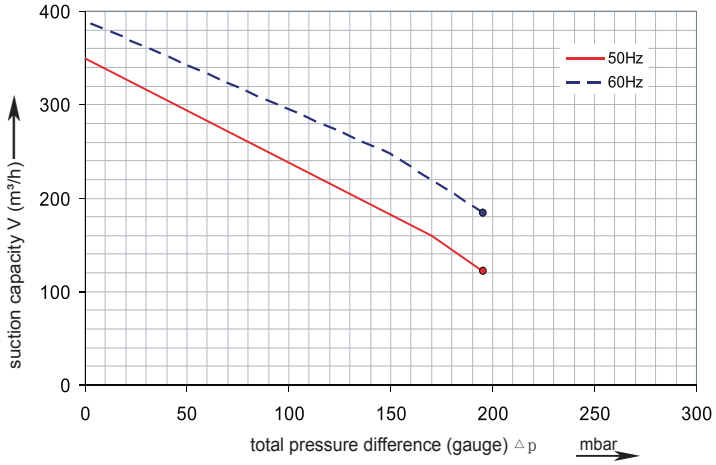
Single stage side channel vacuum pump / compressor

EVSC-S64A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-S64A3

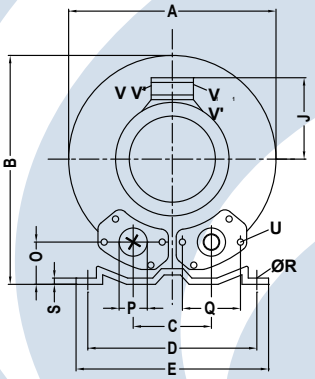
			50 Hz	60 Hz
Motor power		kW	2,2	2,55
Maximum airflow		m³/h	345	415
Ultimate pressure		mbar	+195	+195
Ultimate vacuum		mbar	-200	-170
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	9.7	10,3
Input current Y		A	5,6	6,0
Noise level		dB(A)	70	73
Weight		kg	29	29
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

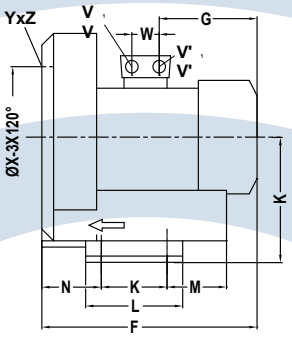
Ordering Information TYPE EVSC-S64A3

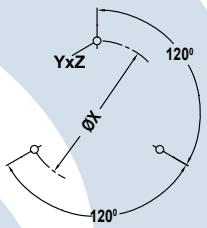
EVSC-S64A3	3ph AC	141364
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140011







Type	Phases																								X-Holes		
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	ØP	Q	ØR	S	U	$V_{(1-)}$	$V_{(1-)}$	$V_{(3-)}$	$V_{(3-)}$	YxZ		ØX	W
EVSC-S64A3	3~	360	366	122	284	325	372	191	192	128	140	180	64	74	56	G2”	93	13	4.5	M8x17	-	-	M25x1.5	M16x1.5	M8x20	0°/120°/240°	226	29

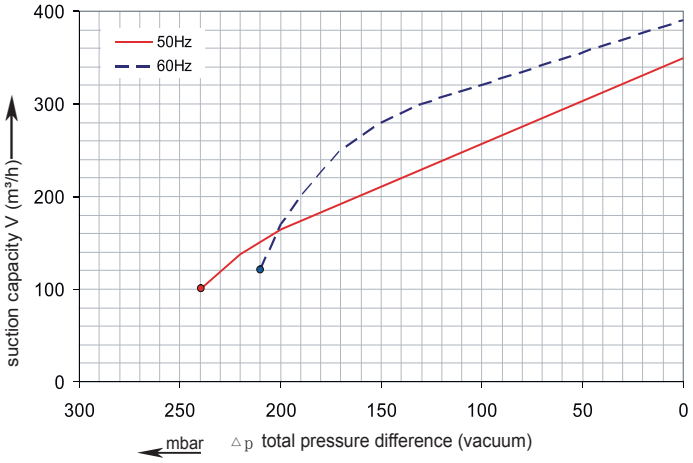
Eurovacuum



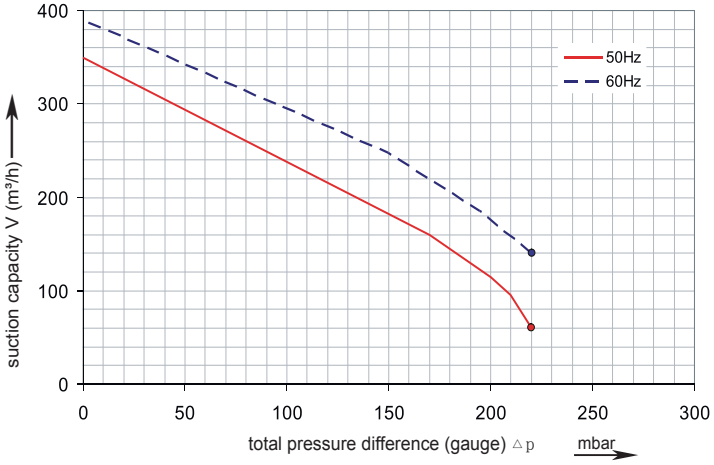
Single stage side channel vacuum pump / compressor

EVSC-S65A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S65A3

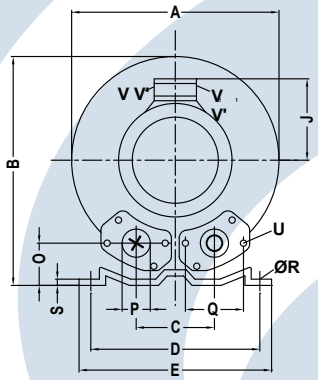
			50 Hz	60 Hz
Motor power		kW	3,0	3,45
Maximum airflow		m³/h	345	415
Ultimate pressure		mbar	+220	+220
Ultimate vacuum		mbar	-240	-210
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	12,5	12,6
Input current Y		A	7,2	7,3
Noise level		dB(A)	65	71
Weight		kg	32	32
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

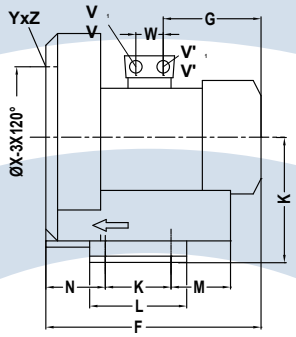
Ordering Information — TYPE EVSC-S65A3

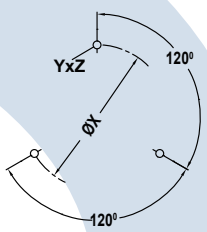
EVSC-S65A3	3ph AC	141365
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140011







Type	Phases																								X-Holes		
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	ØP	Q	ØR	S	U	$V_{(1-)}$	$V_{(1-)}$	$V_{(3-)}$	$V_{(3-)}$	YxZ		ØX	W
EVSC-S65A3	3~	360	366	122	284	325	403	188	192	135	140	180	64	74	56	G2”	93	13	4.5	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M8x20	0°/120°/240°	226	29

Eurovacuum

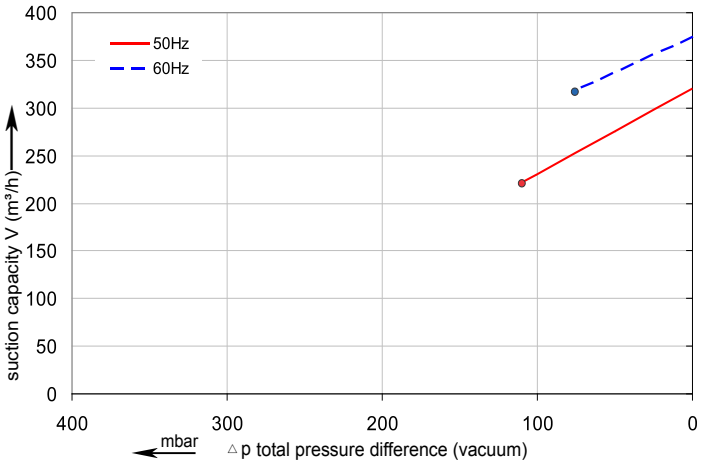


Single stage side channel vacuum pump / compressor

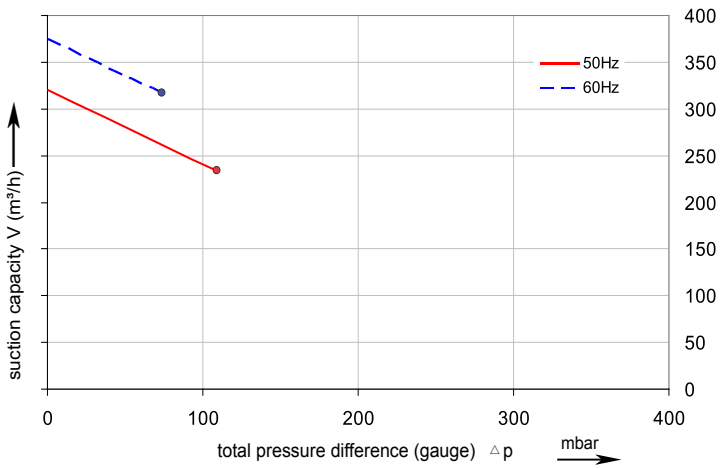
EVSC-S70B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S70B3

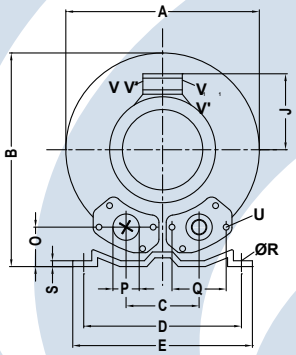
		50 Hz	60 Hz
Motor power	kW	1,5	1,75
Maximum airflow	m³/h	318	376
Ultimate pressure	mbar	+110	+80
Ultimate vacuum	mbar	-110	-80
Input voltage 3 phase Δ	V	200-260	230-290
Input voltage 3 phase Y	V	350-450	400-500
Input current Δ	A	5,7	5,7
Input current Y	A	3,3	3,3
Noise level	dB(A)	69	72
Weight	kg	26	26
Connection inlet	G(BSP)	2”	2”
outlet	G(BSP)	2”	2”

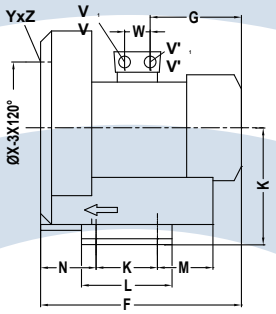
Ordering Information TYPE EVSC-S70B3

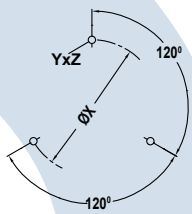
EVSC-S71B3	3ph AC	141370
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140011







Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V1	V'1	YxZ	X-Holes	ØX
EVSC-S70B3	3~	382	384	125	290	325	404	191	197	128	140	180	84	109	53	G2	83	15	4.5	M8X17	M25x1.5	M16x1.5	-	-	M10X20	0°/120°/240°	240

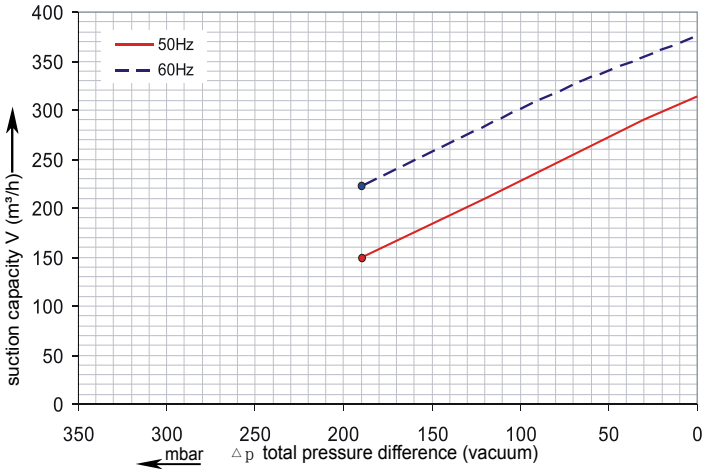
Eurovacuum



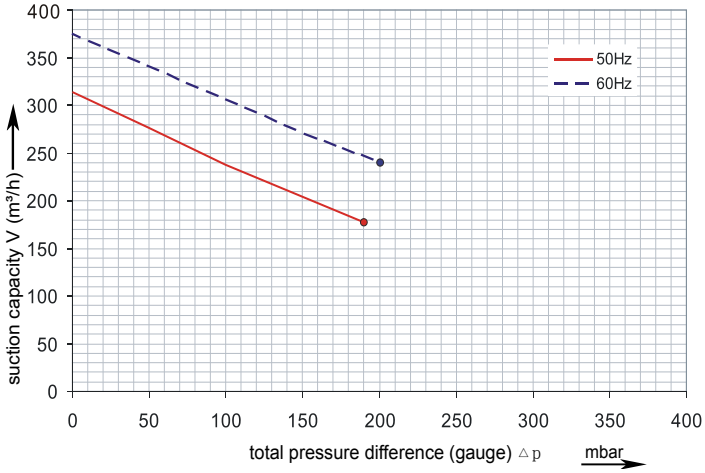
Single stage side channel vacuum pump / compressor

EVSC-S71A1

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S71A1

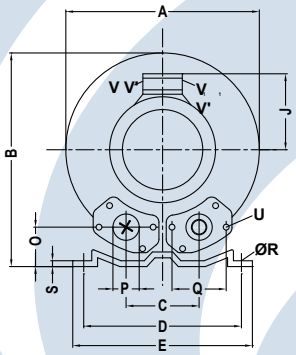
			50 Hz	60 Hz
Motor power		kW	2,2	2,55
Maximum airflow		m³/h	318	376
Ultimate pressure		mbar	+190	+200
Ultimate vacuum		mbar	-190	-190
Input voltage		V	230	230
Input current		A	12,8	12,8
Noise level		dB(A)	72	74
Weight		kg	30	30
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

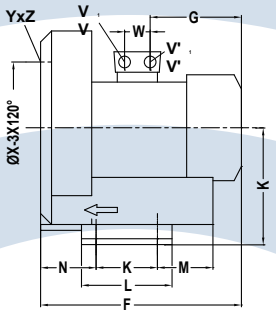
Ordering Information — TYPE EVSC-S71A3

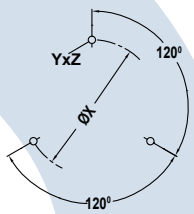
EVSC-S71A3	1ph AC	141171
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140012







Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	ØP	Q	ØR	S	U	$V_{(1\sim)}$	$V_{(1\sim)}$	$V_{(3\sim)}$	$V_{(3\sim)}$	YxZ	X-Holes	ØX	W
EVSC-S71B1	1~	382	384	125	290	325	403	188	197	128	140	180	84	109	54	G2”	83	15	4.5	M8x17	M25x1.5	M16x1.5	-	-	M10x20	0°/120°/240°	240	29

Eurovacuum

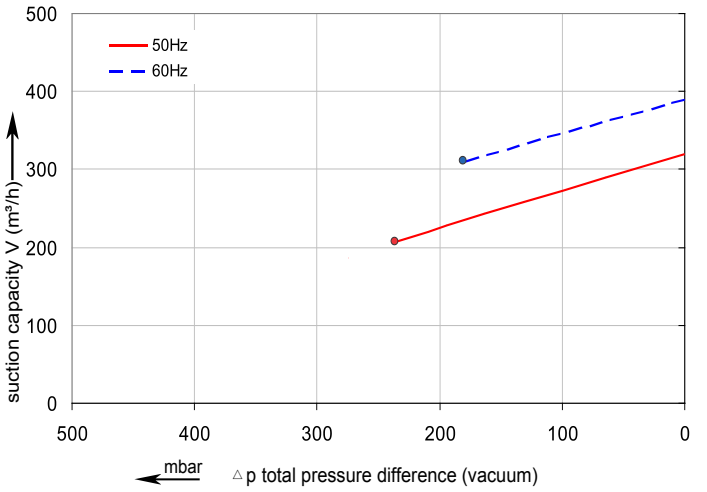


Single stage side channel vacuum pump / compressor

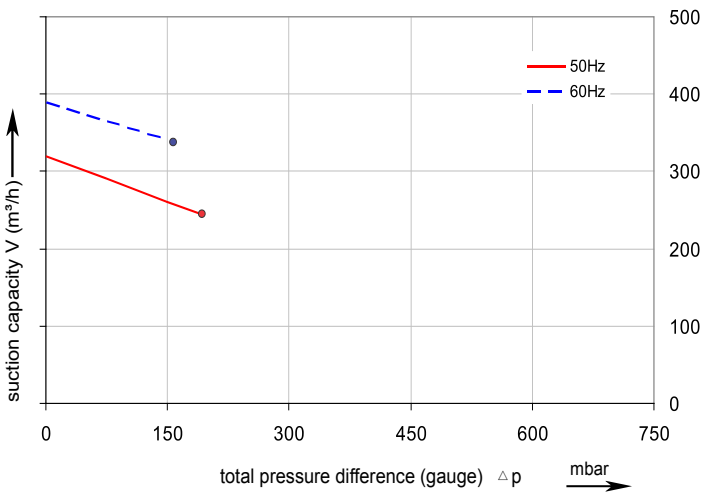
EVSC-S71B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S71B3

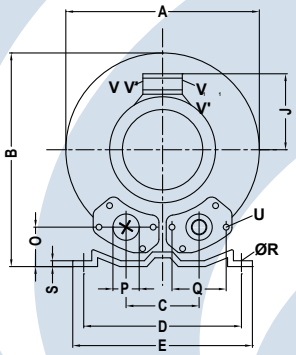
			50 Hz	60 Hz
Motor power		kW	2,2	2,55
Maximum airflow		m³/h	318	376
Ultimate pressure		mbar	+170	+140
Ultimate vacuum		mbar	-180	-150
Input voltage 3 phase Δ		V	200-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	8,1	8,0
Input current Y		A	4,6	4,6
Noise level		dB(A)	69	72
Weight		kg	29	29
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

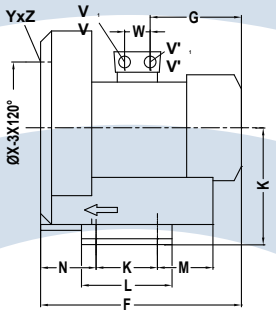
Ordering Information — TYPE EVSC-S71B3

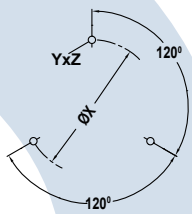
EVSC-S71B3	3ph AC	141371
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140012







Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V1	V'1	YxZ	X-Holes	ØX
EVSC-S71B3	3~	382	384	125	290	325	431	218	197	128	140	180	84	109	53	G2	83	15	4.5	M8X17	M25x1.5	M16x1.5	-	-	M10X20	0°/120°/240°	240

Eurovacuum

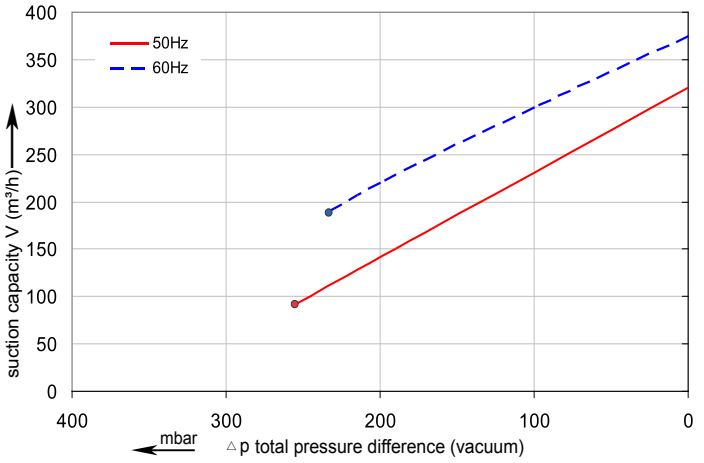


Single stage side channel vacuum pump / compressor

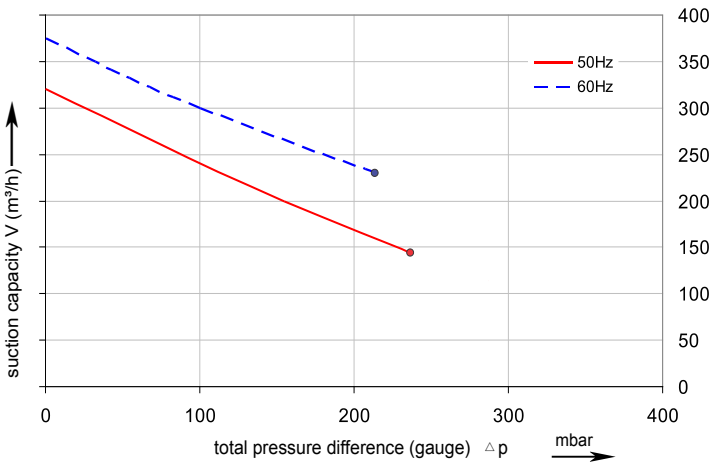
EVSC-S72B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S72B3

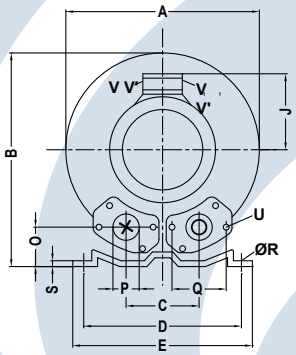
			50 Hz	60 Hz
Motor power		kW	3,0	3,45
Maximum airflow		m³/h	318	376
Ultimate pressure		mbar	+250	+220
Ultimate vacuum		mbar	-260	-230
Input voltage 3 phase Δ		V	200-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	11,4	10,8
Input current Y		A	6,5	6,2
Noise level		dB(A)	69	72
Weight		kg	34	34
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

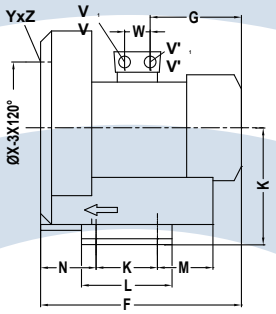
Ordering Information — TYPE EVSC-S72B3

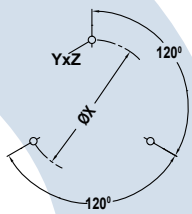
EVSC-S72B3	3ph AC	141372
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140012







Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V1	V'1	YxZ	X-Holes	ØX
EVSC-S72B3	3~	382	384	125	290	325	446	225	197	135	140	180	84	109	53	G2	83	15	4.5	M8X17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10X20	0°/120°/240°	240

Eurovacuum

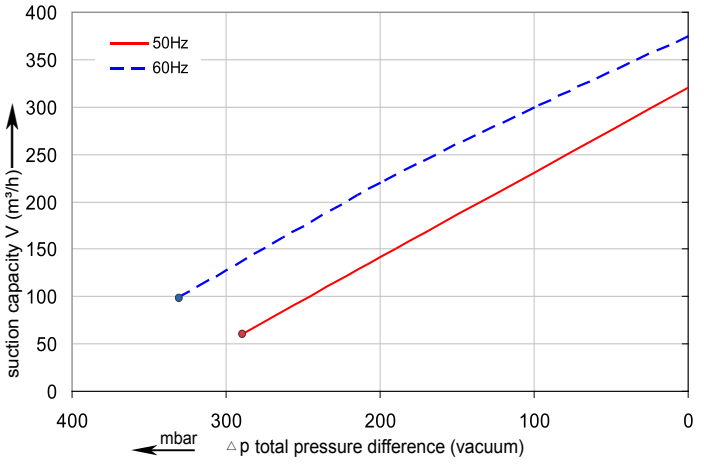


Single stage side channel vacuum pump / compressor

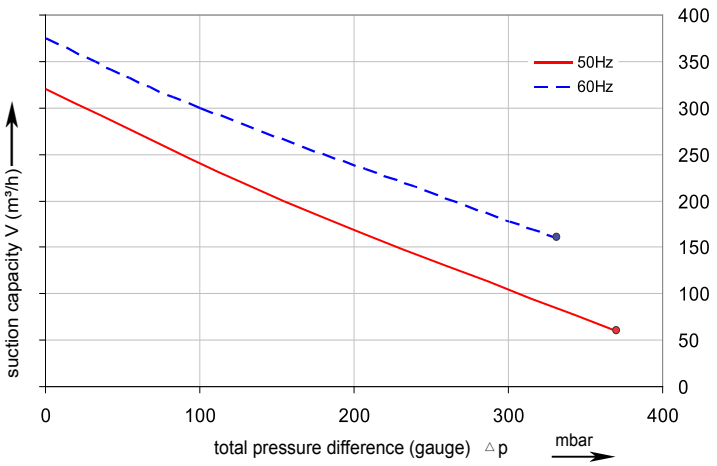
EVSC-S73B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S73B3

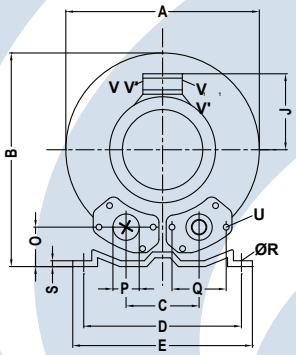
			50 Hz	60 Hz
Motor power		kW	4,0	4,6
Maximum airflow		m³/h	318	376
Ultimate pressure		mbar	+270	+330
Ultimate vacuum		mbar	-290	-330
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	8,4	8,2
Input current Y		A	4,8	4,7
Noise level		dB(A)	69	72
Weight		kg	42	42
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

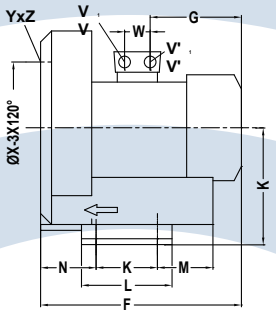
Ordering Information — TYPE EVSC-S73B3

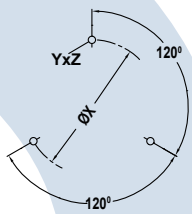
EVSC-S73B3	50/60 Hz	141373
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140012

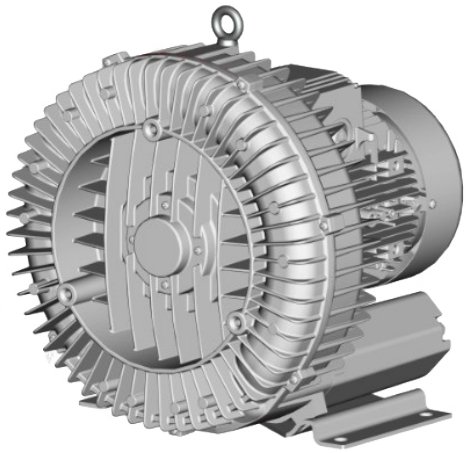






Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V1	V'1	YxZ	X-Holes	ØX
EVSC-S73B3	3~	382	384	125	290	325	470	249	197	148	140	180	84	109	53	G2	83	15	4.5	M8X17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10X20	0°/120°/240°	240

Eurovacuum

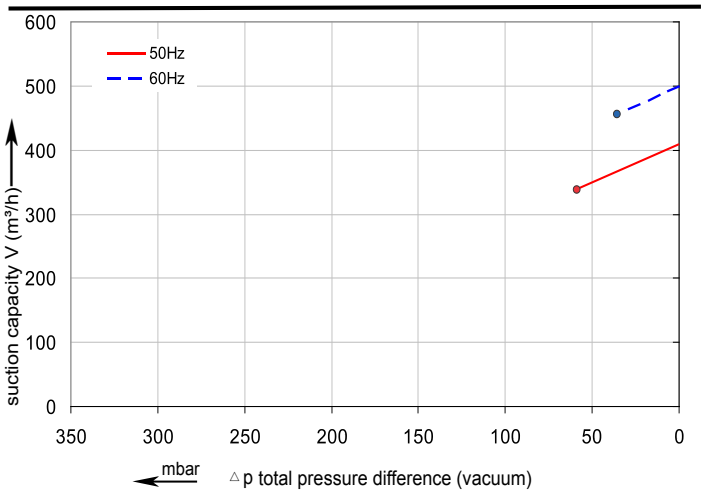


Single stage side channel vacuum pump / compressor

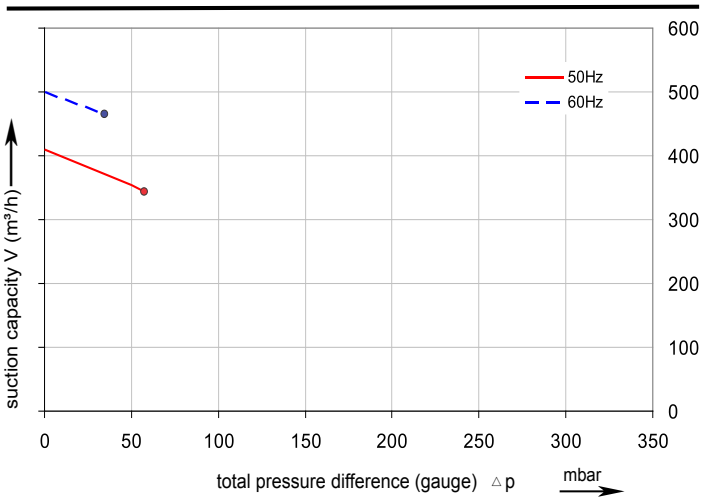
EVSC-S74B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S74B3

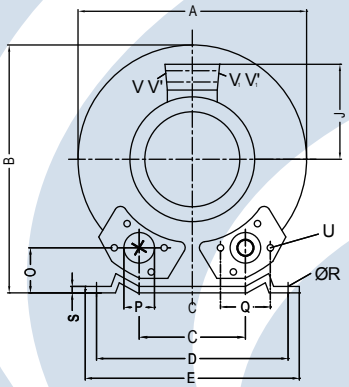
			50 Hz	60 Hz
Motor power		kW	1,5	1,75
Maximum airflow		m³/h	420	500
Ultimate pressure		mbar	+60	+30
Ultimate vacuum		mbar	-60	-30
Input voltage 3 phase Δ		V	200-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	5,7	5,7
Input current Y		A	3,3	3,3
Noise level		dB(A)	70	73
Weight		kg	26	26
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

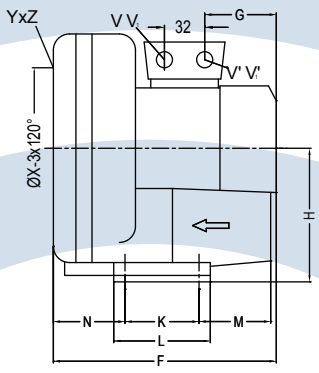
Ordering Information — TYPE EVSC-S74B3

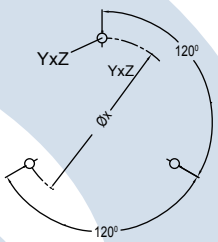
EVSC-S74B3	3ph AC	141374
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140012







Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V1	V'1	YxZ	X-Holes	ØX
EVSC-S74B3	3~	382	384	125	290	325	387	191	197	128	140	180	84	119	53	G2	83	15	4.5	M8X17	M25x1.5	M16x1.5	-	-	M10X20	0°/120°/240°	240

Eurovacuum

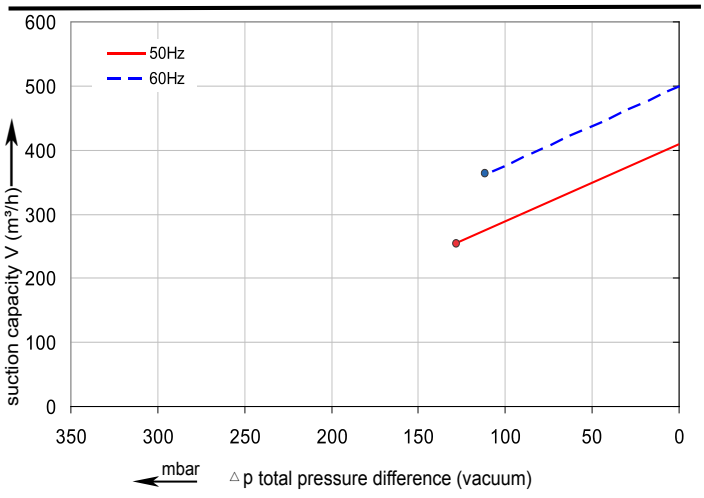


Single stage side channel vacuum pump / compressor

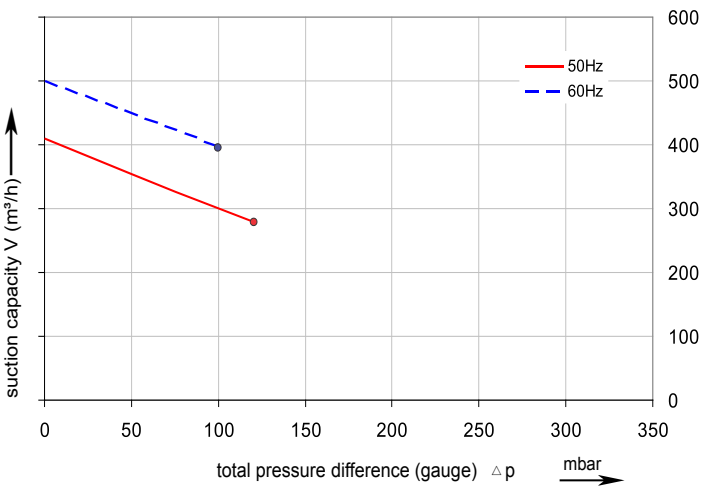
EVSC-S75B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S75B3

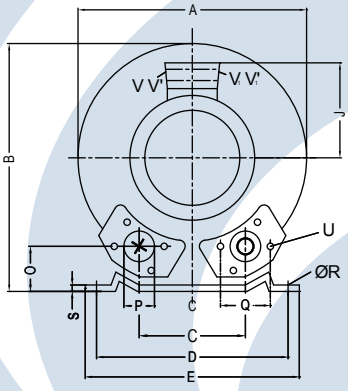
			50 Hz	60 Hz
Motor power		kW	2,2	2,55
Maximum airflow		m³/h	420	500
Ultimate pressure		mbar	+120	+100
Ultimate vacuum		mbar	-130	-110
Input voltage 3 phase Δ		V	200-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	8,1	8,0
Input current Y		A	4,6	4,6
Noise level		dB(A)	70	73
Weight		kg	29	29
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

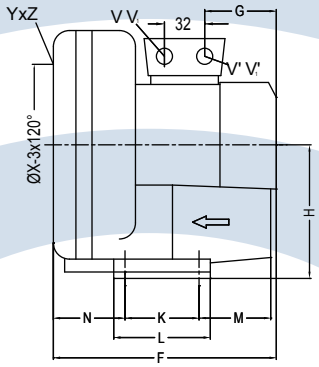
Ordering Information — TYPE EVSC-S75B3

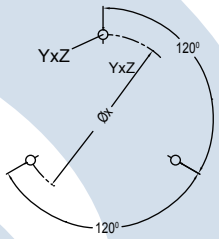
EVSC-S75B3	3ph AC	141375
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140012







Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V1	V'1	YxZ	X-Holes	ØX
EVSC-S75B3	3~	382	384	125	290	325	414	218	197	128	140	180	84	119	53	G2	83	15	4.5	M8X17	M25x1.5	M16x1.5	-	-	M10X20	0°/120°/240°	240

Eurovacuum

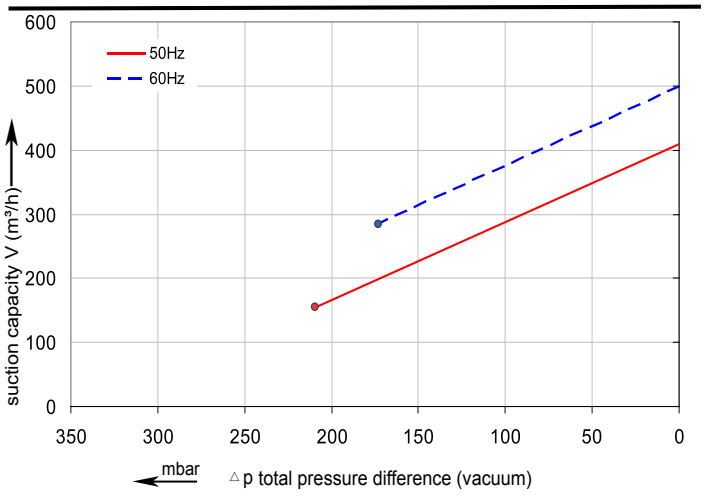


Single stage side channel vacuum pump / compressor

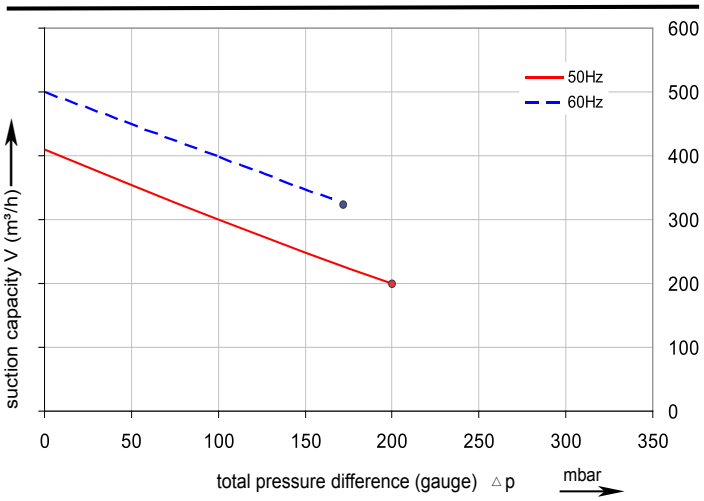
EVSC-S76B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S76B3

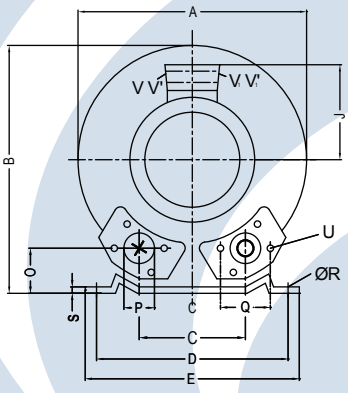
			50 Hz	60 Hz
Motor power		kW	3,0	3,45
Maximum airflow		m³/h	420	500
Ultimate pressure		mbar	+200	+170
Ultimate vacuum		mbar	-210	-180
Input voltage 3 phase Δ		V	200-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	11,4	10,8
Input current Y		A	6,5	6,2
Noise level		dB(A)	70	73
Weight		kg	34	34
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

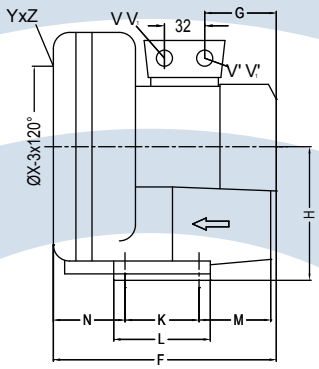
Ordering Information — TYPE EVSC-S76B3

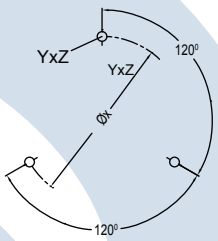
EVSC-S76B3	3ph AC	141376
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140012







Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V1	V'1	YxZ	X-Holes	ØX
EVSC-S76B3	3~	382	384	125	290	325	455	225	197	135	140	180	84	119	53	G2	83	15	4.5	M8X17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10X20	0°/120°/240°	240

Eurovacuum

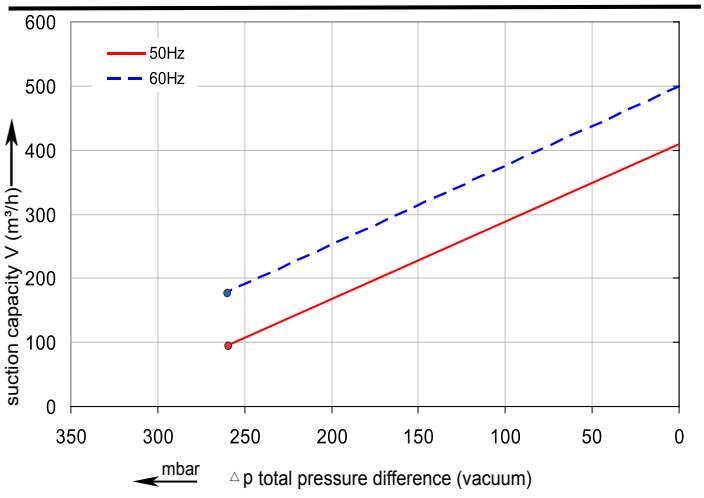


Single stage side channel vacuum pump / compressor

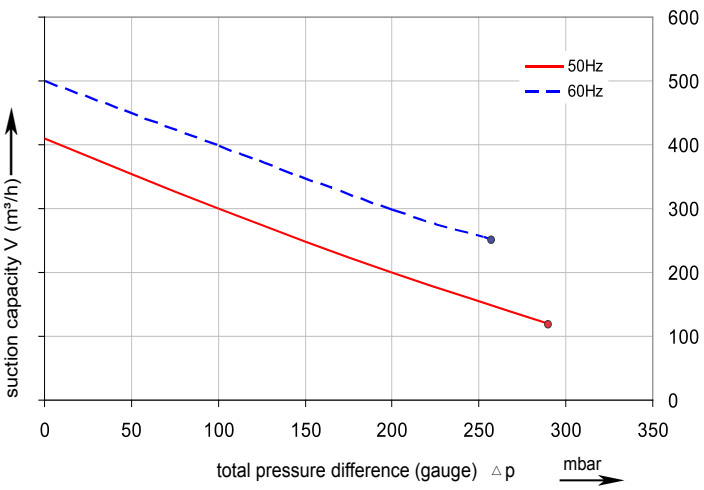
EVSC-S77B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S77B3

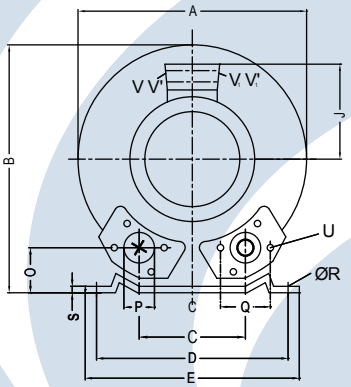
			50 Hz	60 Hz
Motor power		kW	4,0	4,6
Maximum airflow		m³/h	420	500
Ultimate pressure		mbar	+290	+260
Ultimate vacuum		mbar	-260	-260
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	8,4	8,2
Input current Y		A	4,8	4,7
Noise level		dB(A)	70	73
Weight		kg	42	42
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

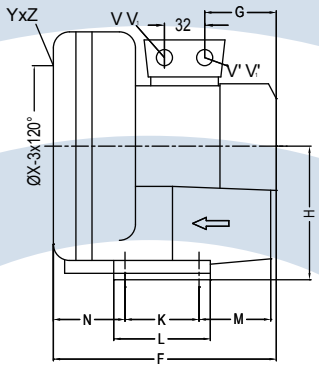
Ordering Information — TYPE EVSC-S77B3

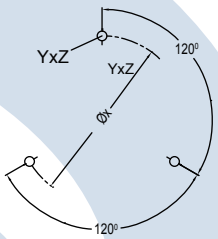
EVSC-S77B3	3ph AC	141377
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140012

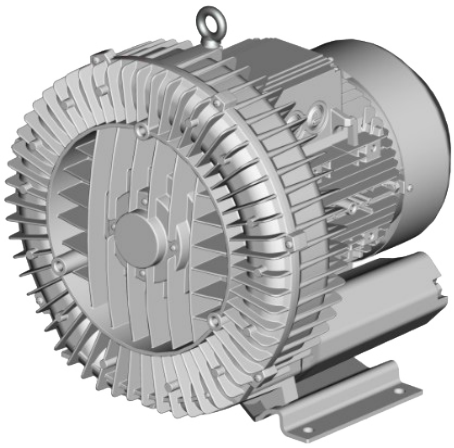






Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V₁	V'₁	YxZ	X-Holes	ØX
EVSC-S77B3	3~	382	384	125	290	325	480	249	197	148	140	180	84	119	53	G2	83	15	4.5	M8X17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10X20	0°/120°/240°	240

Eurovacuum

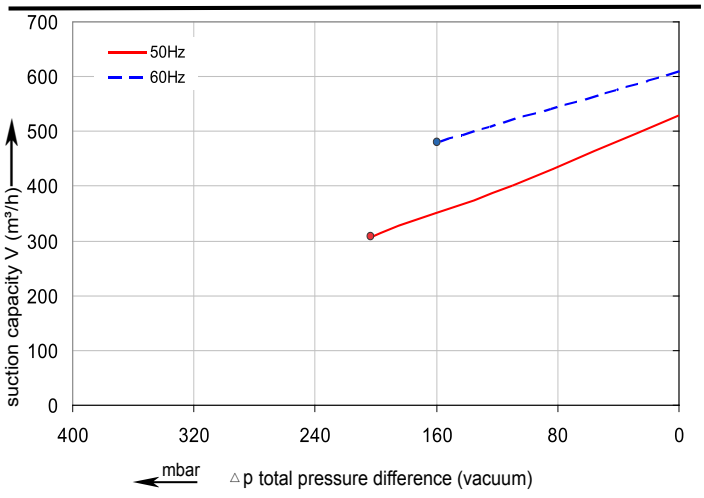


Single stage side channel vacuum pump / compressor

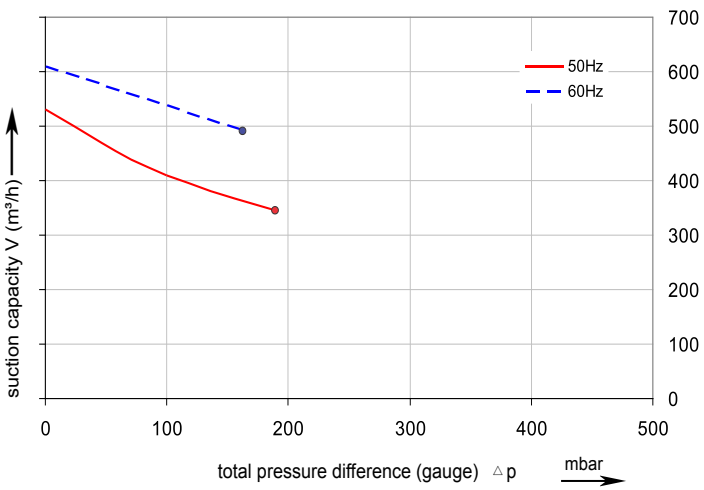
EVSC-S80B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S80B3

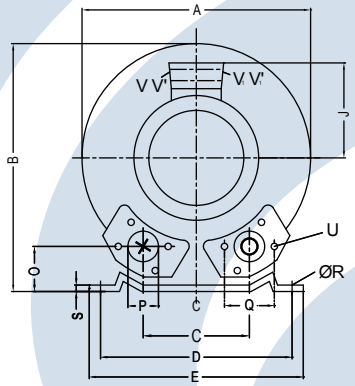
			50 Hz	60 Hz
Motor power		kW	4,0	4,6
Maximum airflow		m³/h	530	620
Ultimate pressure		mbar	+190	+160
Ultimate vacuum		mbar	-200	-160
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	8,4	8,2
Input current Y		A	4,8	4,7
Noise level		dB(A)	70	74
Weight		kg	112	112
Connection	inlet	G(BSP)	2½"	2½"
	outlet	G(BSP)	2½"	2½"

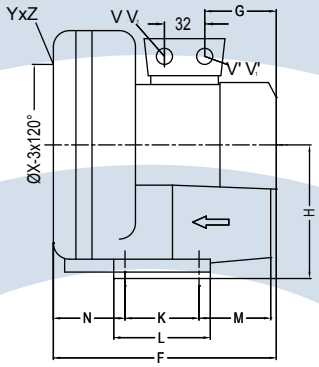
Ordering Information TYPE EVSC-S80B3

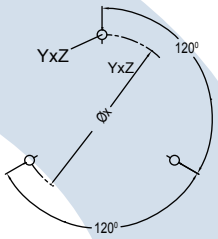
EVSC-S80B3	3ph AC	141380
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140037
Compressor suction filter	140027
Set of feet for horizontal positioning	140012

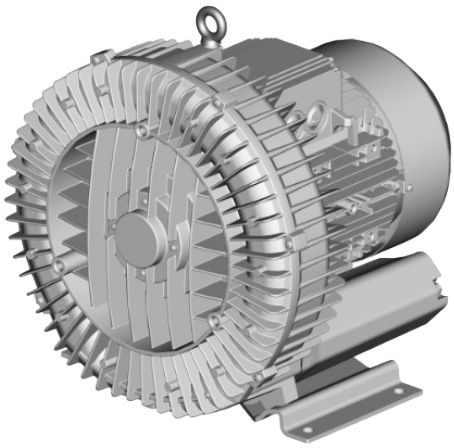






Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V1	V'1	YxZ	X-Holes	ØX
EVSC-S80B3	3~	451	461	152	356	394	490	249	240	148	170	217	140	124	65	G2½	94	15	6	M8X17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10X20	0°/120°/240°	286

Eurovacuum

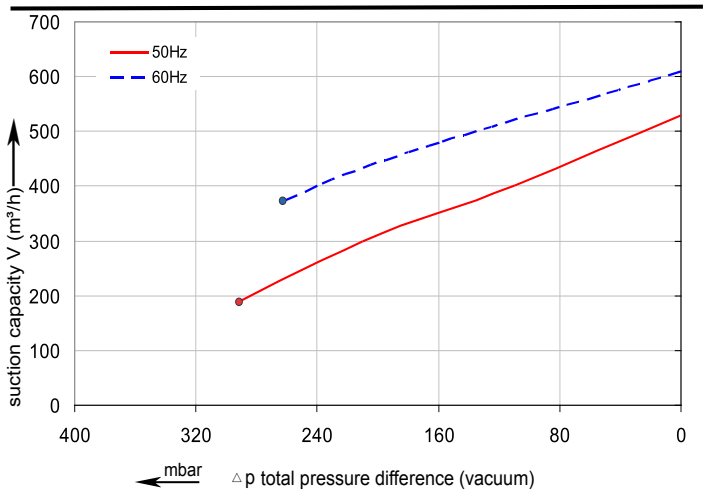


Single stage side channel vacuum pump / compressor

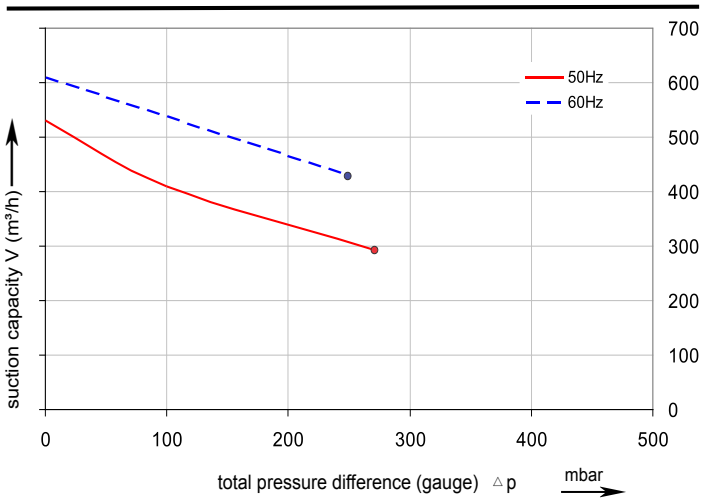
EVSC-S81B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S81B3

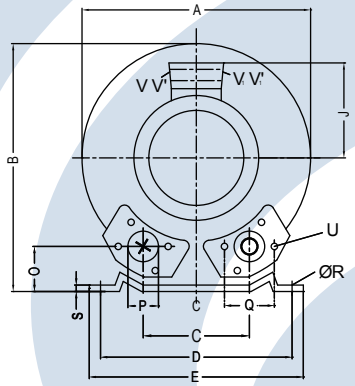
			50 Hz	60 Hz
Motor power		kW	5,5	6.3
Maximum airflow		m³/h	530	620
Ultimate pressure		mbar	+280	+250
Ultimate vacuum		mbar	-300	-260
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	11,1	11,0
Input current Y		A	6,4	6,4
Noise level		dB(A)	70	74
Weight		kg	126	126
Connection	inlet	G(BSP)	2½"	2½"
	outlet	G(BSP)	2½"	2½"

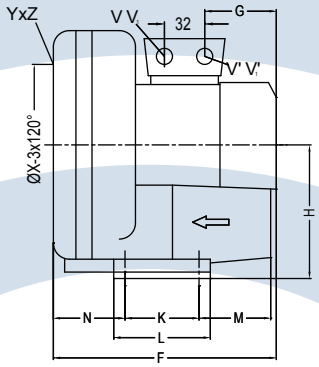
Ordering Information — TYPE EVSC-S81B3

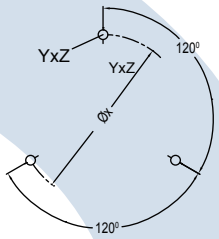
EVSC-S80B3	3ph AC	141381
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140037
Compressor suction filter	140027
Set of feet for horizontal positioning	140012

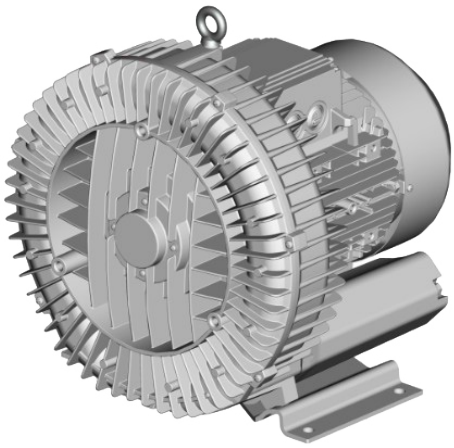






Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V1	V'1	YxZ	X-Holes	ØX
EVSC-S81B3	3~	451	461	152	356	394	477	226	240	167	170	217	140	124	65	G2½	94	15	6	M8X17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10X20	0°/120°/240°	286

Eurovacuum

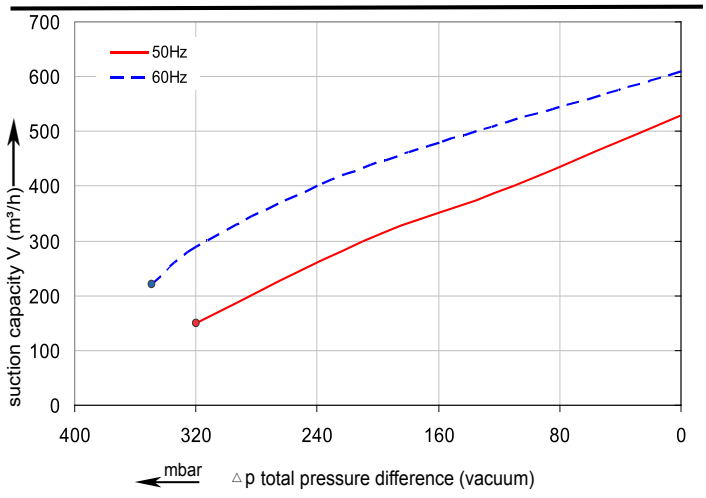


Single stage side channel vacuum pump / compressor

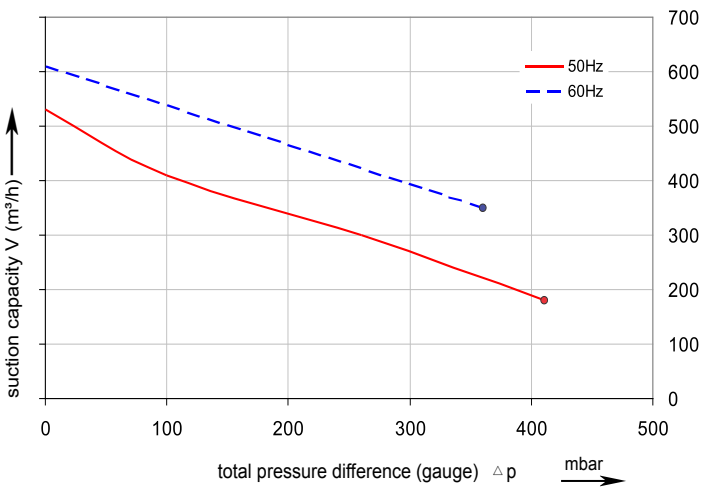
EVSC-S82B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S82B3

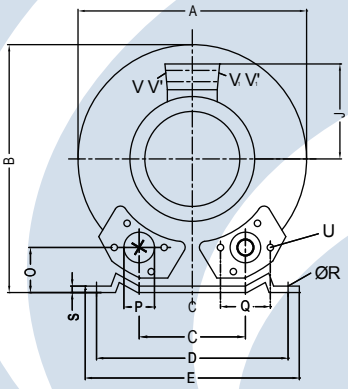
			50 Hz	60 Hz
Motor power		kW	7,5	8,6
Maximum airflow		m³/h	530	620
Ultimate pressure		mbar	+410	+360
Ultimate vacuum		mbar	-320	-350
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	15,0	15,1
Input current Y		A	8,7	8,8
Noise level		dB(A)	70	74
Weight		kg	128	128
Connection	inlet	G(BSP)	2½"	2½"
	outlet	G(BSP)	2½"	2½"

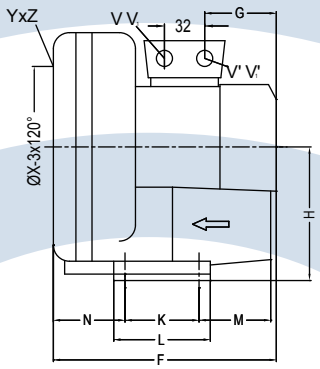
Ordering Information — TYPE EVSC-S82B3

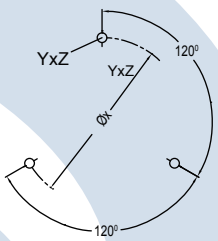
EVSC-S82B3	3ph AC	141382
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140037
Compressor suction filter	140027
Set of feet for horizontal positioning	140012

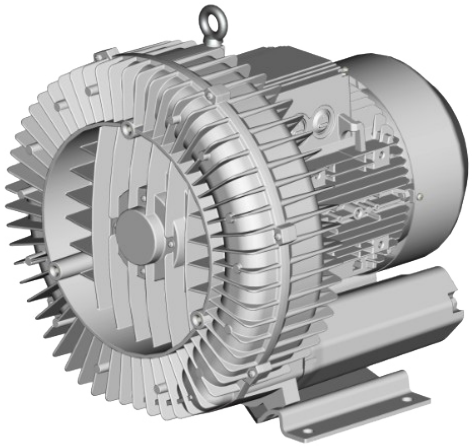






Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V1	V'1	YxZ	X-Holes	ØX
EVSC-S82B3	3~	451	461	152	356	394	513	262	240	167	170	217	140	124	65	G2½	94	15	6	M8X17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10X20	0°/120°/240°	286

Eurovacuum

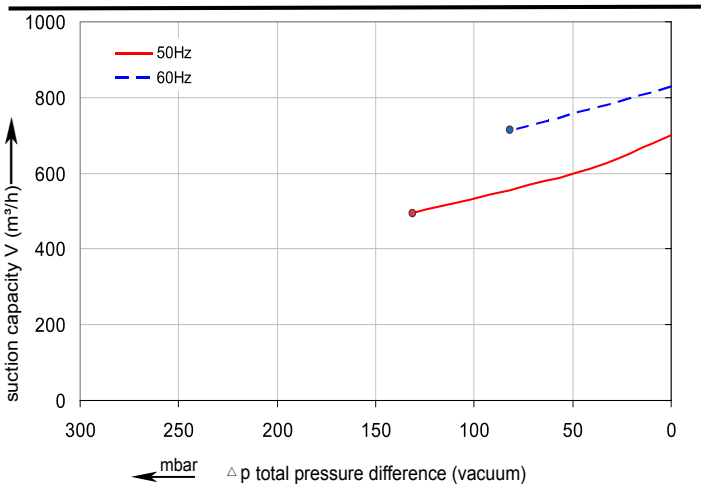


Single stage side channel vacuum pump / compressor

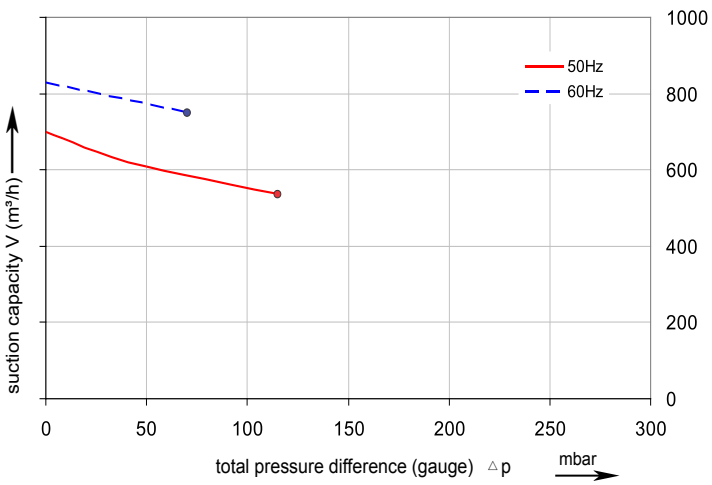
EVSC-S83B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S83B3

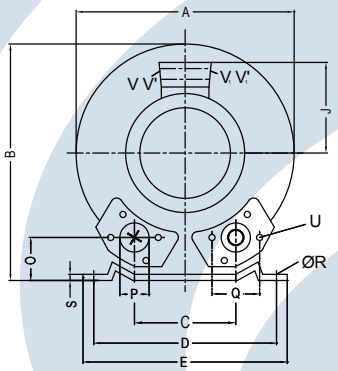
			50 Hz	60 Hz
Motor power		kW	4,0	4,6
Maximum airflow		m³/h	700	840
Ultimate pressure		mbar	+120	+70
Ultimate vacuum		mbar	-130	-80
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	8,4	8,2
Input current Y		A	4,8	4,7
Noise level		dB(A)	70	74
Weight		kg	112	112
Connection	inlet	G(BSP)	2½"	2½"
	outlet	G(BSP)	2½"	2½"

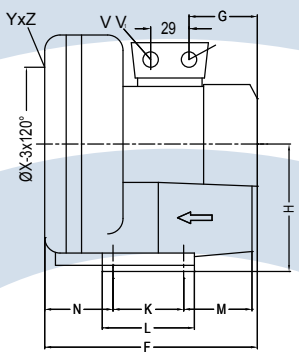
Ordering Information — TYPE EVSC-S83B3

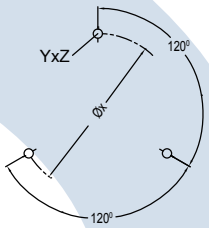
EVSC-S83B3	3ph AC	141383
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140037
Compressor suction filter	140027
Set of feet for horizontal positioning	140012

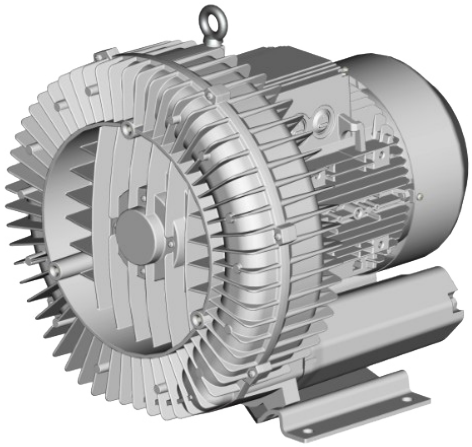






Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V₁	V'₁	YxZ	X-Holes	ØX
EVSC-S83B3	3~	451	461	152	356	394	506	249	240	148	170	217	140	139	65	G2½	94	15	6	M8X17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10X20	0°/120°/240°	286

Eurovacuum

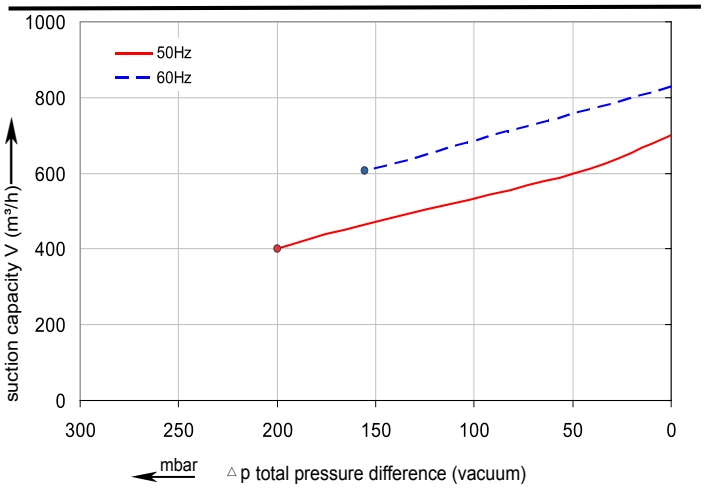


Single stage side channel vacuum pump / compressor

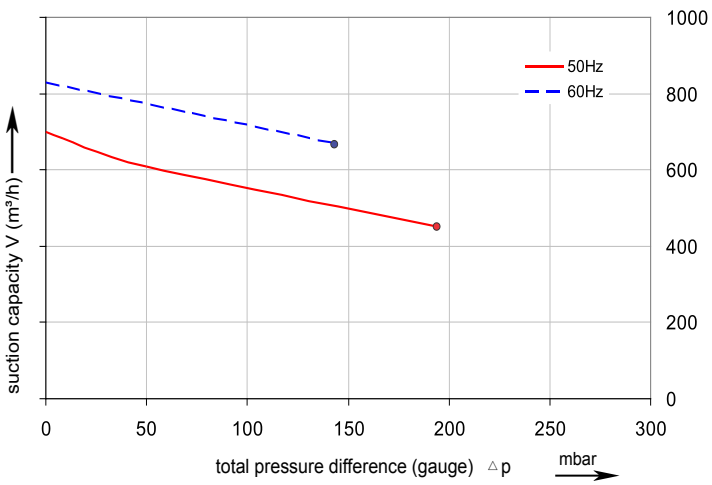
EVSC-S84B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S84B3

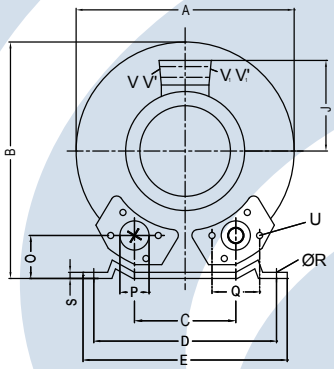
			50 Hz	60 Hz
Motor power		kW	5,5	6,3
Maximum airflow		m³/h	700	840
Ultimate pressure		mbar	+190	+140
Ultimate vacuum		mbar	-200	-160
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	11,1	11,0
Input current Y		A	6,4	6,4
Noise level		dB(A)	70	74
Weight		kg	66	66
Connection	inlet	G(BSP)	2½"	2½"
	outlet	G(BSP)	2½"	2½"

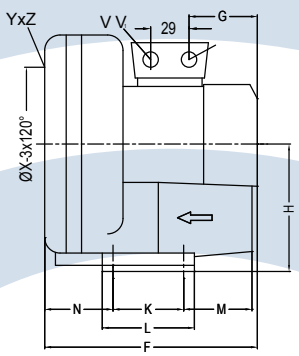
Ordering Information — TYPE EVSC-S84B3

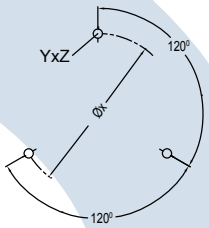
EVSC-S84B3	3ph AC	141383
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140037
Compressor suction filter	140027
Set of feet for horizontal positioning	140012

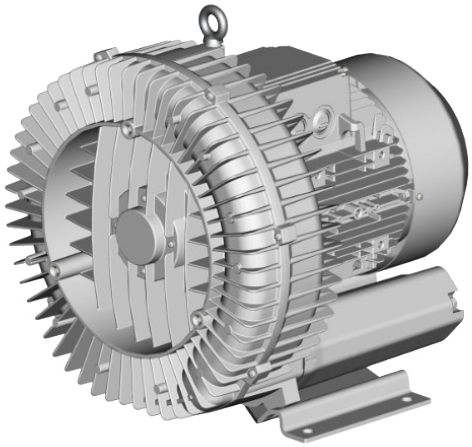






Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V₁	V'₁	YxZ	X-Holes	ØX
EVSC-S84B3	3~	451	461	152	356	394	493	226	240	167	170	217	140	139	65	G2½	94	15	6	M8X17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10X20	0°/120°/240°	286

Eurovacuum

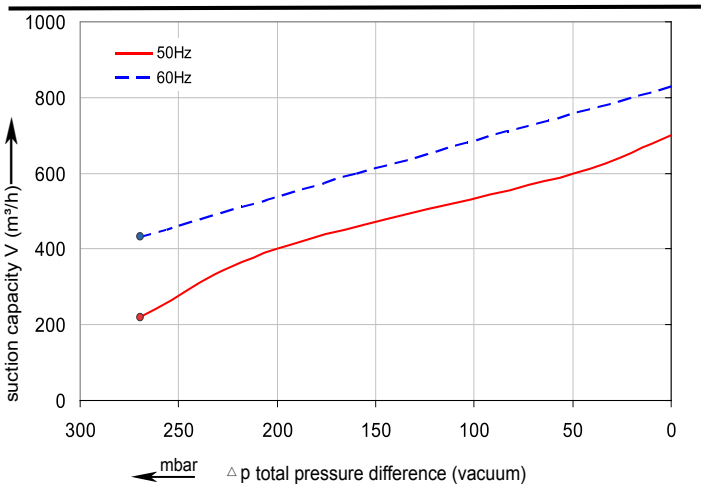


Single stage side channel vacuum pump / compressor

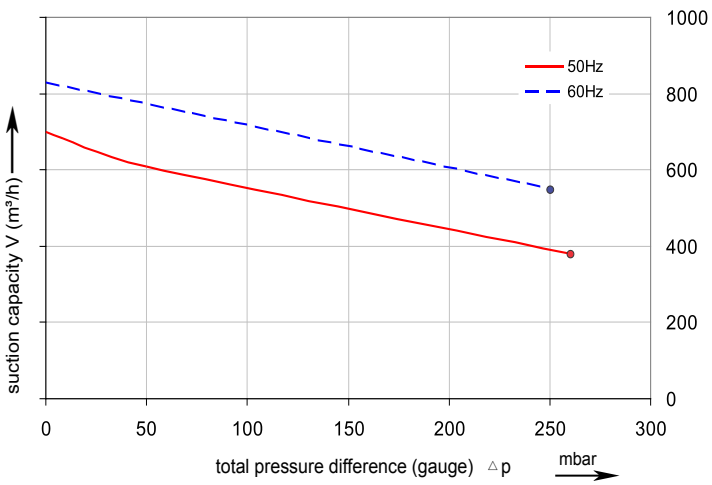
EVSC-S85B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S85B3

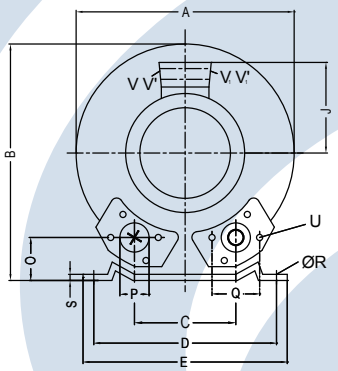
			50 Hz	60 Hz
Motor power		kW	7,5	8,6
Maximum airflow		m³/h	700	840
Ultimate pressure		mbar	+260	+250
Ultimate vacuum		mbar	-270	-270
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	15,1	15,3
Input current Y		A	8,7	8,8
Noise level		dB(A)	70	74
Weight		kg	128	128
Connection	inlet	G(BSP)	2½"	2½"
	outlet	G(BSP)	2½"	2½"

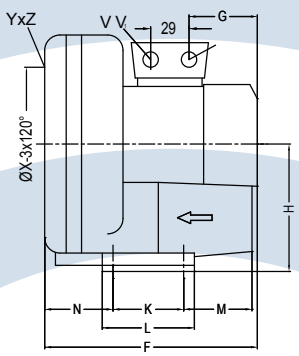
Ordering Information — TYPE EVSC-S85B3

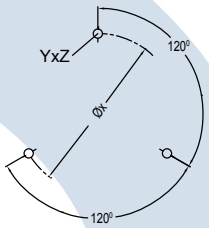
EVSC-S85B3	3ph AC	141385
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140037
Compressor suction filter	140027
Set of feet for horizontal positioning	140012

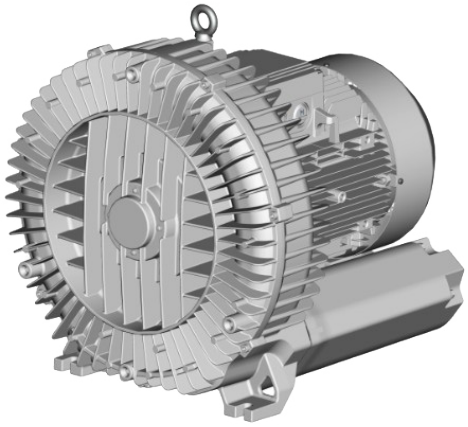






Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V₁	V'₁	YxZ	X-Holes	ØX
EVSC-S85B3	3~	451	461	152	356	394	529	262	240	167	170	217	140	139	65	G2½	94	15	6	M8X17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10X20	0°/120°/240°	286

Eurovacuum

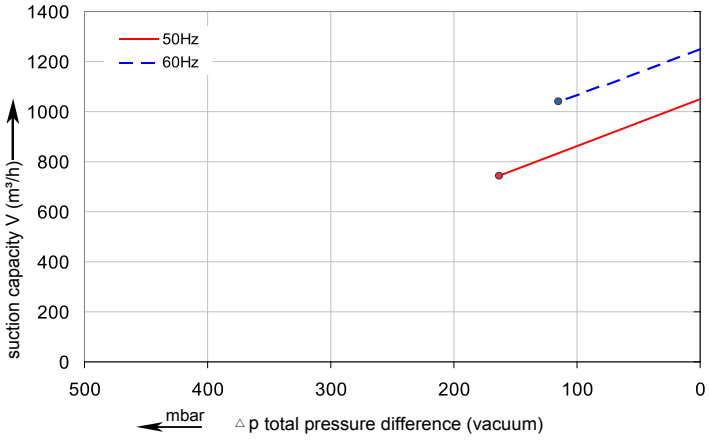


Single stage side channel vacuum pump / compressor

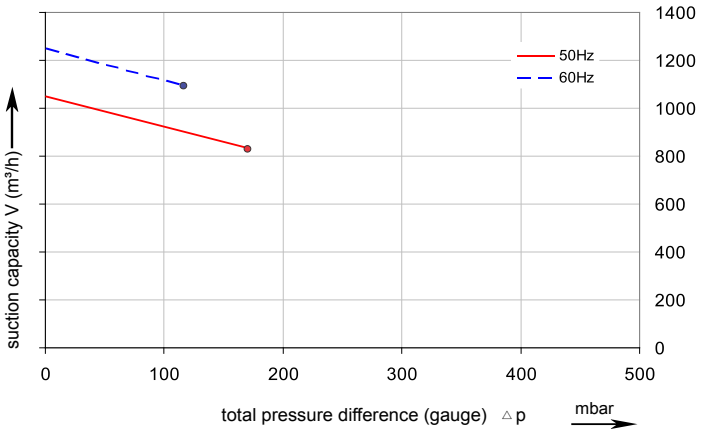
EVSC-S90B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S90B3

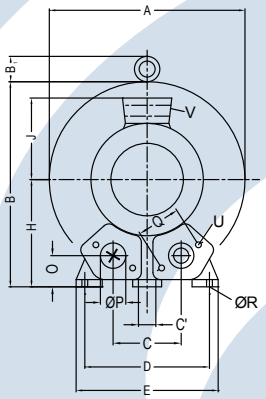
			50 Hz	60 Hz
Motor power		kW	7,5	8,6
Maximum airflow		m³/h	1050	1250
Ultimate pressure		mbar	+150	+110
Ultimate vacuum		mbar	-160	-120
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	15,0	15,1
Input current Y		A	8,7	8,8
Noise level		dB(A)	74	79
Weight		kg	172	172
Connection	inlet	G(BSP)	4”	4”
	outlet	G(BSP)	4”	4”

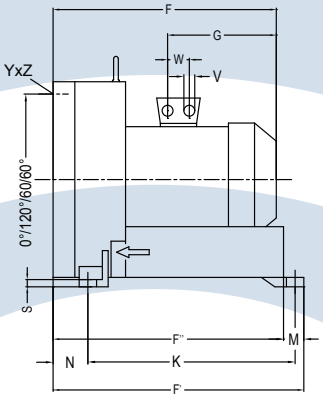
Ordering Information — TYPE EVSC-S90B3

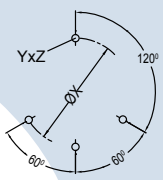
EVSC-S90B3	3ph AC	141390
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140013

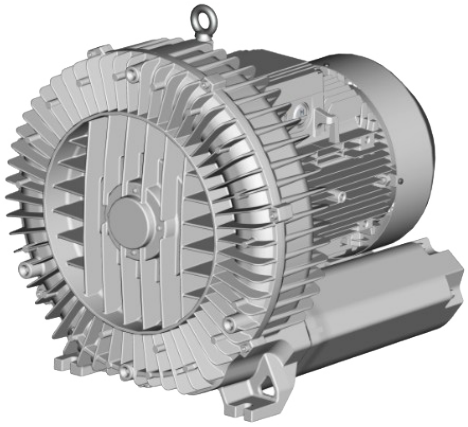






Type	Phases	A	B	B1	C	C'	D	E	F	F'	F''	G	H	J	K	M	N	O	P	Q	ØR	S	U	W	V	YxZ	X-Holes	ØX
EVSC-S90B3	3~	550	569	55	207	15	360	415	561	644	605	304	300	167	533	39	89	92	G4	150	15	21	M12x30	42	4XM32X1.5	M12x30	0°/120°/60/60°	490

Eurovacuum

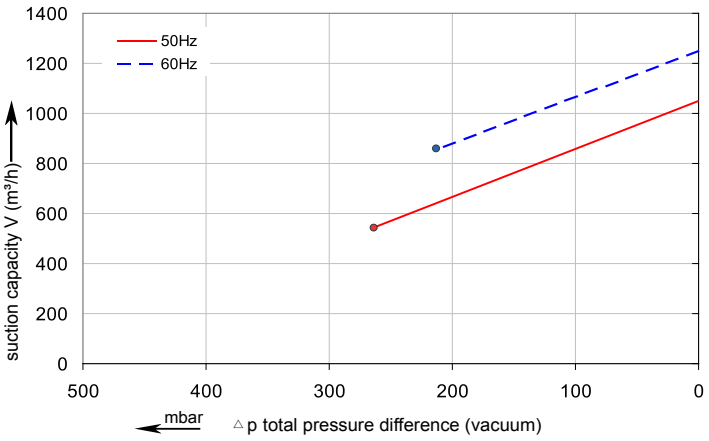


Single stage side channel vacuum pump / compressor

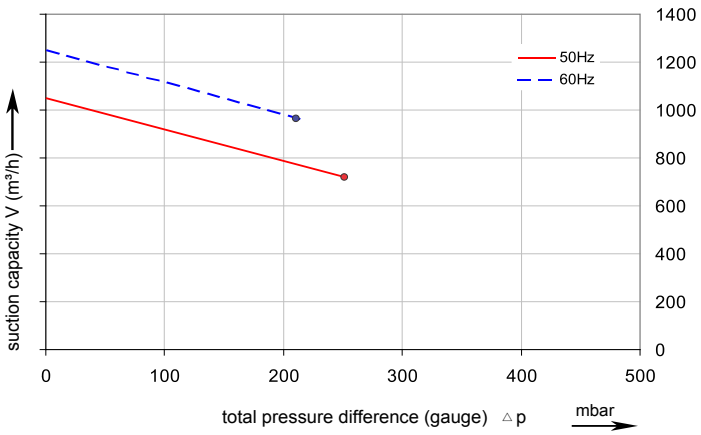
EVSC-S91A3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S91B3

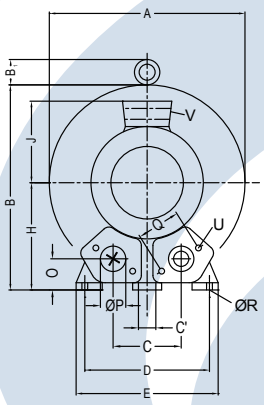
			50 Hz	60 Hz
Motor power		kW	11,0	12,6
Maximum airflow		m³/h	1050	1250
Ultimate pressure		mbar	+250	+210
Ultimate vacuum		mbar	-270	-220
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	22,0	22,0
Input current Y		A	12,7	12,9
Noise level		dB(A)	74	79
Weight		kg	191	191
Connection	inlet	G(BSP)	4”	4”
	outlet	G(BSP)	4”	4”

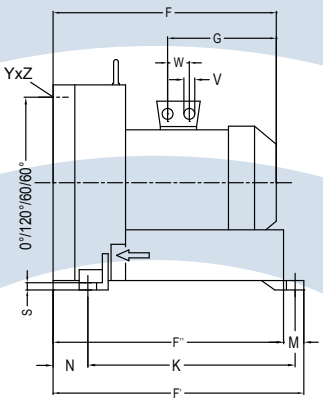
Ordering Information — TYPE EVSC-S91B3

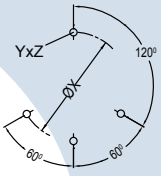
EVSC-S91B3	3ph AC	141391
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140013

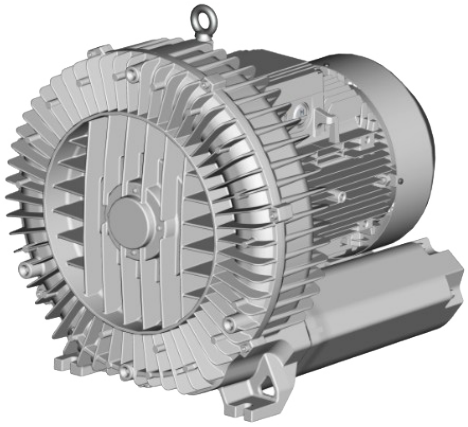






Type	Phases	A	B	B1	C	C'	D	E	F	F'	F''	G	H	J	K	M	N	O	P	Q	ØR	S	U	W	V	YxZ	X-Holes	ØX
EVSC-S91B3	3~	550	569	55	207	15	360	415	611	644	605	345	300	197	533	39	89	92	G4	150	15	21	M12x30	54	4XM40X1.5	M12x30	0°/120°/60/60°	490

Eurovacuum

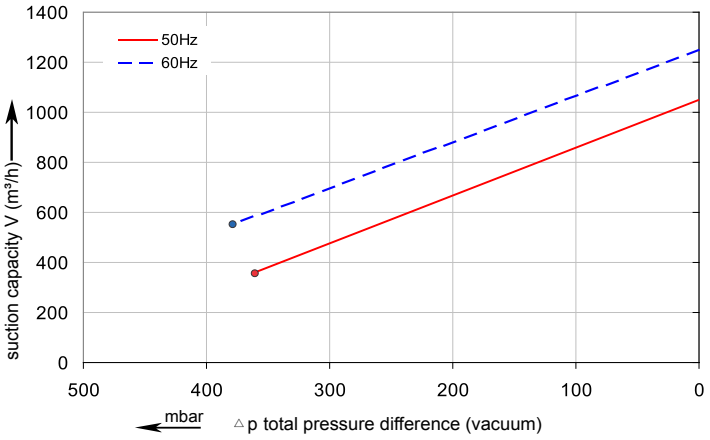


Single stage side channel vacuum pump / compressor

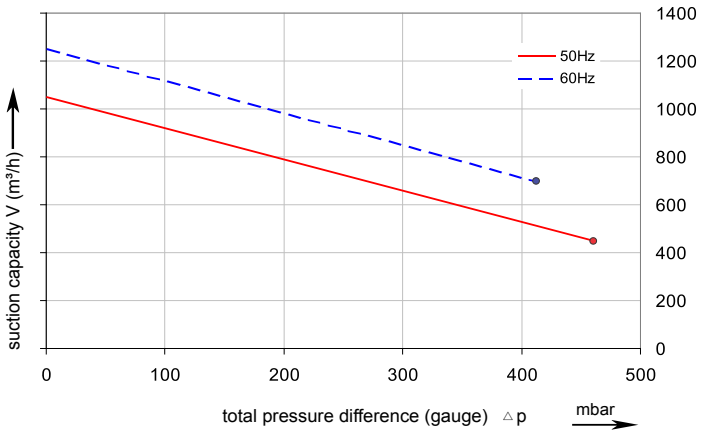
EVSC-S92B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S92B3

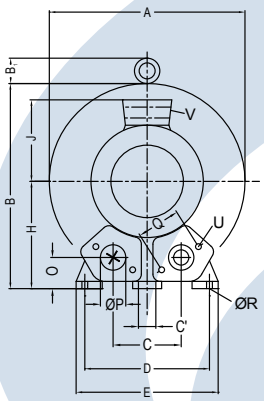
			50 Hz	60 Hz
Motor power		kW	18,5	21,3
Maximum airflow		m³/h	1050	1250
Ultimate pressure		mbar	+460	+410
Ultimate vacuum		mbar	-360	-380
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	37,0	36,5
Input current Y		A	21,0	21,0
Noise level		dB(A)	74	79
Weight		kg	204	204
Connection	inlet	G(BSP)	4”	4”
	outlet	G(BSP)	4”	4”

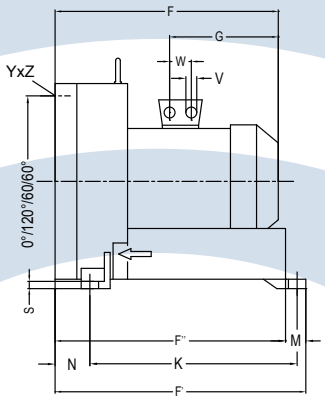
Ordering Information — TYPE EVSC-S92B3

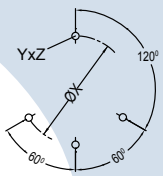
EVSC-S92B3	3ph AC	141392
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140013

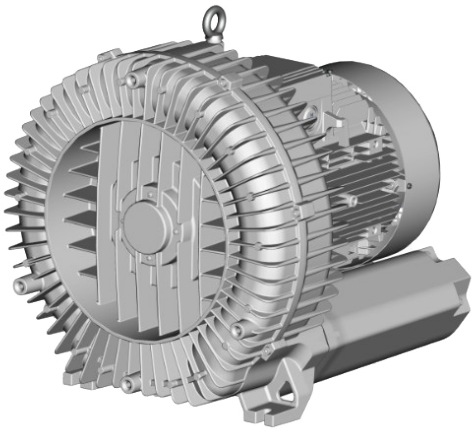






Type	Phases	A	B	B1	C	C'	D	E	F	F'	F''	G	H	J	K	M	N	O	P	Q	ØR	S	U	W	V	YxZ	X-Holes	ØX
EVSC-S92B3	3~	550	569	55	207	15	360	415	611	644	605	345	300	197	533	39	89	92	G4	150	15	21	M12x30	54	4XM40X1.5	M12x30	0°/120°/60/60°	490

Eurovacuum

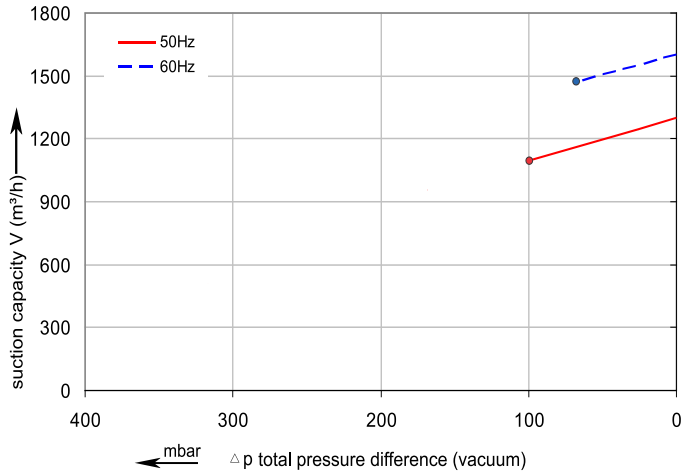


Single stage side channel vacuum pump / compressor

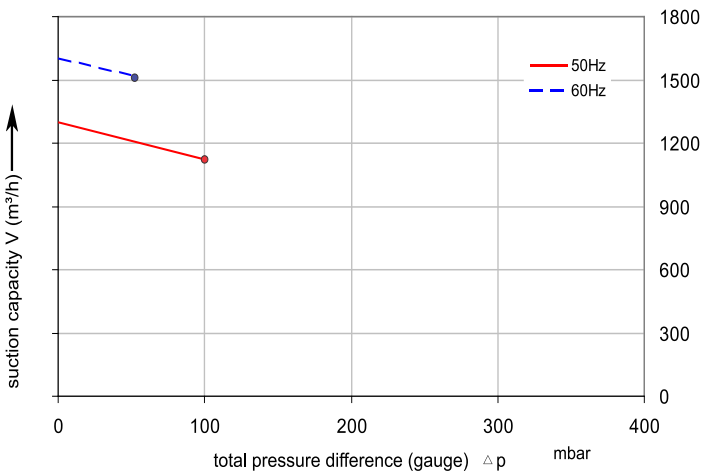
EVSC-S93B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S93B3

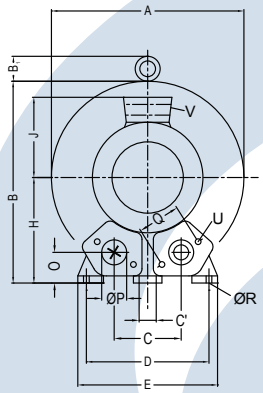
			50 Hz	60 Hz
Motor power		kW	7,5	8,6
Maximum airflow		m³/h	1370	1650
Ultimate pressure		mbar	+100	+50
Ultimate vacuum		mbar	-100	-50
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	15,0	15,1
Input current Y		A	8,7	8,8
Noise level		dB(A)	75	80
Weight		kg	174	174
Connection	inlet	G(BSP)	4”	4”
	outlet	G(BSP)	4”	4”

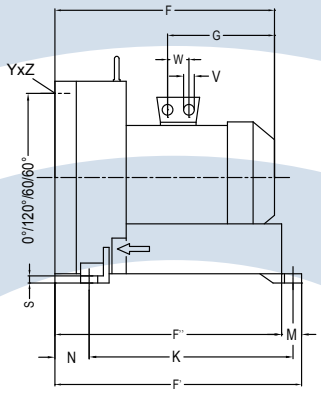
Ordering Information — TYPE EVSC-S93B3

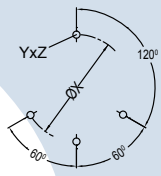
EVSC-S93B3	3ph AC	141393
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140013

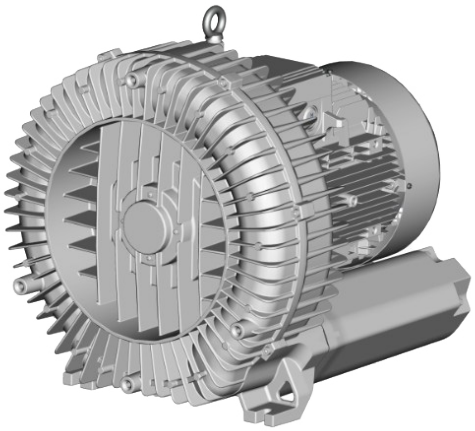






Type	Phases	A	B	B1	C	C'	D	E	F	F'	F''	G	H	J	K	M	N	O	P	Q	ØR	S	U	W	V	YxZ	X-Holes	ØX
EVSC-S95B3	3~	550	569	55	207	15	360	415	561	682	643	304	300	167	533	39	127	92	G4	150	15	21	M12x30	42	4XM32X1.5	M12x30	0°/120°/60/60°	490

Eurovacuum

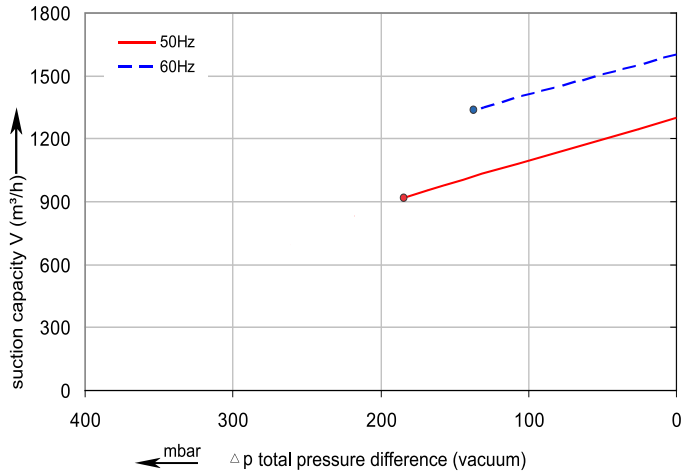


Single stage side channel vacuum pump / compressor

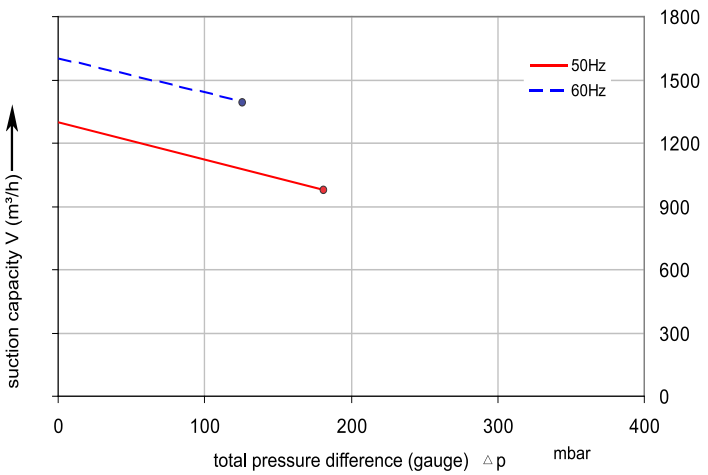
EVSC-S94B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S94B3

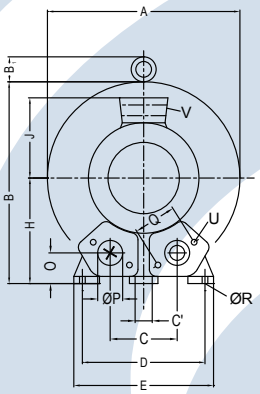
			50 Hz	60 Hz
Motor power		kW	11,0	12,6
Maximum airflow		m³/h	1370	1650
Ultimate pressure		mbar	+180	+130
Ultimate vacuum		mbar	-180	-140
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	22,0	22,0
Input current Y		A	12,7	12,9
Noise level		dB(A)	75	80
Weight		kg	193	193
Connection	inlet	G(BSP)	4”	4”
	outlet	G(BSP)	4”	4”

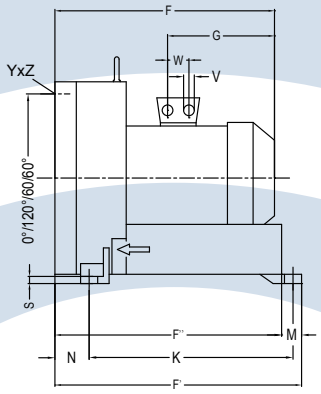
Ordering Information — TYPE EVSC-S93B3

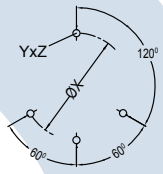
EVSC-S93B3	3ph AC	141394
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140013

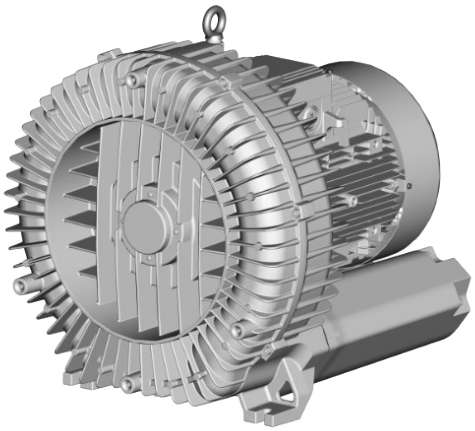






Type	Phases	A	B	B1	C	C'	D	E	F	F'	F''	G	H	J	K	M	N	O	P	Q	ØR	S	U	W	V	YxZ	X-Holes	ØX
EVSC-94B3	3~	550	569	55	207	15	360	415	650	682	643	345	300	197	533	39	127	92	G4	150	15	21	M12x30	54	4XM40X1.5	M12x30	0°/120°/60/60°	490

Eurovacuum

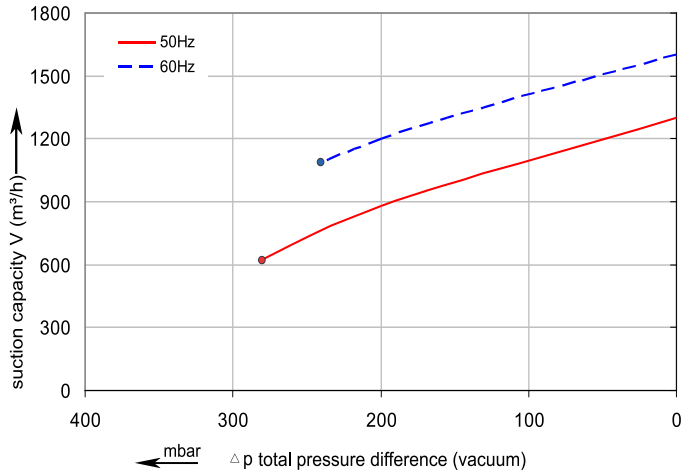


Single stage side channel vacuum pump / compressor

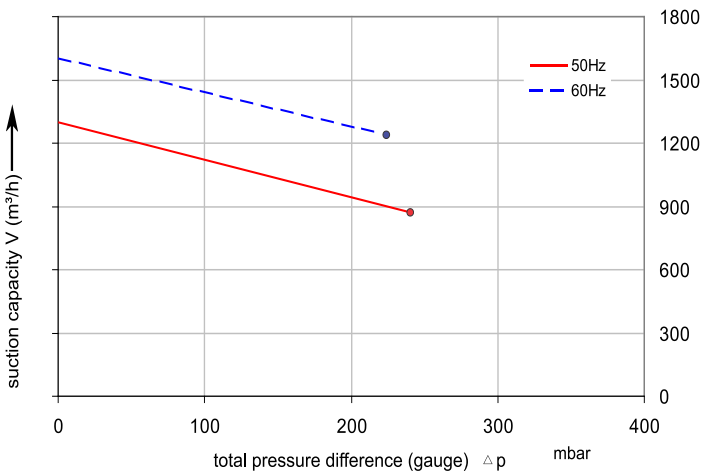
EVSC-S95B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S95B3

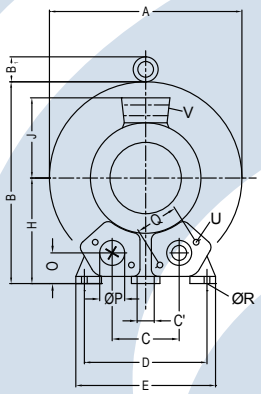
			50 Hz	60 Hz
Motor power		kW	19,0	17,3
Maximum airflow		m³/h	1370	1650
Ultimate pressure		mbar	+260	+220
Ultimate vacuum		mbar	-280	-240
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	30,5	29,5
Input current Y		A	17,3	17,0
Noise level		dB(A)	75	80
Weight		kg	207	207
Connection	inlet	G(BSP)	4”	4”
	outlet	G(BSP)	4”	4”

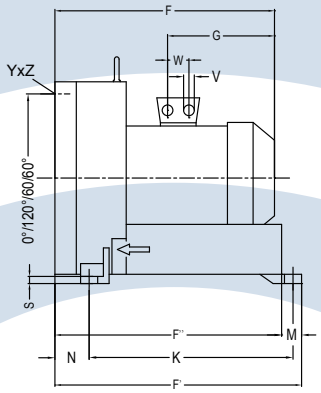
Ordering Information — TYPE EVSC-S93B3

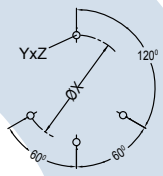
EVSC-S93B3	3ph AC	141393
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140013

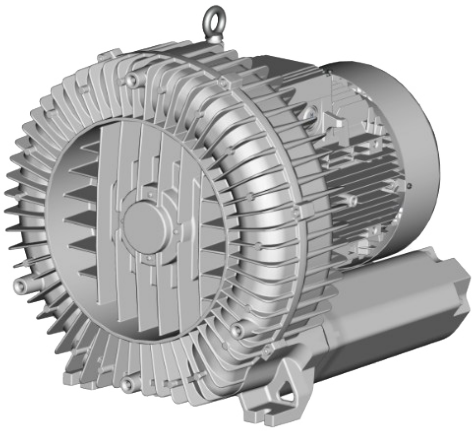






Type	Phases	A	B	B1	C	C'	D	E	F	F'	F''	G	H	J	K	M	N	O	P	Q	ØR	S	U	W	V	YxZ	X-Holes	ØX
EVSC-S95B3	3~	550	569	55	207	15	360	415	709	682	643	405	300	197	533	39	127	92	G4	150	15	21	M12x30	54	4XM40X1.5	M12x30	0°/120°/60/60°	490

Eurovacuum

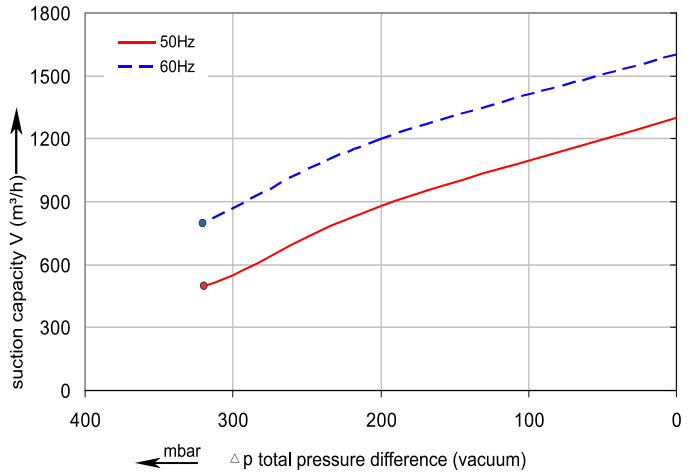


Single stage side channel vacuum pump / compressor

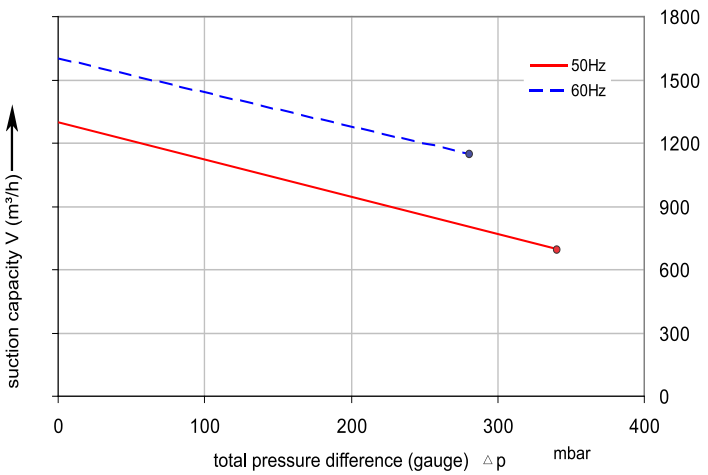
EVSC-S96B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-S96B3

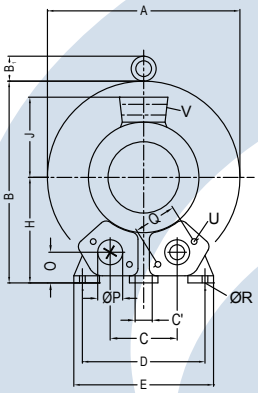
			50 Hz	60 Hz
Motor power		kW	18,5	21,3
Maximum airflow		m³/h	1370	1650
Ultimate pressure		mbar	+340	+300
Ultimate vacuum		mbar	-320	-320
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	37,0	36,5
Input current Y		A	21,0	21,0
Noise level		dB(A)	75	80
Weight		kg	206	206
Connection	inlet	G(BSP)	4”	4”
	outlet	G(BSP)	4”	4”

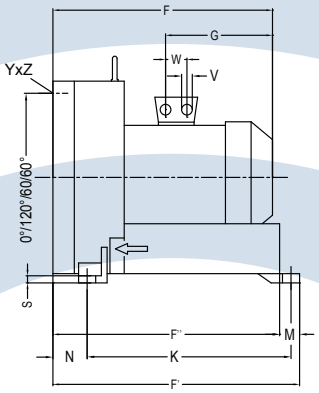
Ordering Information — TYPE EVSC-S96B3

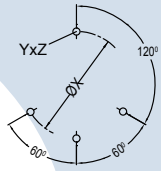
EVSC-S96B3	3ph AC	141396
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140013

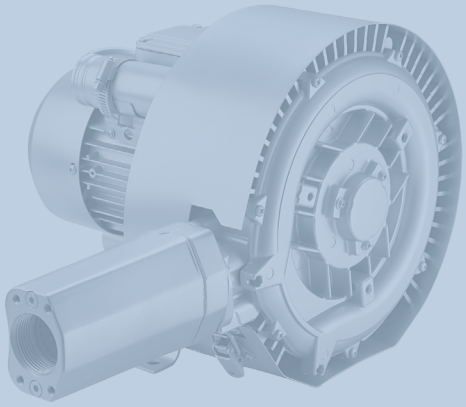






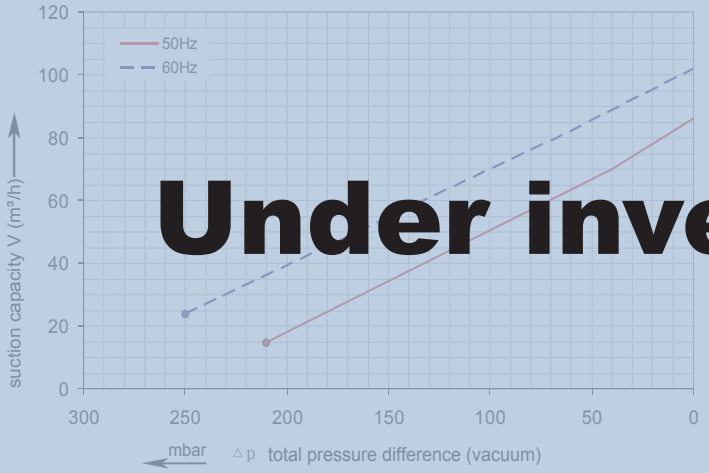
Type	Phases	A	B	B1	C	C'	D	E	F	F'	F''	G	H	J	K	M	N	O	P	Q	ØR	S	U	W	V	YxZ	X-Holes	ØX
EVSC-S96B3	3~	550	569	55	207	15	360	415	709	682	643	405	300	197	533	39	127	92	G4	150	15	21	M12x30	54	4XM40X1.5	M12x30	0°/120°/60/60°	490

Eurovacuum

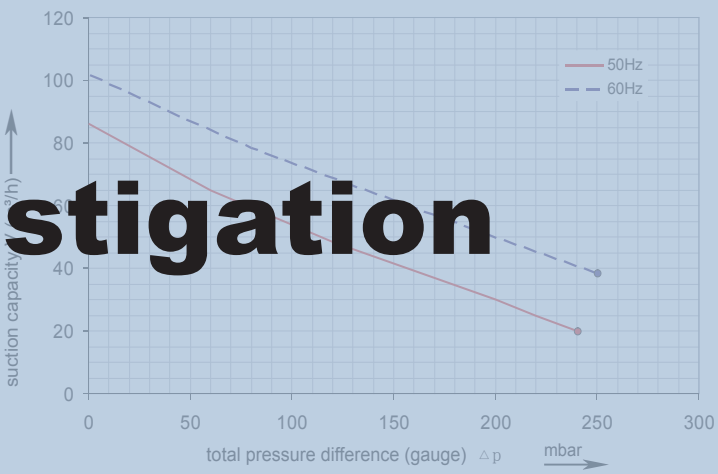


Single stage side channel vacuum pump / compressor
EVSC-D20A1

Performance curve for Vacuum pump



Performance curve for Compressor



Under investigation

Technical Data — TYPE EVSC-S71A1

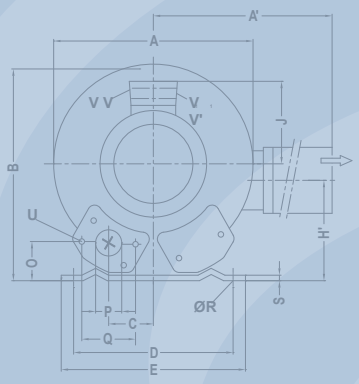
			50 Hz	60 Hz
Motor power		kW	2,2	2,55
Maximum airflow		m³/h	318	376
Ultimate pressure		mbar	+190	+200
Ultimate vacuum		mbar	-190	-190
Input voltage		V	230	230
Input current		A	12,8	12,8
Noise level		dB(A)	72	74
Weight		kg	30	30
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

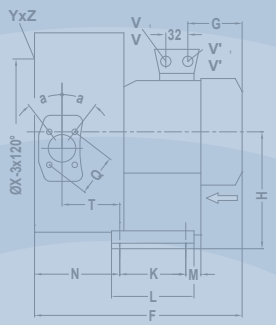
Ordering Information — TYPE EVSC-S71A3

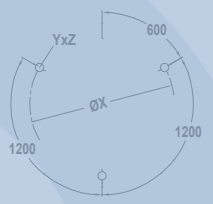
EVSC-S71A3	50/60 Hz	141171
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

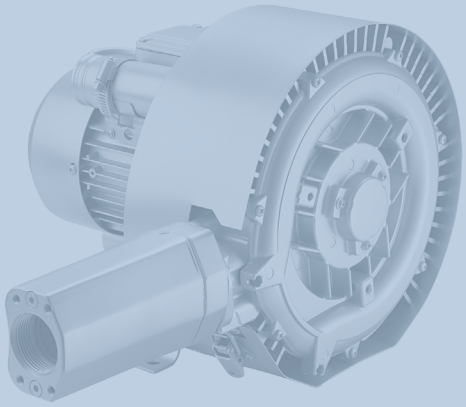






Type	Phases	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q	ØR	S	T	U	$V_{(1\sim)}$	$V_{(1\sim)}$	$V_{(3\sim)}$	$V_{(3\sim)}$	α	ØX	YxZ	X-Bohrungen X-Holes
142320	3~	284	316	270	45	205	230	316	135	128	106	111	83	108	75	130	39	G1¼(15tief-deep)	64	10	2.5	88	M6x17	-	-	M25x1.5	M16x1.5	27°	140	M6x15	51°/171°/291°

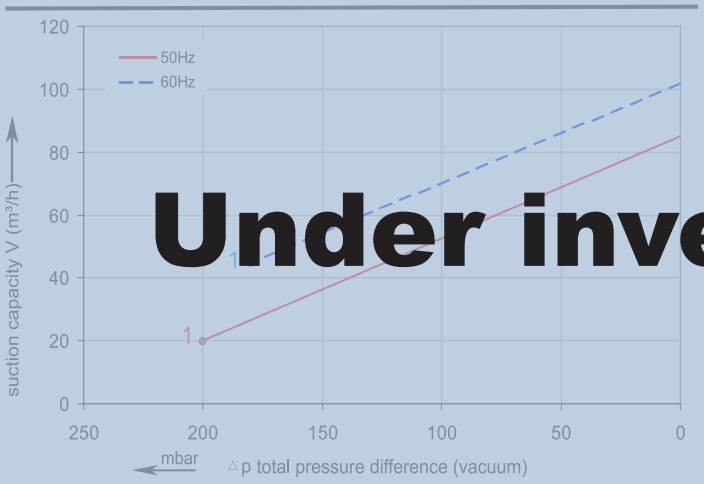
Eurovacuum



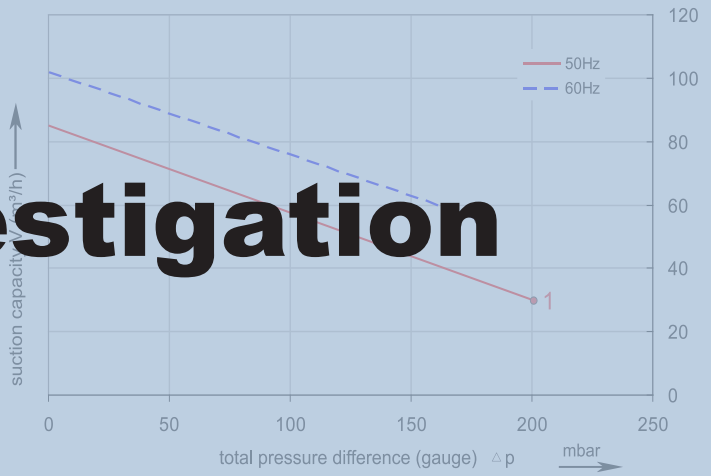
Double stage side channel vacuum pump / compressor

EVSC-D20A3

Performance curve for Vacuum pump



Performance curve for Compressor



Under investigation

Technical Data

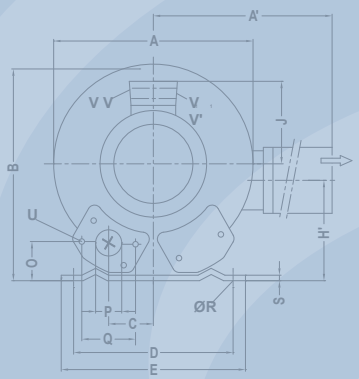
TYPE EVSC-D20A3			50 Hz	60 Hz
Motor power		kW	0,7	0,83
Maximum airflow		m³/h	88	103
Ultimate pressure		mbar	+240	+250
Ultimate vacuum		mbar	-210	-250
Input voltage 3 phase Δ		V	220-240	220-240
Input voltage 3 phase Y		V	380-415	380-415
Input current Δ		A	3,8	3,75
Input current Y		A	2,2	2,15
Noise level		dB(A)	55	61
Weight		kg	14	14
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

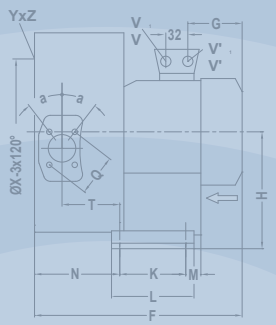
Ordering Information TYPE EVSC-D20A3

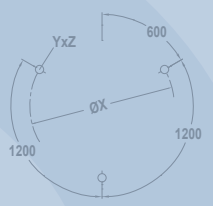
EVSC-D20A3	50/60 Hz	142320
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010







Type	Phases	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q	ØR	S	T	U	$V_{(1\sim)}$	$V_{(1\sim)}$	$V_{(3\sim)}$	$V_{(3\sim)}$	α	ØX	YxZ	X-Bohrungen X-Holes
142320	3~	284	316	270	45	205	230	316	135	128	106	111	83	108	75	130	39	G1¼(15tief-deep)	64	10	2.5	88	M6x17	-	-	M25x1.5	M16x1.5	27°	140	M6x15	51°/171°/291°

Eurovacuum

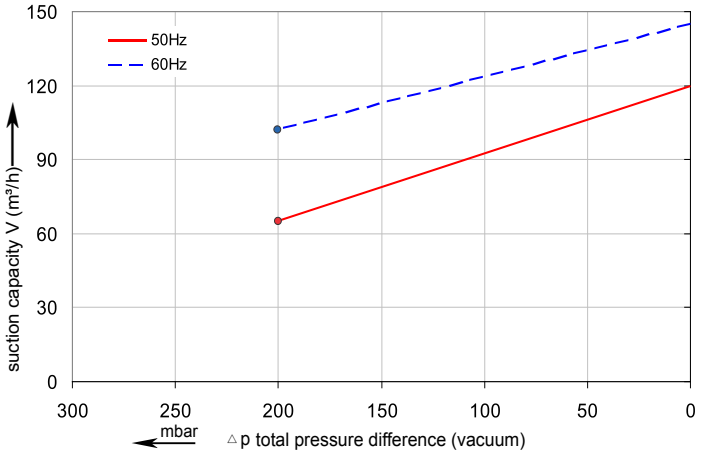
Double stage side channel vacuum pump / compressor

EVSC-D30B3

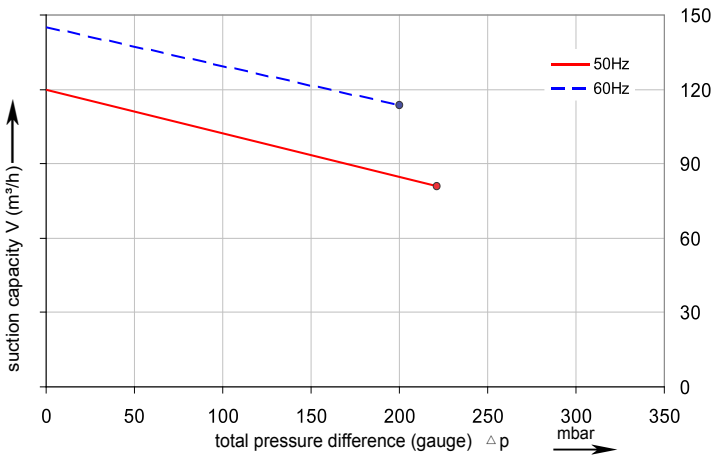


energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D30B3

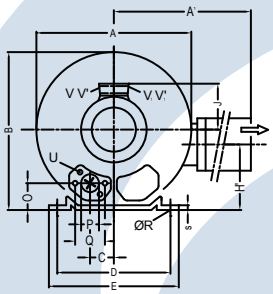
			50 Hz	60 Hz
Motor power		kW	0,75	0,86
Maximum airflow		m³/h	120	145
Ultimate pressure		mbar	+220	+200
Ultimate vacuum		mbar	-200	-200
Input voltage 3 phase Δ		V	200-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	3,12	3,1
Input current Y		A	1,8	1,9
Noise level		dB(A)	66	69
Weight		kg	24	24
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

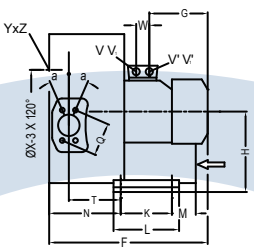
Ordering Information — TYPE EVSC-D30B3

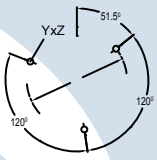
EVSC-D30B3	3ph AC	142330
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010







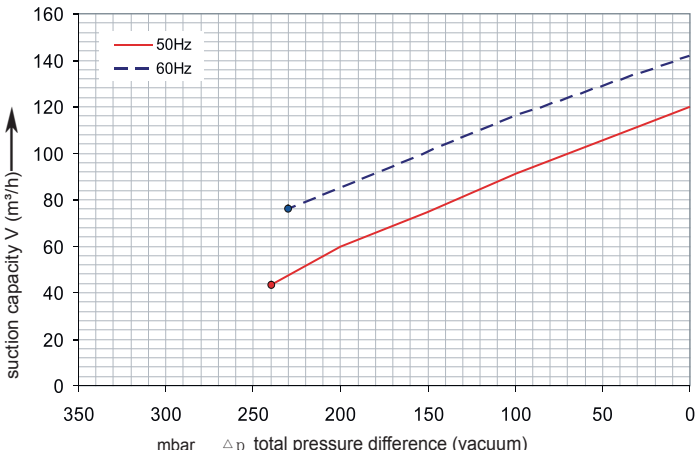
Type	Phases	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q	ØR	S	T	U	V	V'	V1	V'1	W	YxZ	a	X-Holes	ØX
EVSC-D30B3	3~	293	324	286	47	205	230	354	160	141	114	120	83	108	82	138	41	G1¼	64	10	2.5	92	M6x17	M25x1.5	M16x1.5	-	-	29	M6x19	27°	51.5°/120°/120°	160

Eurovacuum

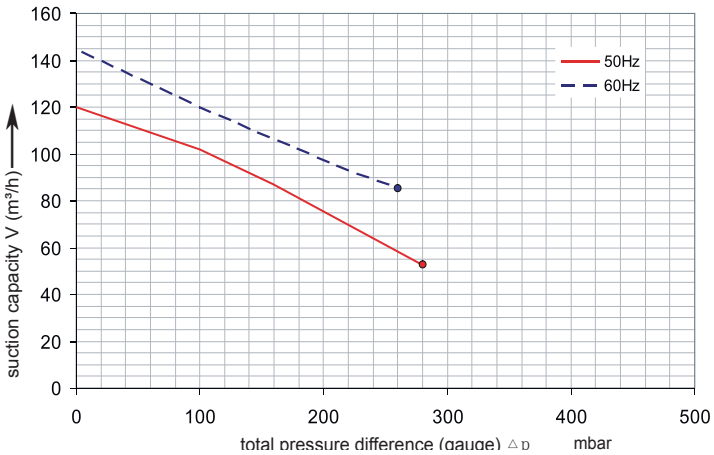
Double stage side channel vacuum pump / compressor
EVSC-D31A1



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D31A1

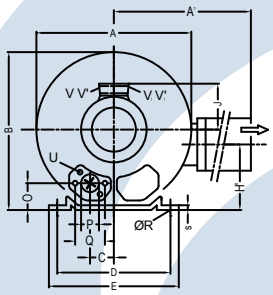
			50 Hz	60 Hz
Motor power		kW	1,1	1,3
Maximum airflow		m³/h	120	145
Ultimate pressure		mbar	+280	+260
Ultimate vacuum		mbar	-240	-230
Input voltage		V	230	230
Input current		A	7,3	8,3
Noise level		dB(A)	58	60
Weight		kg	17	17
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

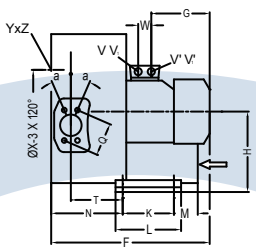
Ordering Information — TYPE EVSC-D31A1

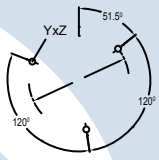
EVSC-D31A1	1ph AC	142131
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010







Type	Phases	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q	ØR	S	T	U	$V_{(1\sim)}$	$V_{(1\sim)}$	$V_{(3\sim)}$	$V_{(3\sim)}$	α	ØX	YxZ	X-Holes
EVSC-D31A1	1~	293	324	286	47	205	230	354	160	141	114	120	83	108	82	138	41	G1¼(15tief-deep)	64	10	2.5	92	M6x17	-	-	M25x1.5	M16x1.5	27°	160	M6x15	51°/171°/29°

Eurovacuum

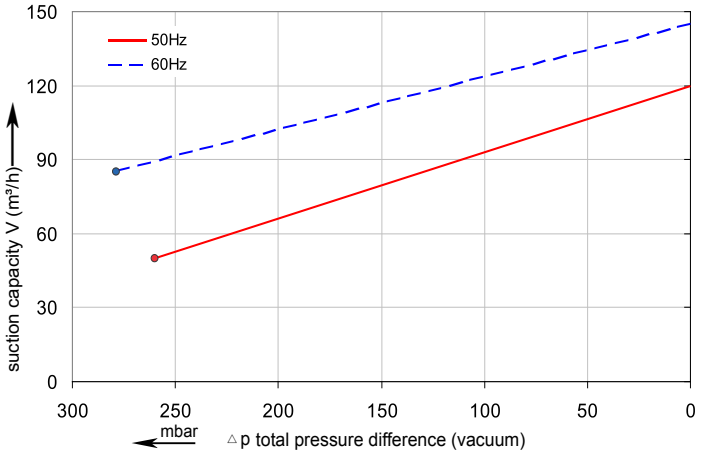
Double stage side channel vacuum pump / compressor

EVSC-D31B3

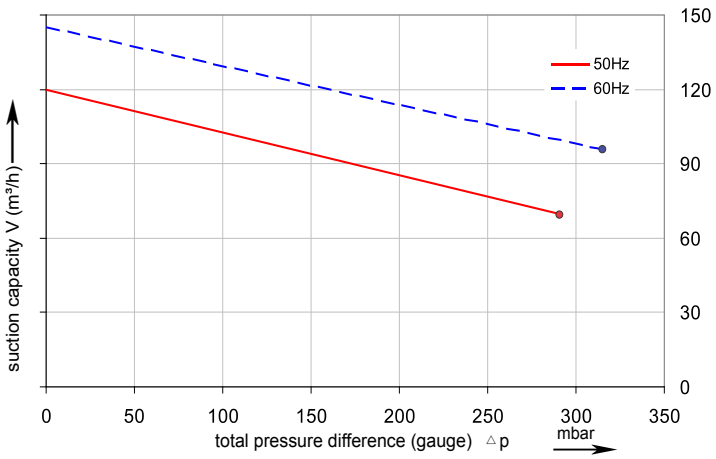


energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D31B3

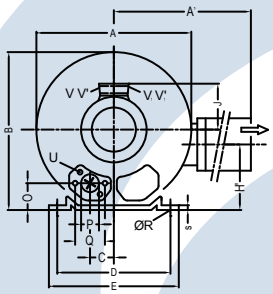
			50 Hz	60 Hz
Motor power		kW	1,1	1,3
Maximum airflow		m³/h	120	145
Ultimate pressure		mbar	+290	+320
Ultimate vacuum		mbar	-260	-280
Input voltage 3 phase Δ		V	200-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	4,35	3,1
Input current Y		A	2,5	2,6
Noise level		dB(A)	66	69
Weight		kg	27	27
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

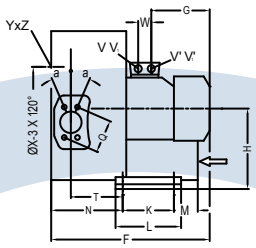
Ordering Information — TYPE EVSC-D31B3

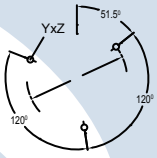
EVSC-D31B3	3ph AC	142331
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010







Type	Phases	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q	ØR	S	T	U	V	V'	V1	V'1	W	YxZ	a	X-Holes	ØX
EVSC-D31B3	3~	293	324	286	47	205	230	354	160	141	114	120	83	108	82	138	41	G1¼	64	10	2.5	92	M6x17	M25x1.5	M16x1.5	-	-	29	M6x19	27°	51.5°/120°/120°	160

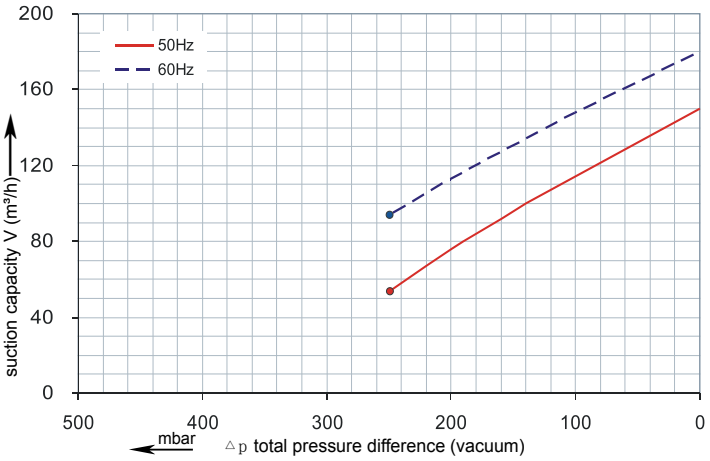
Eurovacuum



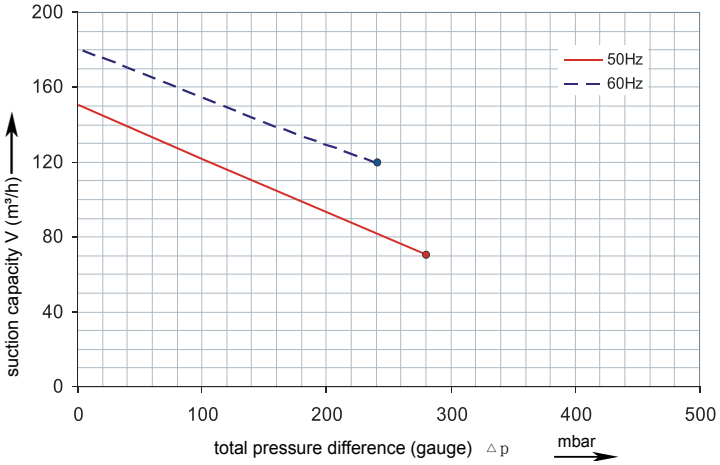
Double stage side channel vacuum pump / compressor

EVSC-D40A1

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-D40A1

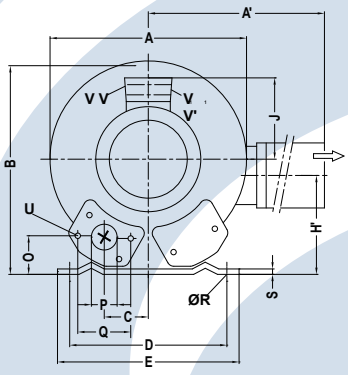
			50 Hz	60 Hz
Motor power		kW	1,5	1,75
Maximum airflow		m³/h	150	180
Ultimate pressure		mbar	+290	+280
Ultimate vacuum		mbar	-250	-250
Input voltage		V	230	230
Input current		A	9,1	10
Noise level		dB(A)	66	69
Weight		kg	26	26
Connection	inlet	G(BSP)	1½”	1½”
	outlet	G(BSP)	1½”	1½”

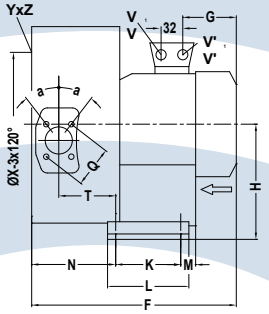
Ordering Information TYPE EVSC-D40A1

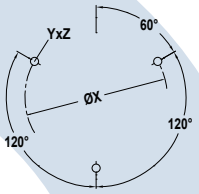
EVSC-D40A1	1ph AC	142140
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	602025
Compressor suction filter	140025
Set of feet for horizontal positioning	140010







Type	Phases	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q	ØR	S	T	U	$V_{(1\sim)}$	$V_{(1\sim)}$	$V_{(3\sim)}$	$V_{(3\sim)}$	α	ØX	YxZ	X-Bohrungen X-Holes
EVSC-D40A1	1~	322	324	315	58	225	255	401	191	154	153	128	95	130	73	151	45	G1½(15tief-deep)	72	12	3	104	M6x19	M16x1.5	M25x1.5	-	-	28°	174	M6x15	51°/171°/291°

Eurovacuum

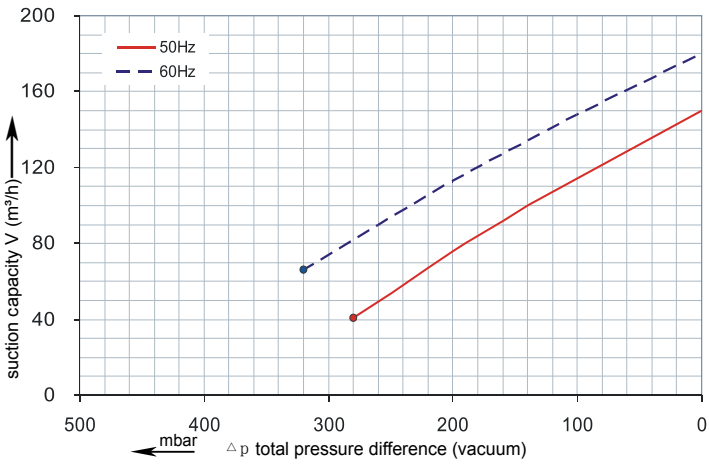


Double stage side channel vacuum pump / compressor

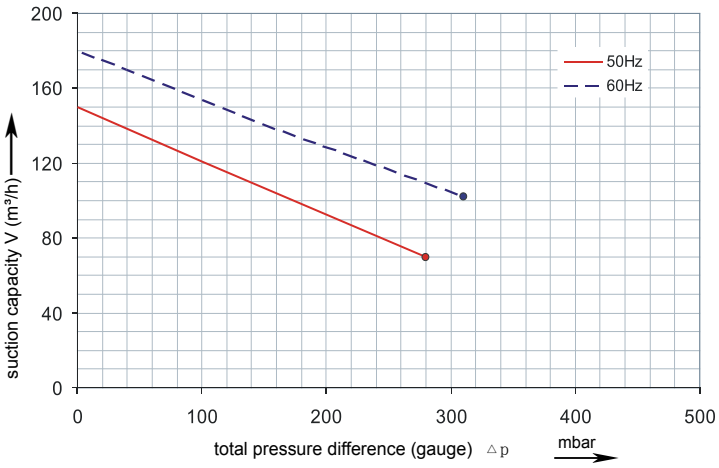
EVSC-D40B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D40B3

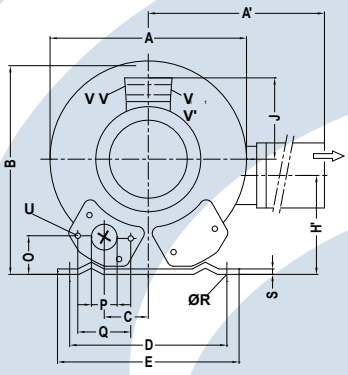
			50 Hz	60 Hz
Motor power		kW	1,5	1,75
Maximum airflow		m³/h	150	180
Ultimate pressure		mbar	+270	+230
Ultimate vacuum		mbar	-270	-250
Input voltage 3 phase Δ		V	220-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	5,7	5,7
Input current Y		A	3,3	3,3
Noise level		dB(A)	66	69
Weight		kg	24	24
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

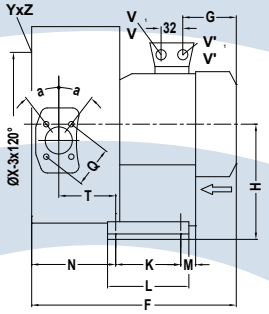
Ordering Information — TYPE EVSC-D40B3

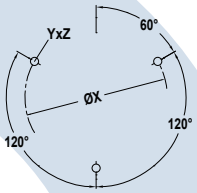
EVSC-D40B3	3ph AC	142340
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010







Type	Phases	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q	ØR	S	T	U	$V_{(1\sim)}$	$V_{(1\sim)}$	$V_{(3\sim)}$	$V_{(3\sim)}$	α	ØX	YxZ	X-Holes
EVSC-D40A3	3~	322	324	315	57	225	255	401	191	153	153	128	95	130	73	151	45	G1¼(15tief-deep)	72	12	3	104	M6x19	-	-	M25x1.5	M16x1.5	29°	174	M6x19	51°/171°/291°

Eurovacuum

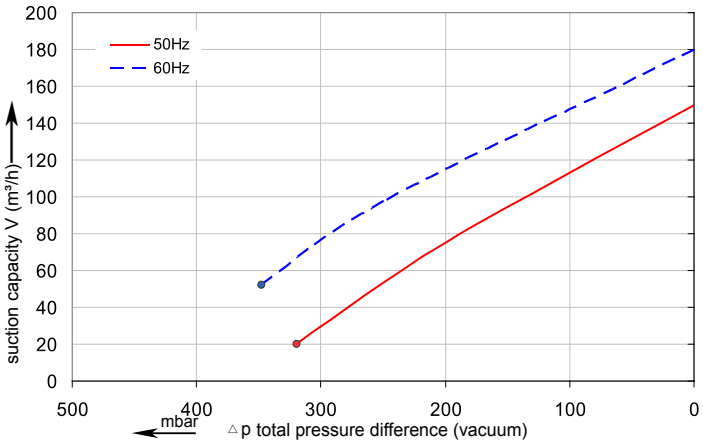


Double stage side channel vacuum pump / compressor

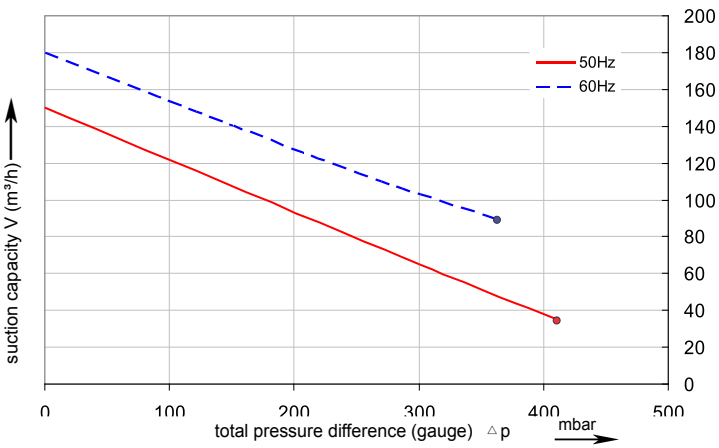
EVSC-D41B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D41B3

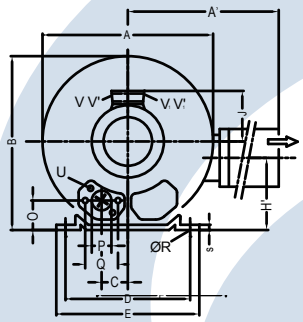
			50 Hz	60 Hz
Motor power		kW	2,2	2,55
Maximum airflow		m³/h	150	180
Ultimate pressure		mbar	+410	+360
Ultimate vacuum		mbar	-320	-350
Input voltage 3 phase Δ		V	220-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	8,1	8,0
Input current Y		A	4,6	4,6
Noise level		dB(A)	66	69
Weight		kg	27	27
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

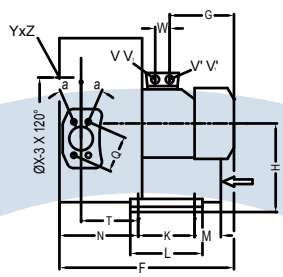
Ordering Information — TYPE EVSC-D41B3

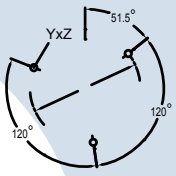
EVSC-D41B3	3ph AC	142341
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010







Type	Phases	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q	ØR	S	T	U	V	V'	V1	V'1	W	YxZ	a	X-Holes	ØX
EVSC-D41B3	3~	322	324	315	57	225	255	428	217	153	153	128	95	130	73	151	45	G1¼	72	12	3	104	M6x19	M25x1.5	M16x1.5	-	-	29	M6x19	29°	51.5°/120°/120°	174

Eurovacuum

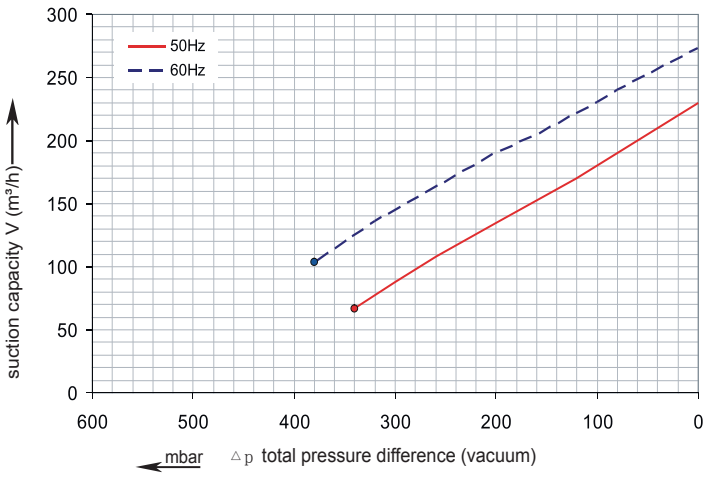


Double stage side channel vacuum pump / compressor

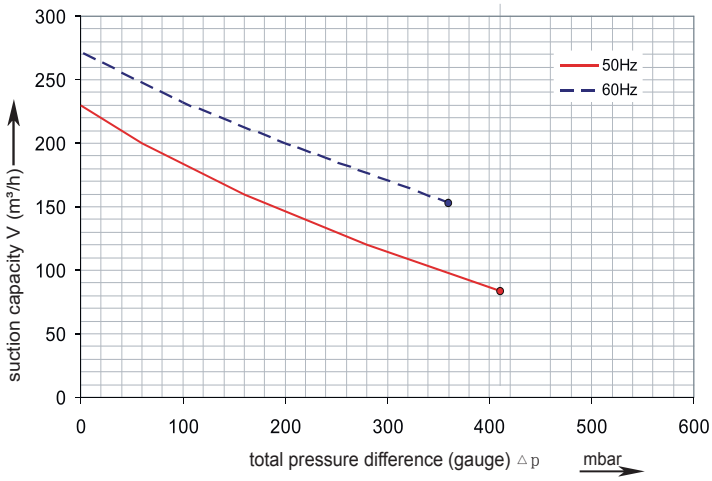
EVSC-D50A3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D50B3

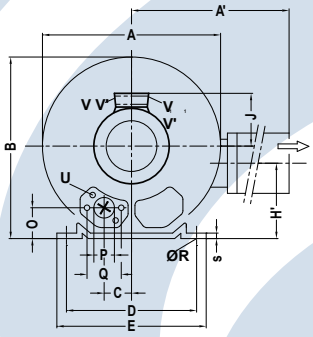
			50 Hz	60 Hz
Motor power		kW	3,0	3,45
Maximum airflow		m³/h	230	275
Ultimate pressure		mbar	+360	+340
Ultimate vacuum		mbar	-340	-360
Input voltage 3 phase Δ		V	220-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	11,4	10,8
Input current Y		A	6,5	6,2
Noise level		dB(A)	72	74
Weight		kg	39	39
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

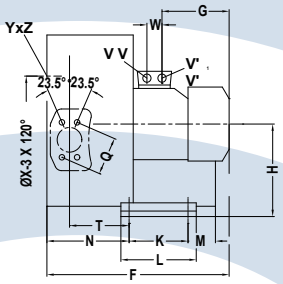
Ordering Information — TYPE EVSC-D50B3

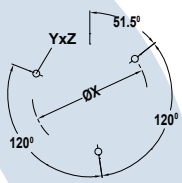
EVSC-D50B3	3ph AC	142350
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140010







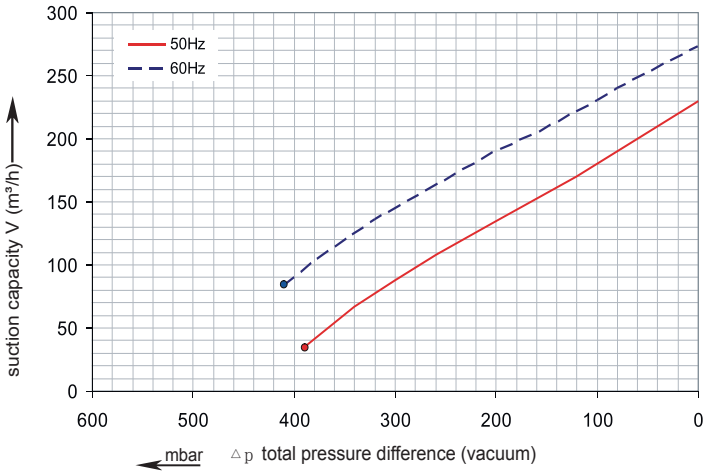
Type	Phases																											X-Holes	W
		A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	ØP	Q	ØR	S	T	U	V	V	V1	V1	ØX	YxZ		
EVSC-D50B3	3~	371	411	360	60	260	295	500	190	175	144	135	115	155	98	170	48	G2	83	14	4	115	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	200	M8x20	51.5°/171.5°/291.5°	42

Eurovacuum

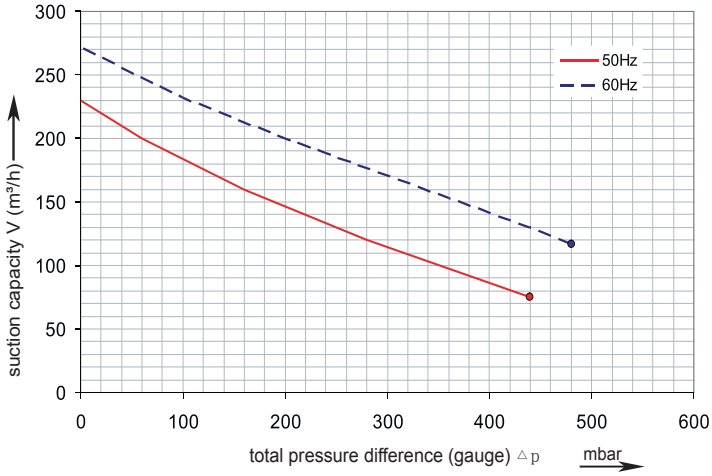


Double stage side channel vacuum pump / compressor
EVSC-D51B3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D51B3

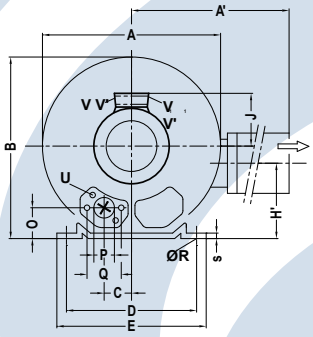
			50 Hz	60 Hz
Motor power		kW	4,0	4,6
Maximum airflow		m³/h	230	275
Ultimate pressure		mbar	+440	+480
Ultimate vacuum		mbar	-390	-410
Input voltage 3 phase Δ		V	345-415	600-720
Input voltage 3 phase Y		V	380-480	600-720
Input current Δ		A	10,0	9,9
Input current Y		A	5,8	5,71
Noise level		dB(A)	72	74
Weight		kg	41	41
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

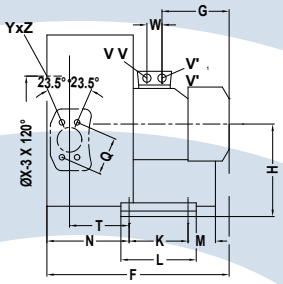
Ordering Information — TYPE EVSC-D51B3

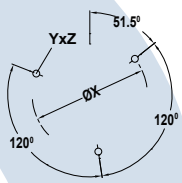
EVSC-D51B3	3ph AC	142351
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140010







Type	Phases	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	ØP	Q	ØR	S	T	U	V	V	V	V	ØX	YxZ	X-Holes	W
EVSC-D51A3	3~	372	411	371	60	260	295	499	224	175	144	135	115	155	98	171	48	G2	83	14	4	116	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	200	M8x20	51.5°/171.5°/291.5°	42

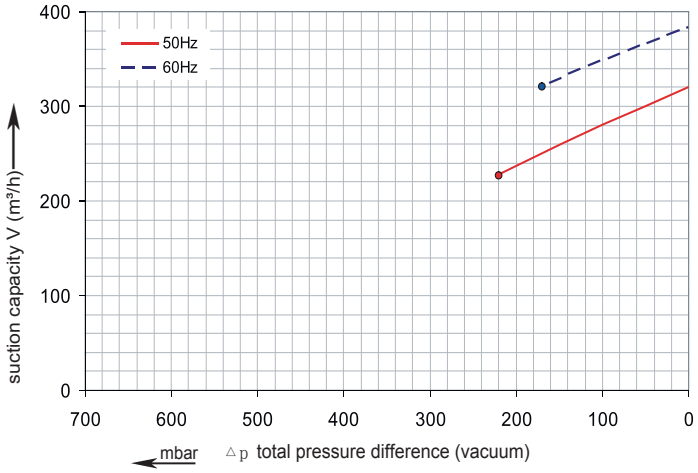
Eurovacuum



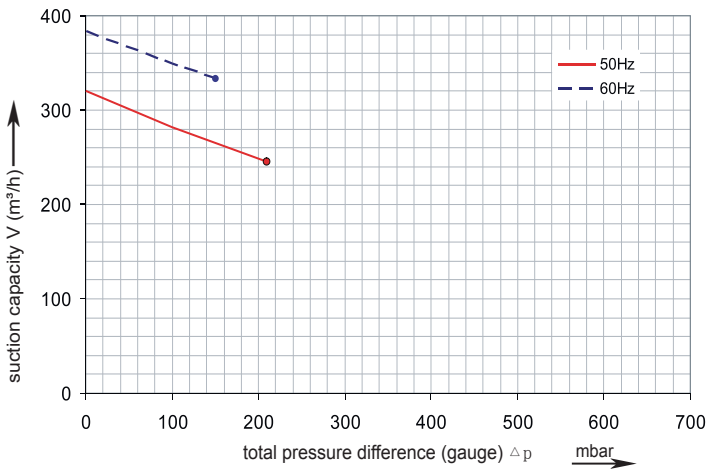
Double stage side channel vacuum pump / compressor

EVSC-D70A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D70A3

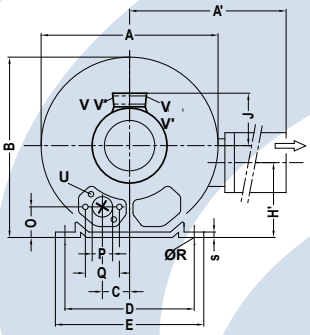
			50 Hz	60 Hz
Motor power		kW	2,2	2,55
Maximum airflow		m³/h	320	380
Ultimate pressure		mbar	+210	+150
Ultimate vacuum		mbar	-220	-170
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	9,7	10,3
Input current Y		A	5,6	6,0
Noise level		dB(A)	73	76
Weight		kg	43	43
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

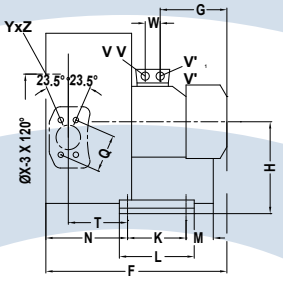
Ordering Information — TYPE EVSC-D70A3

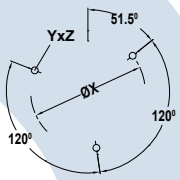
EVSC-D70A3	3ph AC	142370
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140012







Type	Phases																										X-Bohrungen X-Holes	W
		A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	ØP	Q	ØR	S	T	U	V	V	V₁	V₁	ØX	YxZ		
EVSC-D70A3	3~	426	426	410	63	290	325	473	191	197	162	128	140	180	84	205	53	G2”	83	15	4.5	130	M8x17	M25x1.5	M16x1.5	-	-	240	M10x20	51.5°/171.5°/291.5°	29

Eurovacuum

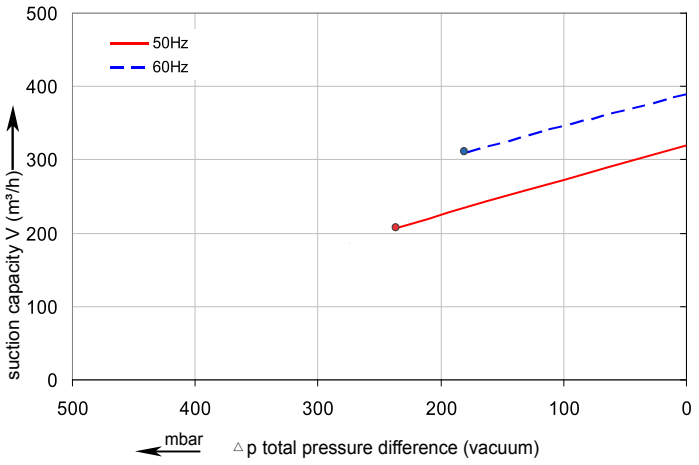


Double stage side channel vacuum pump / compressor

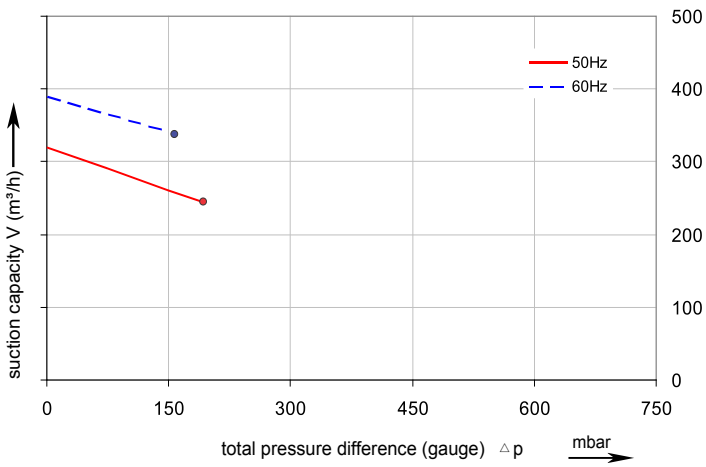
EVSC-D71B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D71B3

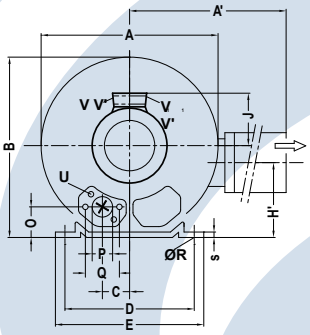
			50 Hz	60 Hz
Motor power		kW	3,0	3,45
Maximum airflow		m³/h	320	385
Ultimate pressure		mbar	+210	+160
Ultimate vacuum		mbar	-230	-180
Input voltage 3 phase Δ		V	220-260	230-290
Input voltage 3 phase Y		V	350-450	400-500
Input current Δ		A	11,4	10,8
Input current Y		A	6,5	6,2
Noise level		dB(A)	73	75
Weight		kg	47	47
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

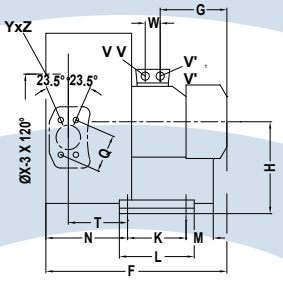
Ordering Information — TYPE EVSC-D71B3

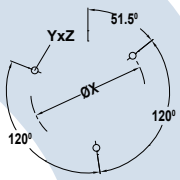
EVSC-D71B3	3ph AC	142371
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140012







Type	Phases																											X-Bohrungen X-Holes	
		A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	ØP	Q	ØR	S	T	U	V	V	V₁	V₁	ØX	YxZ	W
EVSC-D71B3	3~	426	426	410	63	290	325	532	225	197	162	135	140	180	84	205	53	G2”	70	15	4.5	130	M8x17			M25x1.5	M16x1.5	240	M10x20	51.5°/171.5°/291.5°	42

Eurovacuum

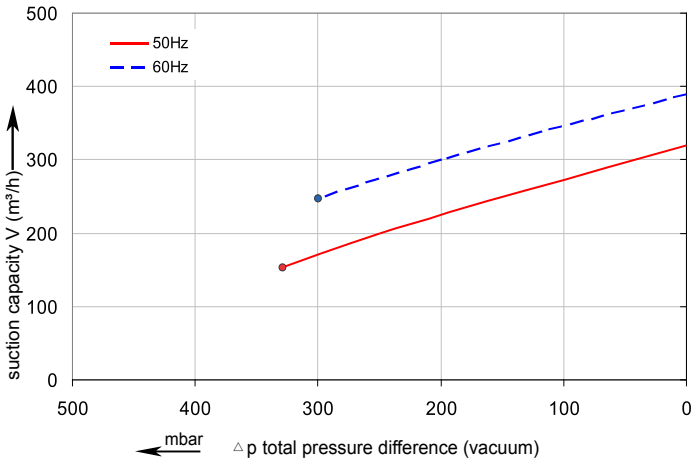


Double stage side channel vacuum pump / compressor

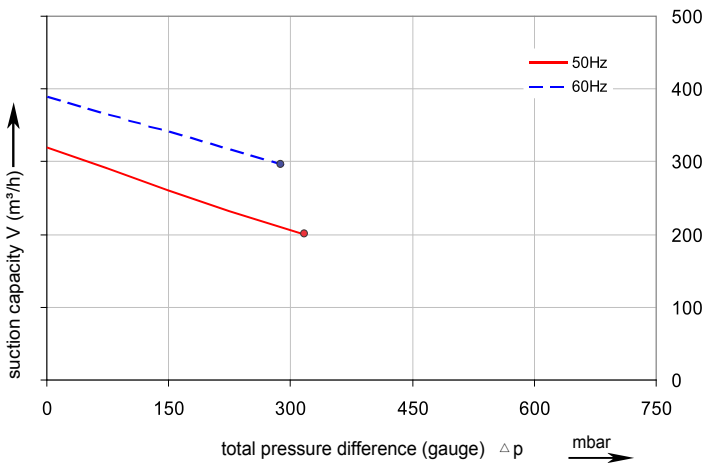
EVSC-D72B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D72B3

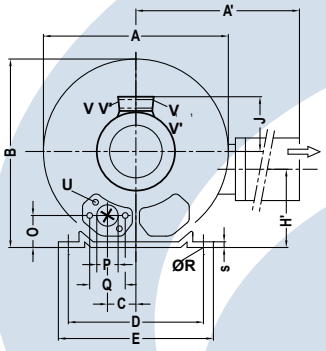
			50 Hz	60 Hz
Motor power		kW	4,0	4,6
Maximum airflow		m³/h	320	385
Ultimate pressure		mbar	+320	+270
Ultimate vacuum		mbar	-340	-300
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	8,4	8,2
Input current Y		A	4,8	4,7
Noise level		dB(A)	73	75
Weight		kg	53	53
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

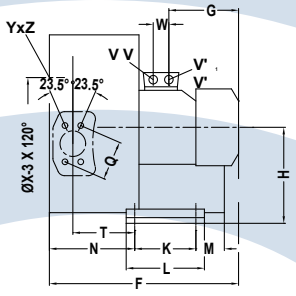
Ordering Information — TYPE EVSC-D72B3

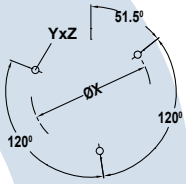
EVSC-D72B3	3ph AC	142372
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140012







Type	Phases	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q	ØR	S	T	U	V	V'	V₁	V₁	W	YxZ	a	X-Holes	ØX
EVSC-D72B3	3~	426	426	410	63	290	325	566	249	197	162	148	140	180	84	205	53	G2	70	15	4.5	130	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	42	M10X20	23.5°	51.5°/120°/120°	240

Eurovacuum

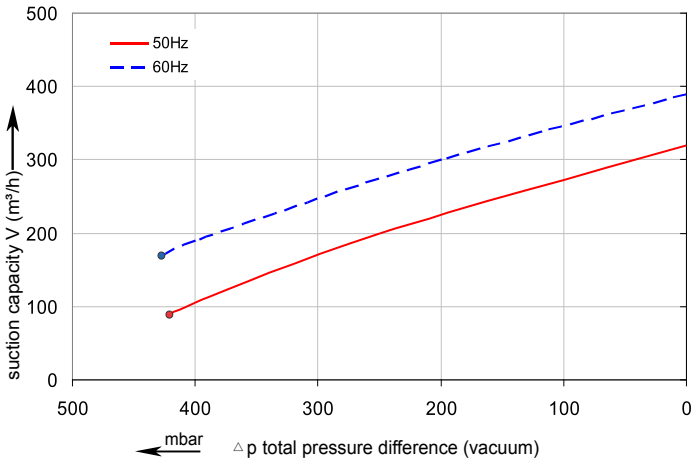


Double stage side channel vacuum pump / compressor

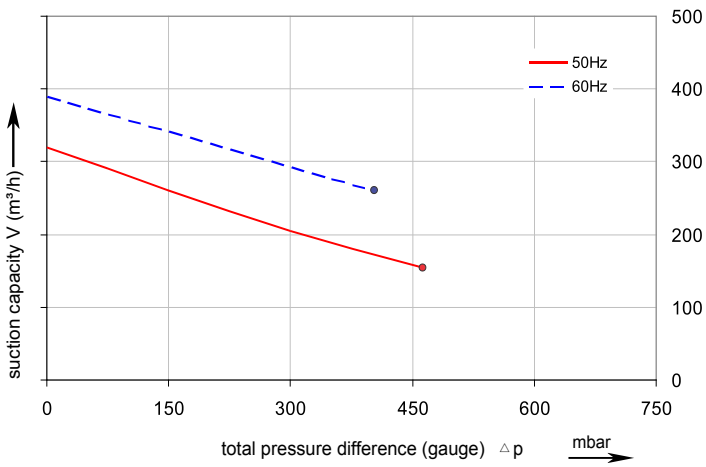
EVSC-D73B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D73B3

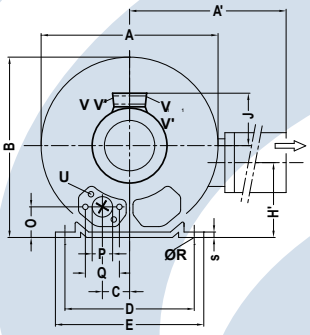
			50 Hz	60 Hz
Motor power		kW	5,5	6,3
Maximum airflow		m³/h	320	385
Ultimate pressure		mbar	+460	+390
Ultimate vacuum		mbar	-420	-440
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	11,1	11,0
Input current Y		A	6,4	6,4
Noise level		dB(A)	73	75
Weight		kg	70	70
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

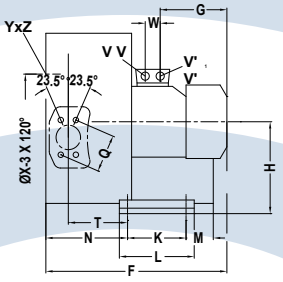
Ordering Information — TYPE EVSC-D73B3

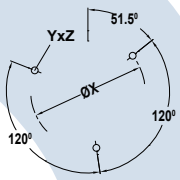
EVSC-D73B3	3ph AC	142373
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140012







Type	Phases	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	ØP	Q	ØR	S	T	U	V	V	V₁	V₁	ØX	YxZ	X-Holes	W
EVSC-D73B3	3~	426	426	410	63	290	325	607	226	197	162	1267	140	180	84	205	53	G2”	70	15	4.5	130	M8x17			M32x1.6	M32x1.6	240	M10x20	51.5°/171.5°/291.5°	42

Eurovacuum

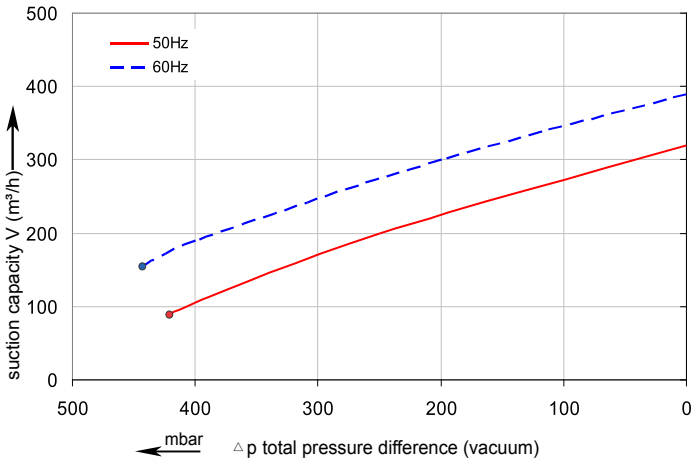


Double stage side channel vacuum pump / compressor

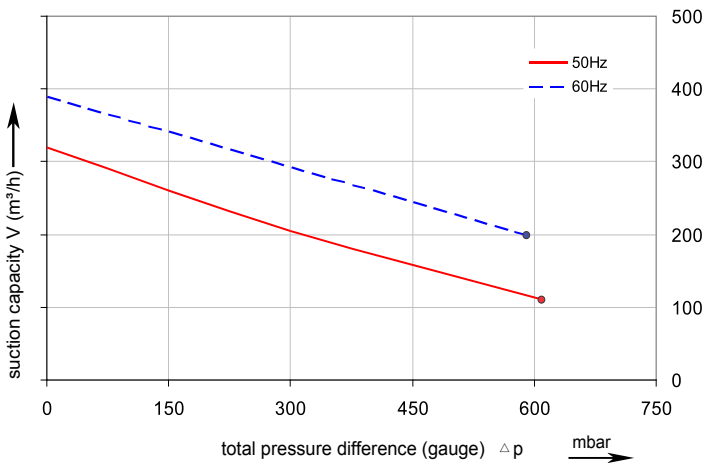
EVSC-D74B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-D74B3

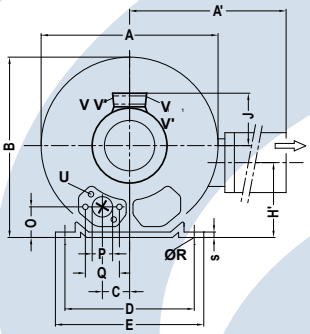
			50 Hz	60 Hz
Motor power		kW	7,5	8,6
Maximum airflow		m³/h	320	385
Ultimate pressure		mbar	+610	+590
Ultimate vacuum		mbar	-420	-450
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	15,0	15,1
Input current Y		A	8,7	8,8
Noise level		dB(A)	73	75
Weight		kg	77	77
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

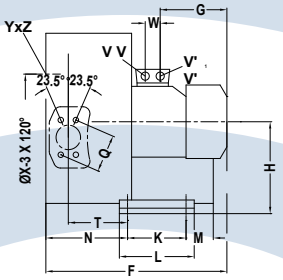
Ordering Information TYPE EVSC-D74B3

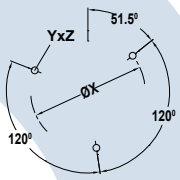
EVSC-D74B3	3ph AC 142374
Other voltages/frequencies	Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140012

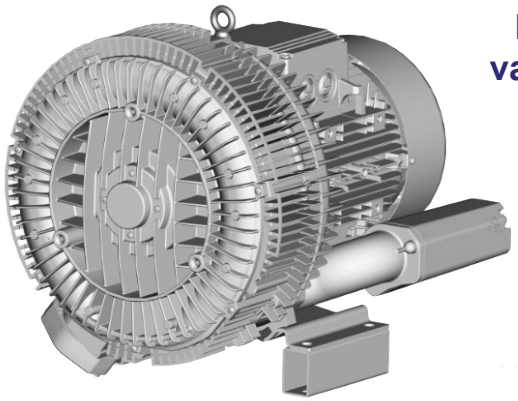






Type	Phases																												X-Holes	W
		A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	ØP	Q	ØR	S	T	U	V	V	V_1	V_1	ØX	YxZ		
EVSC-D74B3	3~	426	426	410	63	290	325	607	262	197	162	167	140	180	84	205	53	G2”	70	15	4.5	130	M8x17			M32x1.5	M32x1.5	240	M10x20	51.5°/171.5°/291.5°	42

Eurovacuum

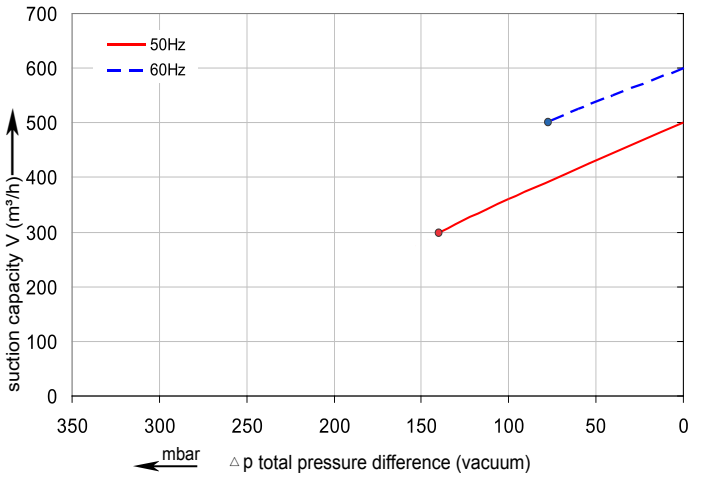


Double stage side channel vacuum pump / compressor

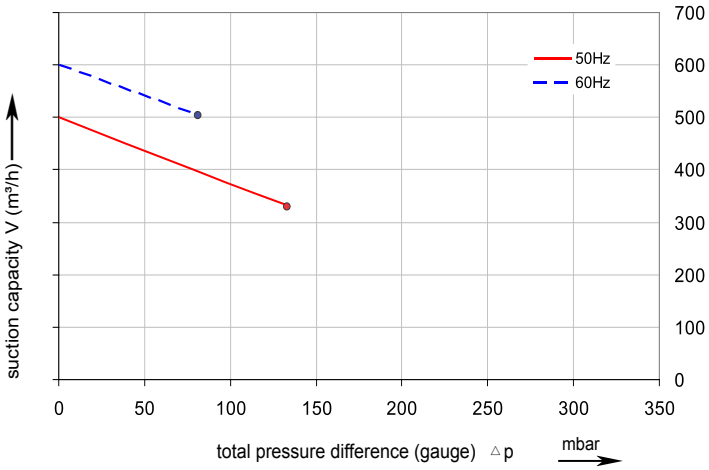
EVSC-D75B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D75B3

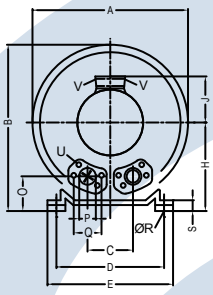
			50 Hz	60 Hz
Motor power		kW	4,0	4,6
Maximum airflow		m³/h	500	600
Ultimate pressure		mbar	+130	+80
Ultimate vacuum		mbar	-140	-80
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	8,4	8,2
Input current Y		A	4,8	4,7
Noise level		dB(A)	74	78
Weight		kg	53	53
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

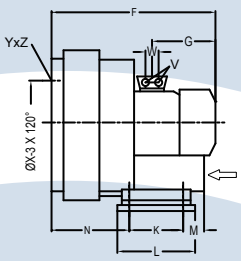
Ordering Information — TYPE EVSC-D75B3

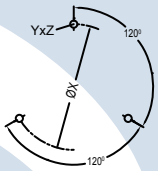
EVSC-D75B3	3ph AC	142375
Other voltages/frequencies		Upon request

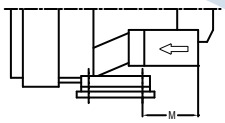
Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140013



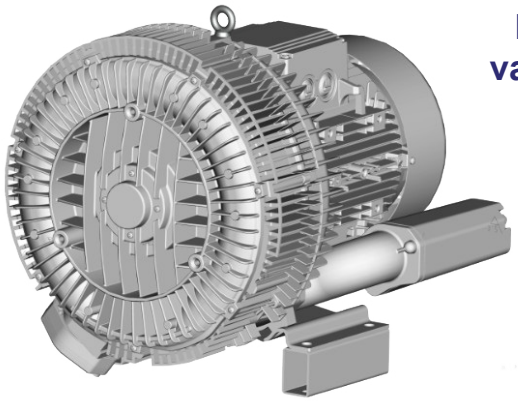






Type	Phases	A	B	C	C'	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	YxZ	X-Holes	ØX
EVSC-D75B3	3~	424	469	125	-	209	325	566	270	257	148	140	180	84	205	112	G2	94	15	65	M8X17	4XM32x1.5	M12X20	0°/120°/240°	286

Eurovacuum

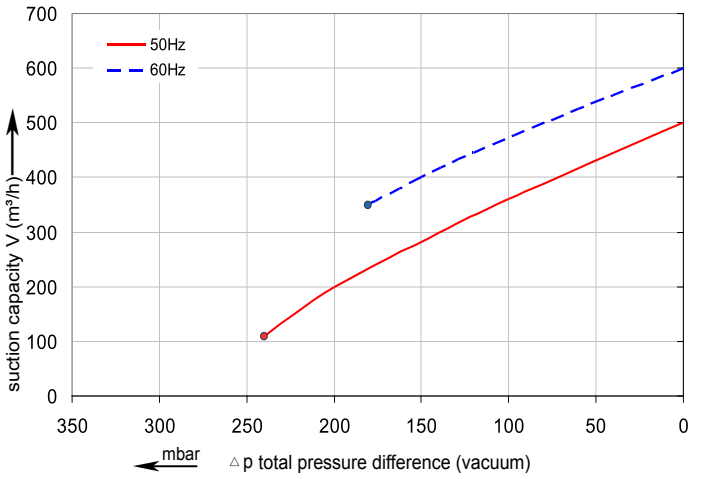


Double stage side channel vacuum pump / compressor

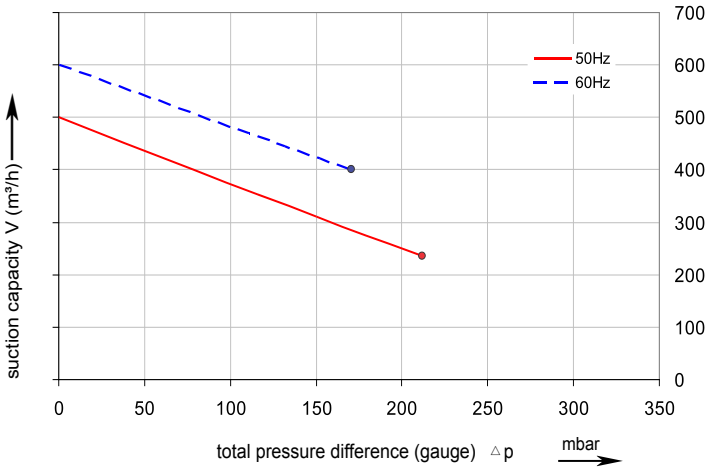
EVSC-D76B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D76B3

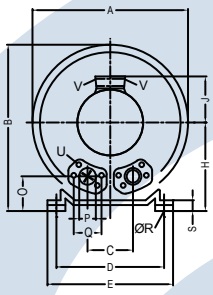
			50 Hz	60 Hz
Motor power		kW	5,5	6,3
Maximum airflow		m³/h	500	600
Ultimate pressure		mbar	+220	+170
Ultimate vacuum		mbar	-240	-180
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	11,1	11,0
Input current Y		A	6,4	6,4
Noise level		dB(A)	74	78
Weight		kg	73	73
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

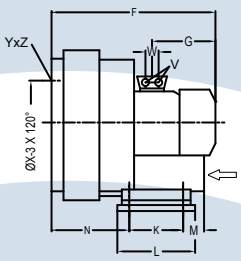
Ordering Information — TYPE EVSC-D76B3

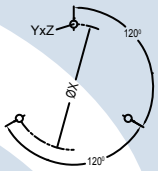
EVSC-D76B3	3ph AC	142376
Other voltages/frequencies		Upon request

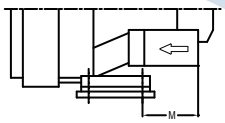
Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140013



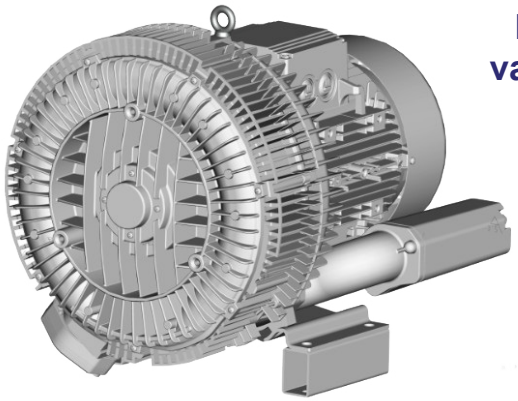






Type	Phases	A	B	C	C'	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	YxZ	X-Holes	ØX
EVSC-D76B3	3~	424	469	-	309	209	325	571	247	257	167	140	180	84	205	153	G2	94	15	65	M8X17	4XM32x1.5	M12X20	0°/120°/240°	286

Eurovacuum

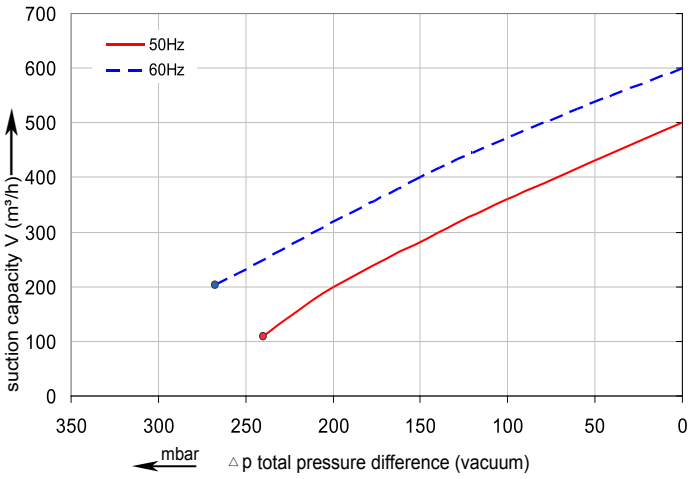


Double stage side channel vacuum pump / compressor

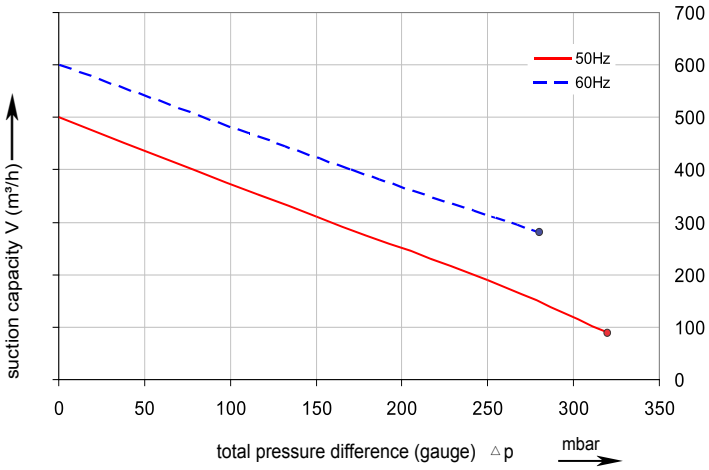
EVSC-D77B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D77B3

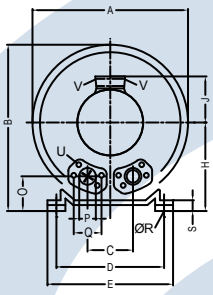
			50 Hz	60 Hz
Motor power		kW	7,5	8,6
Maximum airflow		m³/h	500	600
Ultimate pressure		mbar	+320	+280
Ultimate vacuum		mbar	-240	-270
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	15,0	15,1
Input current Y		A	8,7	8,8
Noise level		dB(A)	74	78
Weight		kg	86	86
Connection	inlet	G(BSP)	2”	2”
	outlet	G(BSP)	2”	2”

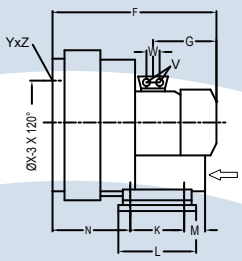
Ordering Information — TYPE EVSC-D77B3

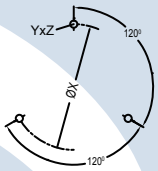
EVSC-D77B3	3ph AC	142377
Other voltages/frequencies		Upon request

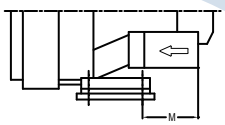
Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140036
Compressor suction filter	140026
Set of feet for horizontal positioning	140013





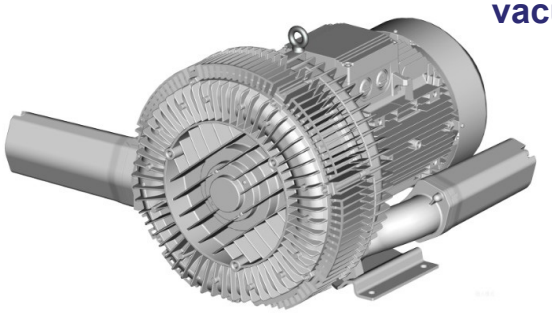




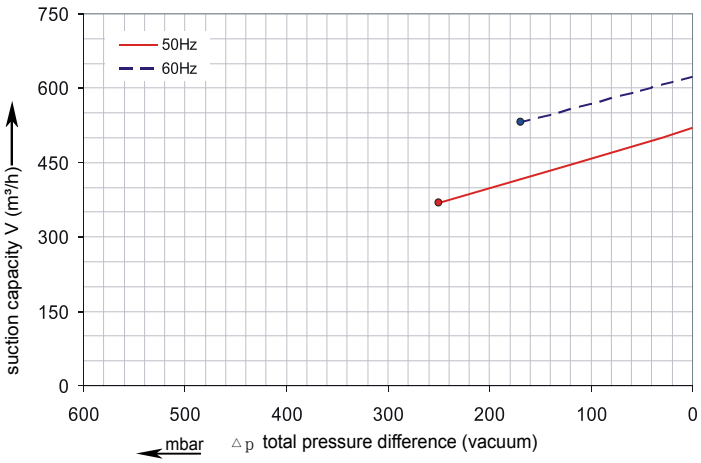
Type	Phases	A	B	C	C'	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	YxZ	X-Holes	ØX
EVSC-D77B3	3~	424	469	-	309	209	325	607	283	257	167	140	180	84	205	153	G2	94	15	65	M8X17	4XM32x1.5	M12X20	0°/120°/240°	286

Eurovacuum

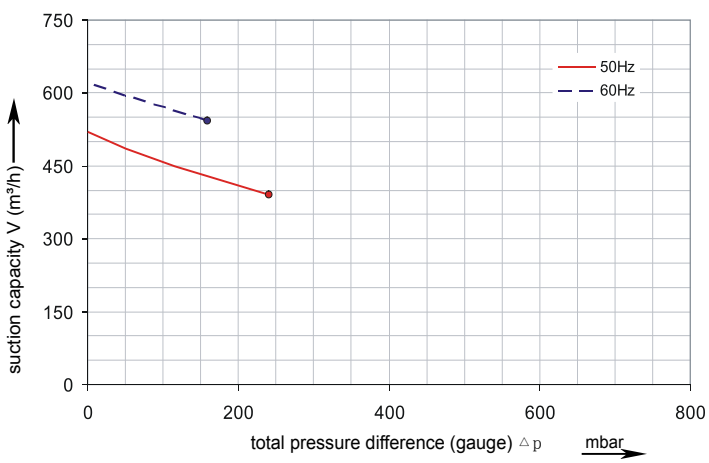
Double stage side channel vacuum pump / compressor
EVSC-D80A3



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D80A3

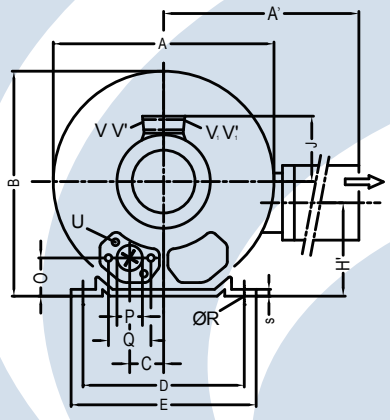
			50 Hz	60 Hz
Motor power		kW	5,5	6,3
Maximum airflow		m³/h	520	620
Ultimate pressure		mbar	+240	+160
Ultimate vacuum		mbar	-240	-170
Input voltage 3 phase Δ		V	345-415	380-480
Input voltage 3 phase Y		V	600-720	660-720
Input current Δ		A	13,3	13,3
Input current Y		A	7,7	7,7
Noise level		dB(A)	74	78
Weight		kg	83	83
Connection	inlet	G(BSP)	2½"	2½"
	outlet	G(BSP)	2½"	2½"

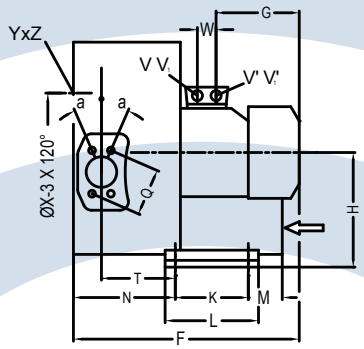
Ordering Information — TYPE EVSC-D80A3

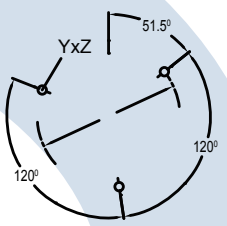
EVSC-D80A3	3ph AC	142380
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140037
Compressor suction filter	140027
Set of feet for horizontal positioning	140013





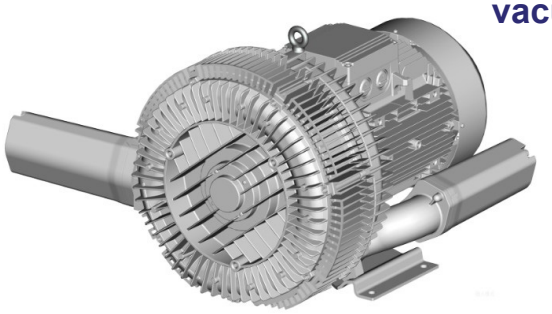


Type	Phases	A	A'	B	B'	C	D	E	F	F'	G	H	H'	J	K	L	M	N	N'	O	ØP	ØR	S	V	W	ØX	YxZ	X-Holes
EVSC-D80A3	3~	500	549	490	509	76	356	394	545	589	226	240	199	167	170	217	-	236	84	65	G2½	15	6	4xM32x1.5	42	286	M12x20	51.4°/120°/240°

Eurovacuum

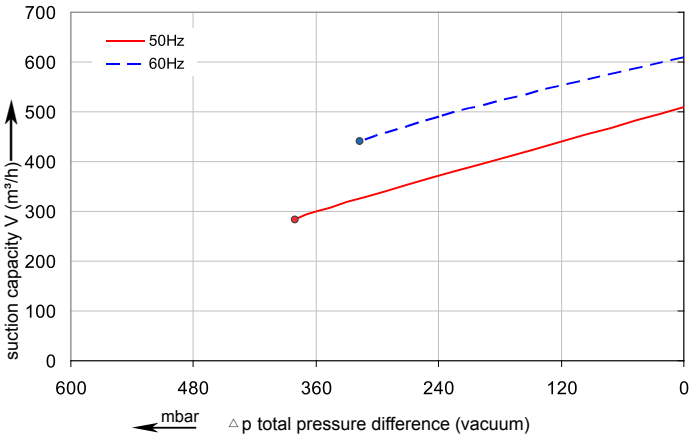
Double stage side channel vacuum pump / compressor

EVSC-D81B3

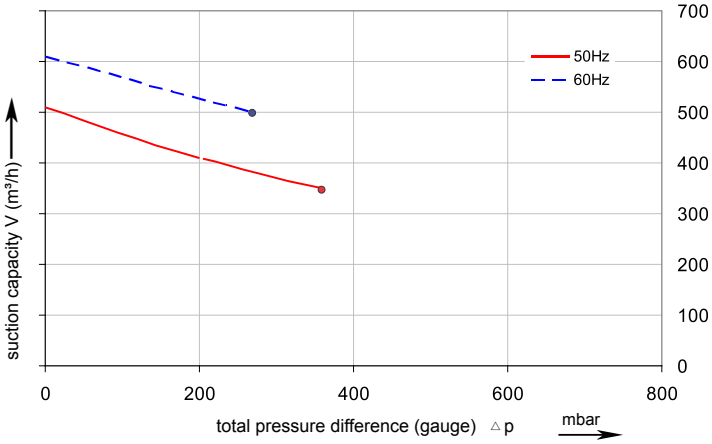


energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D81B3

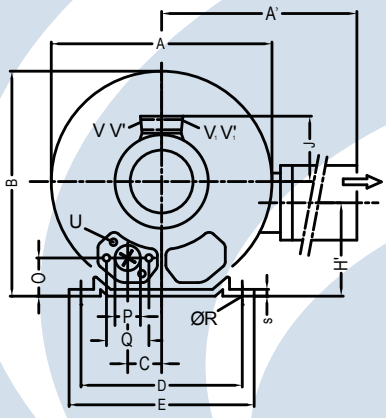
			50 Hz	60 Hz
Motor power		kW	7,5	8,6
Maximum airflow		m³/h	520	270
Ultimate pressure		mbar	+350	+330
Ultimate vacuum		mbar	-380	-310
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	15,0	15,1
Input current Y		A	8,7	8,8
Noise level		dB(A)	74	78
Weight		kg	16,9	16,9
Connection	inlet	G(BSP)	2½"	2½"
	outlet	G(BSP)	2½"	2½"

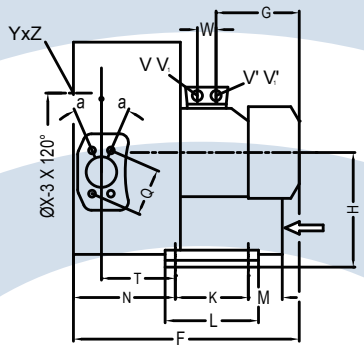
Ordering Information — TYPE EVSC-D81B3

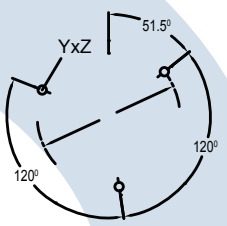
EVSC-D81B3	3ph AC	142381
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140037
Compressor suction filter	140027
Set of feet for horizontal positioning	140012





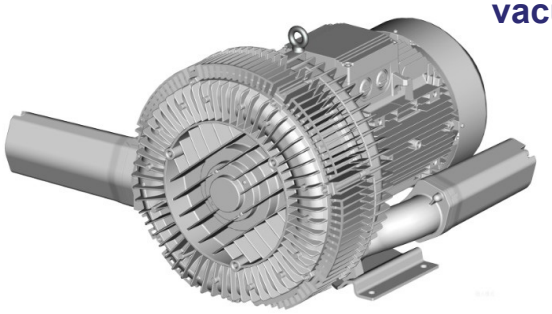


Type	Phases	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q	ØR	S	T	U	V	V'	V₁	V₁'	W	YxZ	a	X-Holes	ØX
EVSC-D81B3	3~	500	549	490	76	356	394	625	262	240	200	167	170	217	140	212	65	G2½	65	15	6	152	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	42	M10X20	23.5°	51.5°/120°/120°	286

Eurovacuum

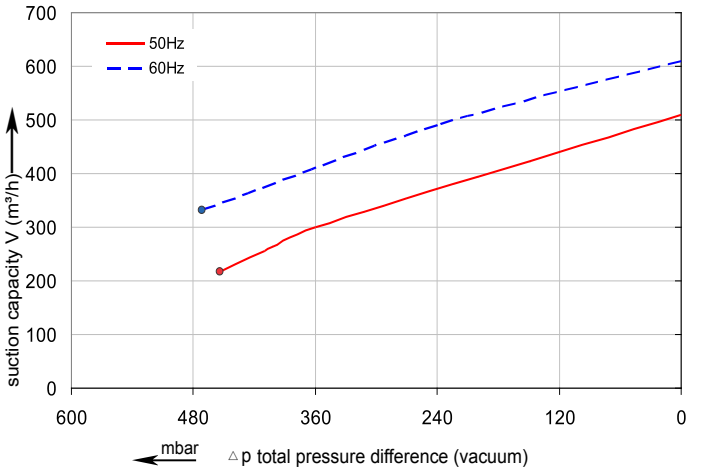
Double stage side channel vacuum pump / compressor

EVSC-D82B3

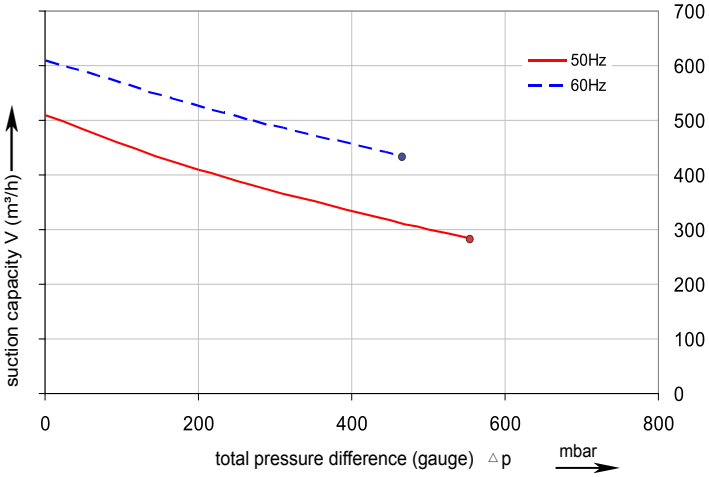


energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D82B3

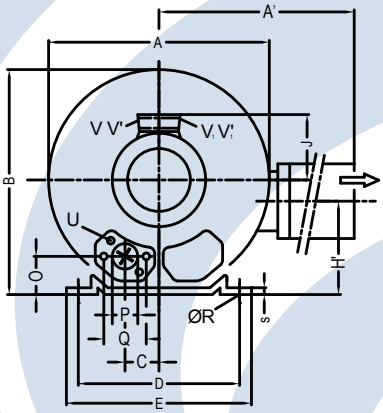
			50 Hz	60 Hz
Motor power		kW	11,0	12,6
Maximum airflow		m³/h	520	620
Ultimate pressure		mbar	+560	+470
Ultimate vacuum		mbar	-430	-460
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	22,0	22,0
Input current Y		A	12,7	12,9
Noise level		dB(A)	74	78
Weight		kg	205	205
Connection	inlet	G(BSP)	2½"	2½"
	outlet	G(BSP)	2½"	2½"

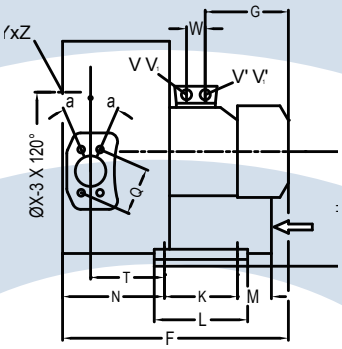
Ordering Information — TYPE EVSC-D82B3

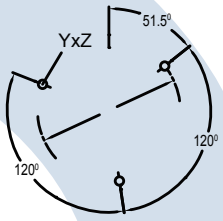
EVSC-D82B3	3ph AC	142382
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140037
Compressor suction filter	140027
Set of feet for horizontal positioning	140012





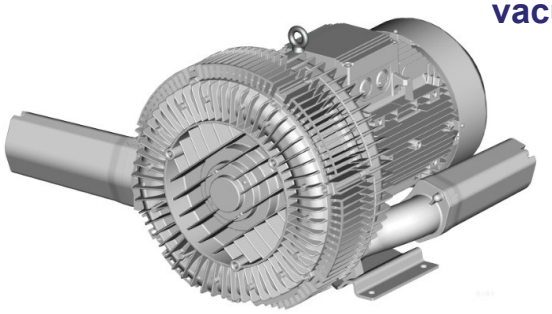


Type	Phases	A	A'	B	B'	C	D	E	F	F'	G	H	H'	J	K	L	M	N	N'	O	ØP	ØR	S	V	W	ØX	YxZ	X-Holes
EVSC-D82B3	3~	500	549	490	509	76	356	394	695	694	291	240	200	197	170	217	-	212	-	65	G2½	15	6	4xM32x1.5	54	286	M10x20	51.4°/120°/240°

Eurovacuum

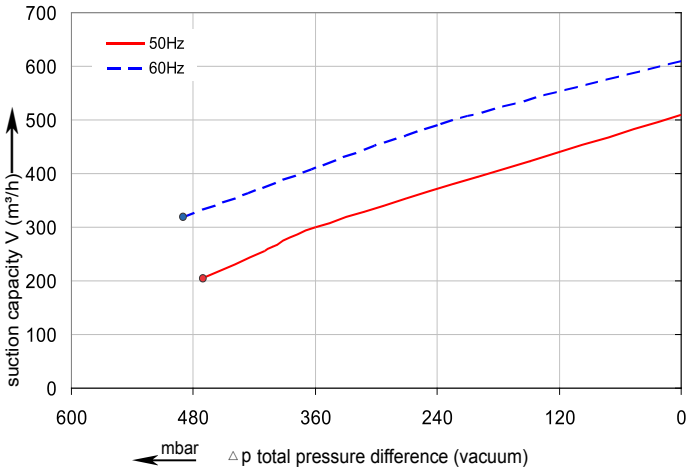
Double stage side channel vacuum pump / compressor

EVSC-D83A3

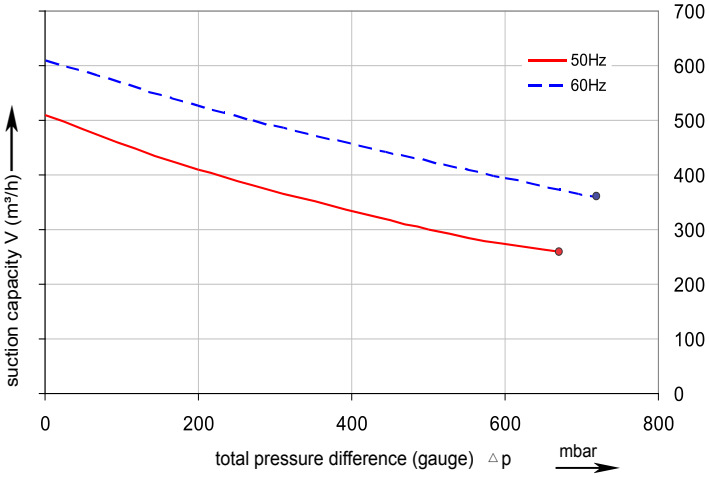


energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D83B3

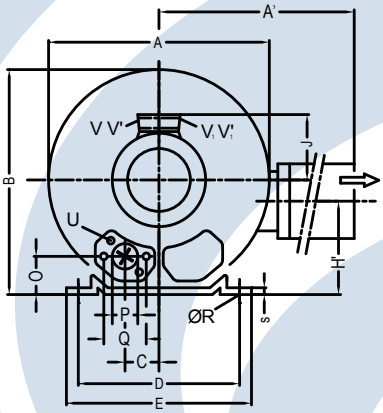
			50 Hz	60 Hz
Motor power		kW	15,0	17,3
Maximum airflow		m³/h	520	620
Ultimate pressure		mbar	+670	+720
Ultimate vacuum		mbar	-460	-490
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	30,5	29,5
Input current Y		A	17,3	17,0
Noise level		dB(A)	74	78
Weight		kg	221	221
Connection	inlet	G(BSP)	2½"	2½"
	outlet	G(BSP)	2½"	2½"

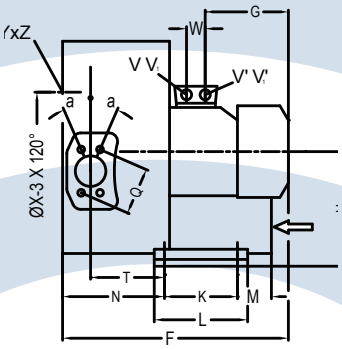
Ordering Information — TYPE EVSC-D83B3

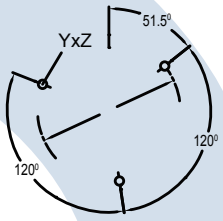
EVSC-D83B3	3ph AC	142383
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140037
Compressor suction filter	140027
Set of feet for horizontal positioning	140012





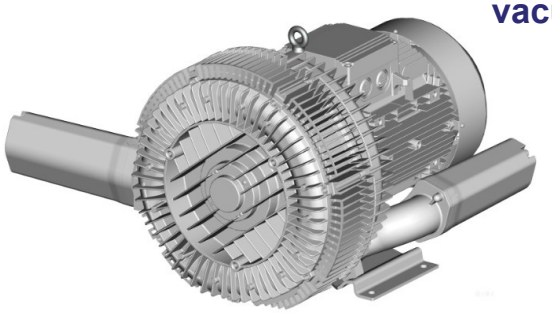


Type	Phases	A	A'	B	B'	C	D	E	F	F'	G	H	H'	J	K	L	M	N	N'	O	ØP	ØR	S	V	W	ØX	YxZ	X-Holes
EVSC-D83A3	3~	500	549	490	-	76	356	755	545	-	351	240	200	167	170	217	312	212	84	65	G2½	15	6	4xM32x1.5	55	286	M10x20	51.4°/120°/240°

Eurovacuum

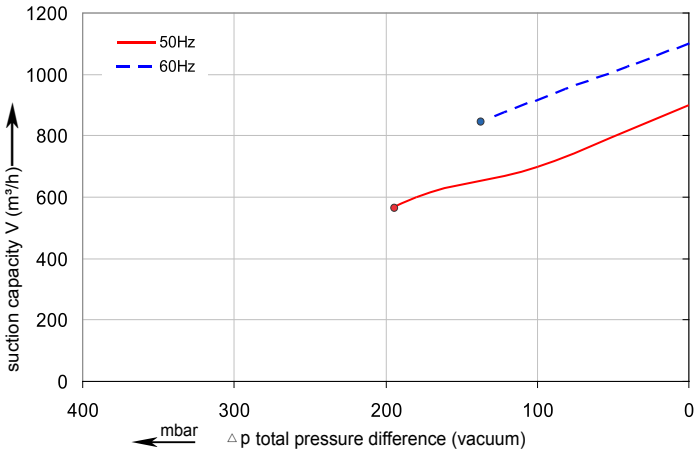
Double stage side channel vacuum pump / compressor

EVSC-D84B3

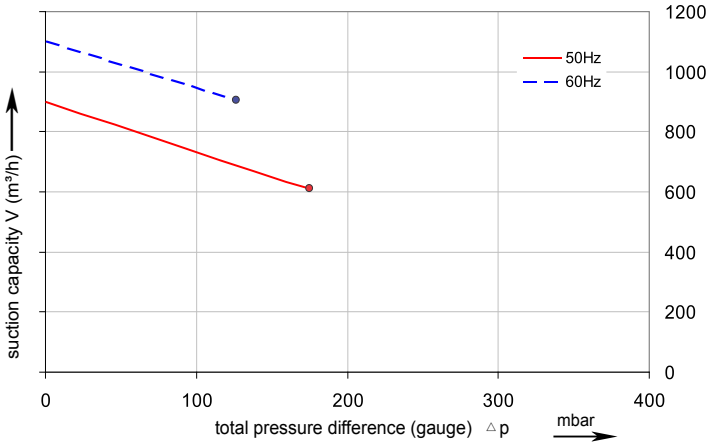


energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D84A3

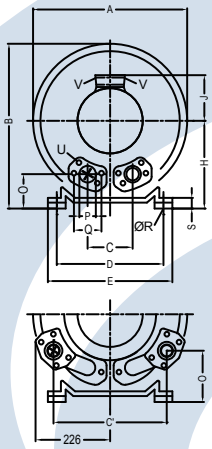
			50 Hz	60 Hz
Motor power		kW	7,5	8,6
Maximum airflow		m³/h	900	1050
Ultimate pressure		mbar	+180	+130
Ultimate vacuum		mbar	-190	-140
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	15,1	15,3
Input current Y		A	8,7	8,9
Noise level		dB(A)	74	78
Weight		kg	160	160
Connection	inlet	G(BSP)	2½"	2½"
	outlet	G(BSP)	2½"	2½"

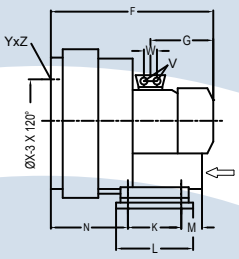
Ordering Information — TYPE EVSC-D84B3

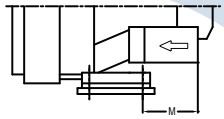
EVSC-D84B3	3ph AC	142384
Other voltages/frequencies		Upon request

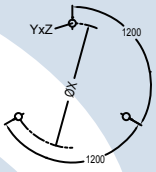
Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140037
Compressor suction filter	140027
Set of feet for horizontal positioning	140013



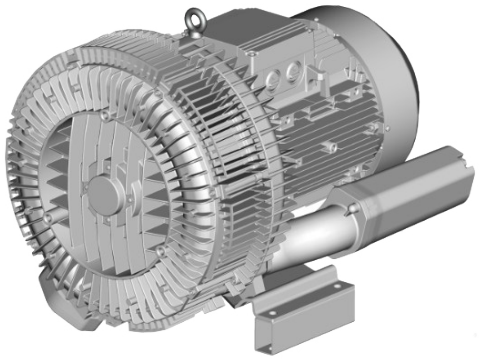






Type	Phases	A	B	C	C'	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	YxZ	X-Holes	ØX
EVSC-D84B3	3~	500	550	-	336	356	394	694	318	300	197	170	217	311	236	165	G2 1/2	83	15	66	M8X17	4 x M40x1.5	M12X20	0°/120°/240°	490

Eurovacuum

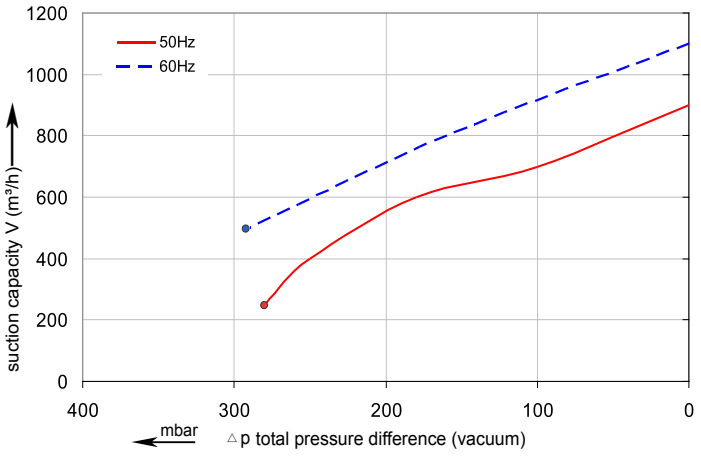


Double stage side channel vacuum pump / compressor

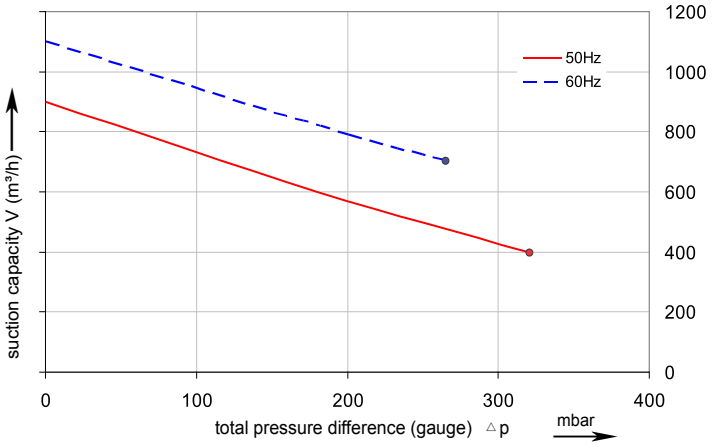
EVSC-D85B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-D85B3

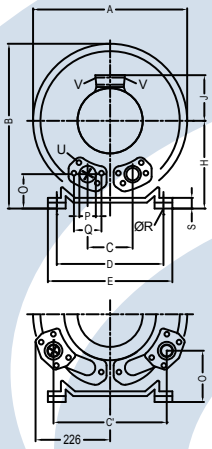
			50 Hz	60 Hz
Motor power		kW	11,0	12,6
Maximum airflow		m³/h	900	1050
Ultimate pressure		mbar	+320	+270
Ultimate vacuum		mbar	-280	-290
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	22,0	22,0
Input current Y		A	12,7	12,9
Noise level		dB(A)	74	78
Weight		kg	200	200
Connection	inlet	G(BSP)	2½"	2½"
	outlet	G(BSP)	2½"	2½"

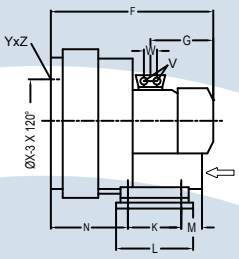
Ordering Information TYPE EVSC-D85B3

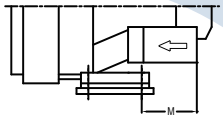
EVSC-D85B3	3ph AC	142385
Other voltages/frequencies		Upon request

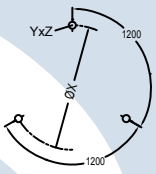
Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140037
Compressor suction filter	140027
Set of feet for horizontal positioning	140013







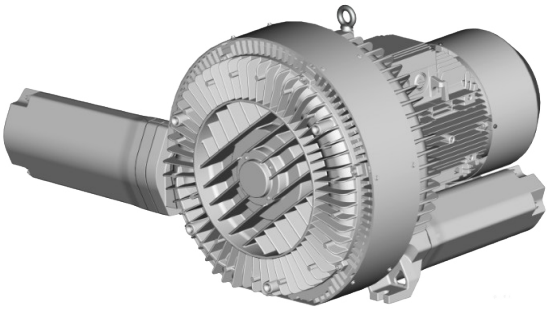


Type	Phases																Ø				X-Holes	Ø
EVSC-D85B3	3~	500	550	-	336	356	394	754	378	300	197	170	217	311	236	165	G2½	83	15	66	M8X17	4 x M40x1.5	M12X20	0°/120°/240°	490

Eurovacuum

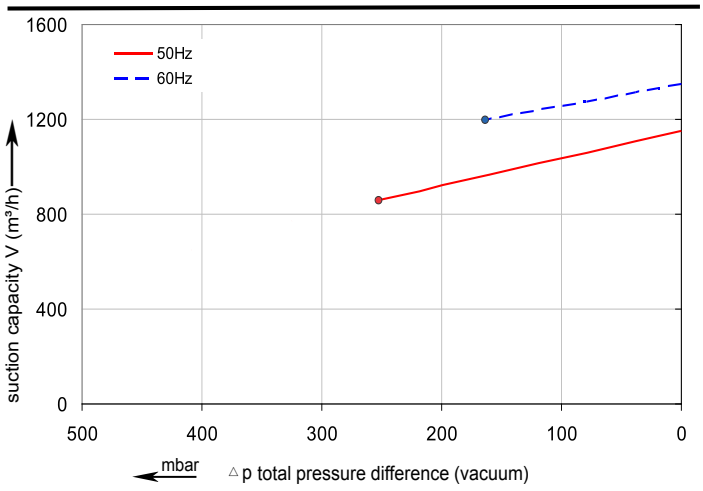
Double stage side channel vacuum pump / compressor

EVSC-D90B3

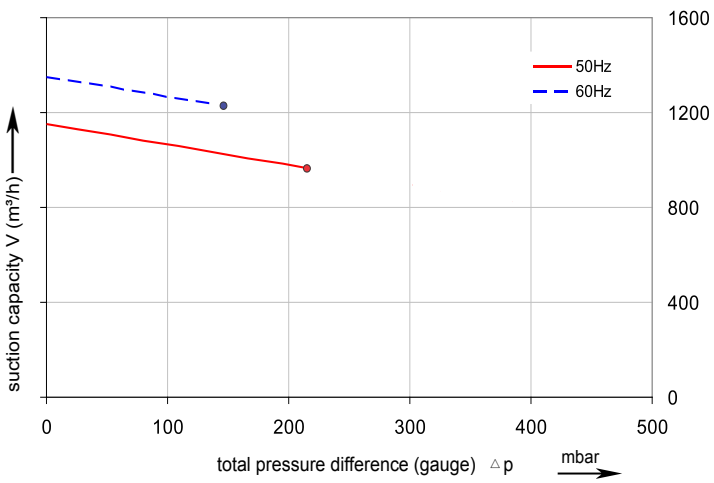


energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D90B3

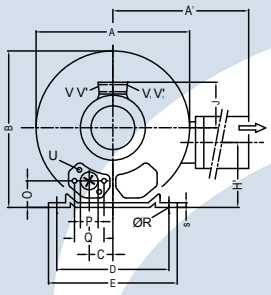
			50 Hz	60 Hz
Motor power		kW	11,0	12,6
Maximum airflow		m³/h	1110	1310
Ultimate pressure		mbar	+220	+140
Ultimate vacuum		mbar	-240	-160
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	22,0	22,0
Input current Y		A	12,7	12,9
Noise level		dB(A)	74	84
Weight		kg	265	265
Connection	inlet	G(BSP)	4”	4”
	outlet	G(BSP)	4”	4”

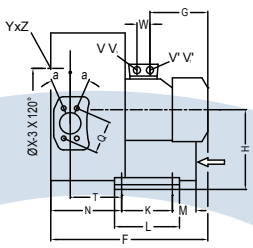
Ordering Information — TYPE EVSC-D90B3

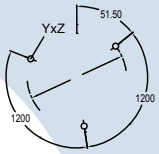
EVSC-D90B3	3ph AC	142390
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140012





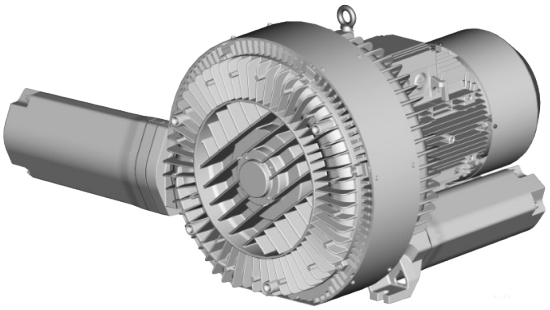


Type	Phases	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q	ØR	S	T	U	V	V'	V₁	V'₁	W	YxZ	a	X-Holes	ØX
EVSC-D90B3	3~	615	780	608	104	360	414	753	291	300	236	197	533	575	17	230	93	G4	134	15	21	117	M12x30	M40X1.5	M40X1.5	M40X1.5	M40X1.5	55	M10X20	-	51.5°/120°/60°/60	490

Eurovacuum

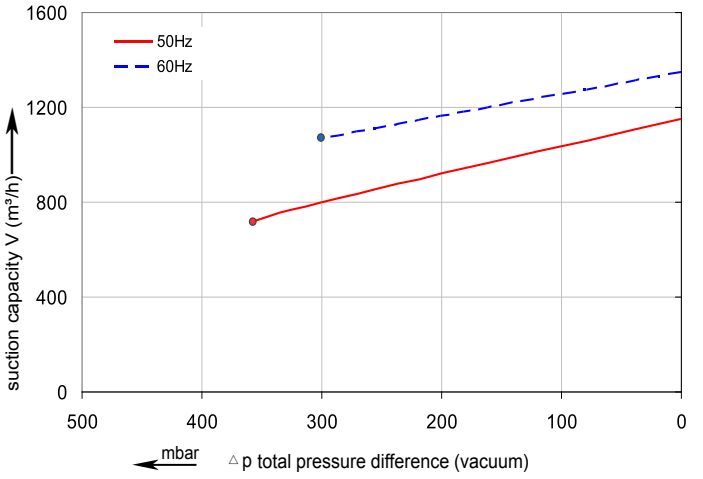
Double stage side channel vacuum pump / compressor

EVSC-D91B3

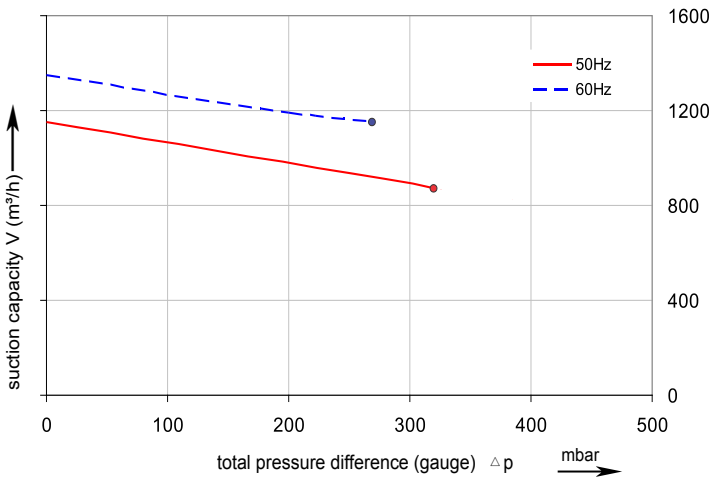


energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D91B3

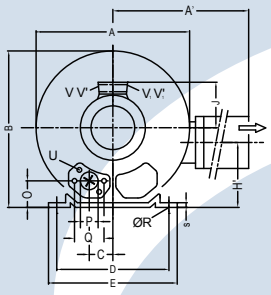
			50 Hz	60 Hz
Motor power		kW	15,0	17,3
Maximum airflow		m³/h	1110	1310
Ultimate pressure		mbar	+330	+260
Ultimate vacuum		mbar	-360	-300
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	30,5	29,5
Input current Y		A	17,3	17,0
Noise level		dB(A)	74	78
Weight		kg	278	278
Connection	inlet	G(BSP)	4”	4”
	outlet	G(BSP)	4”	4”

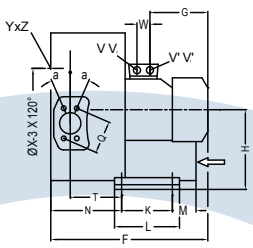
Ordering Information — TYPE EVSC-D91B3

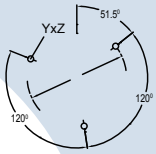
EVSC-D9B3	3ph AC	142391
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140012





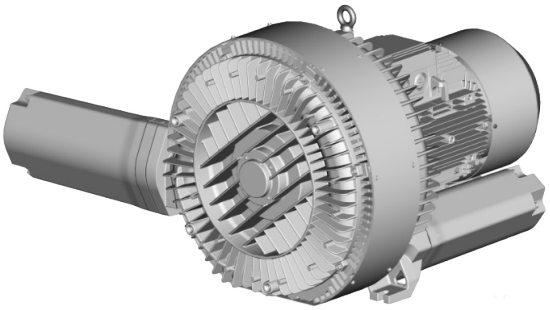


Type	Phases	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q	ØR	S	T	U	V	V'	V₁	V'₁	W	YxZ	a	X-Holes	ØX
EVSC-D91B3	3~	615	780	608	104	360	414	812	351	300	236	197	533	575	17	230	93	G4	134	15	21	117	M12x30	M40X1.5	M40X1.5	M40X1.5	M40X1.5	55	M10X20	-	51.5°/120°/60°/60	490

Eurovacuum

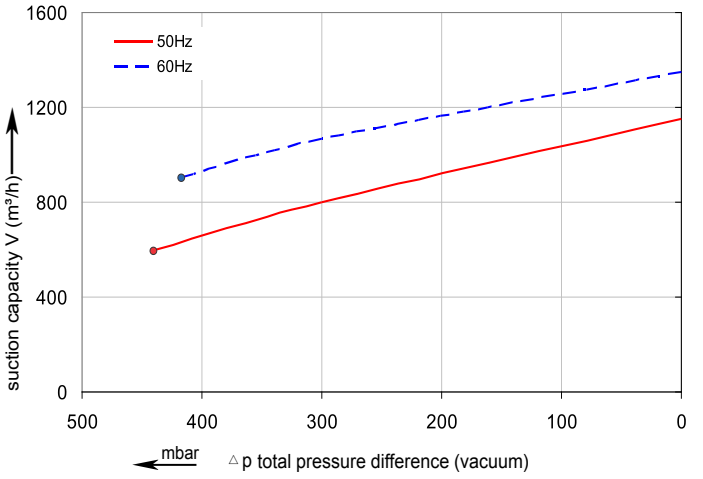
Double stage side channel vacuum pump / compressor

EVSC-D92B3

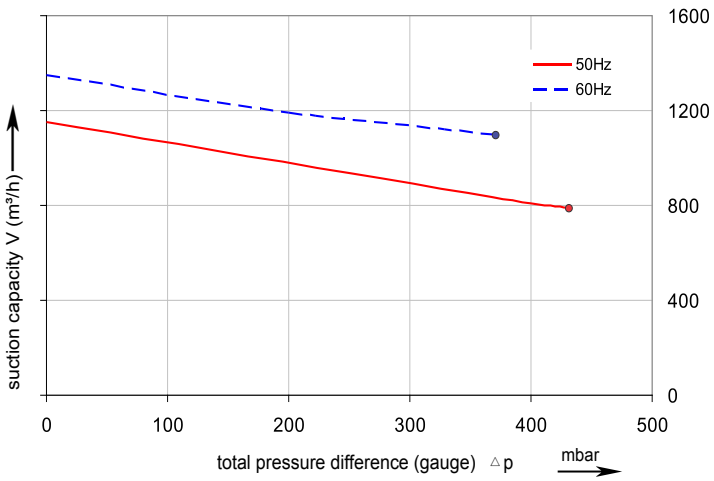


energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D92B3

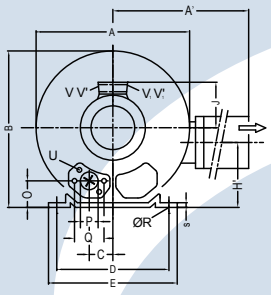
			50 Hz	60 Hz
Motor power		kW	18,5	21,3
Maximum airflow		m³/h	1100	1310
Ultimate pressure		mbar	+430	+370
Ultimate vacuum		mbar	-440	-420
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	37,0	36.5
Input current Y		A	21,0	21,0
Noise level		dB(A)	74	84
Weight		kg	295	295
Connection	inlet	G(BSP)	4”	4”
	outlet	G(BSP)	4”	4”

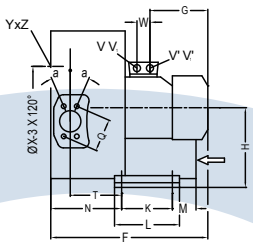
Ordering Information — TYPE EVSC-D92B3

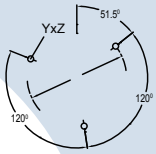
EVSC-D92B3	3ph AC	142392
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140012



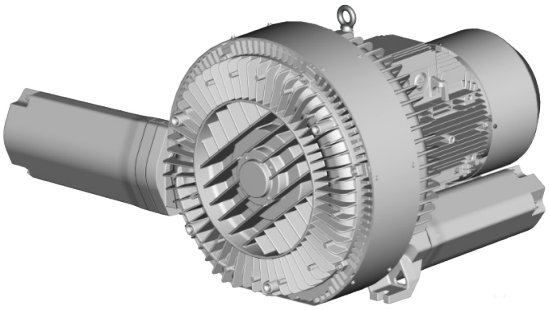




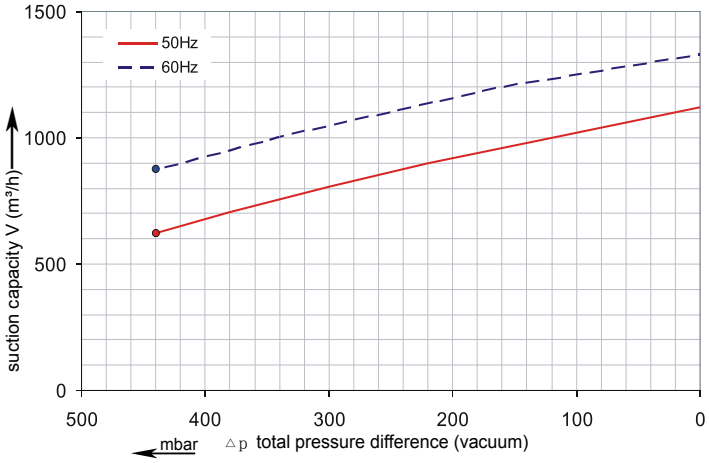
Type	Phases	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q	ØR	S	T	U	V	V'	V₁	V'₁	W	YxZ	a	X-Holes	ØX
EVSC-D92B3	3~	615	780	608	104	360	414	812	351	300	236	197	533	575	17	230	93	G4	134	15	21	117	M12x30	M40X1.5	M40X1.5	M40X1.5	M40X1.5	55	M10X20	-	51.5°/120°/60°/60	490

Eurovacuum

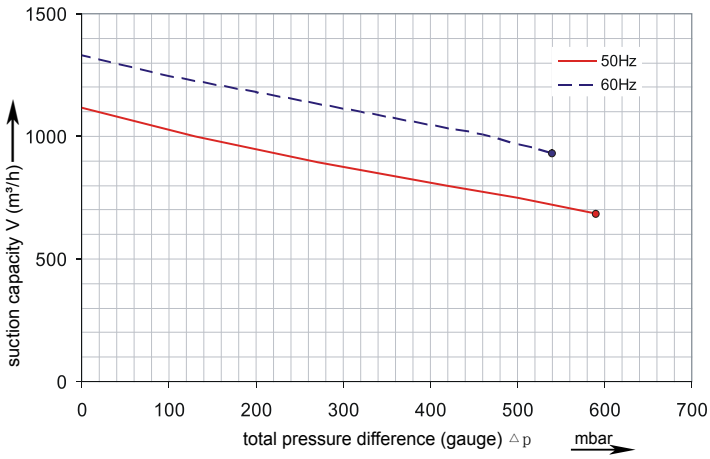
Double stage side channel vacuum pump / compressor
EVSC-D93B3



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D93A3

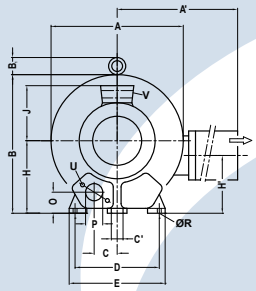
			50 Hz	60 Hz
Motor power		kW	25,0	29,0
Maximum airflow		m³/h	1110	1310
Ultimate pressure		mbar	+590	+540
Ultimate vacuum		mbar	-440	-440
Input voltage 3 phase Δ		V	345-415	380-480
Input voltage 3 phase Y		V	600-720	660-720
Input current Δ		A	52,0	52,0
Input current Y		A	30,0	30,0
Noise level		dB(A)	74	84
Weight		kg	211	211
Connection	inlet	G(BSP)	4”	4”
	outlet	G(BSP)	4”	4”

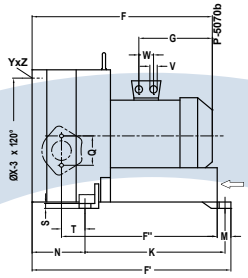
Ordering Information — TYPE EVSC-D93A3

EVSC-D93A3	3ph AC	142393
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140012

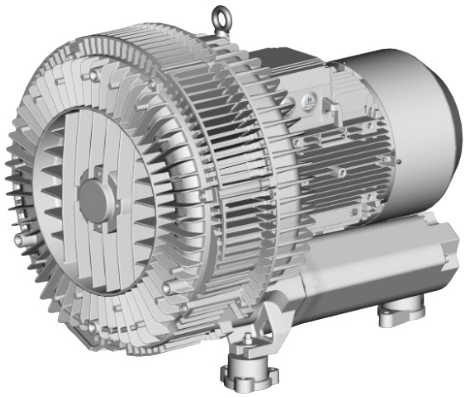






Type	Phases																												X-Bohrungen X-Holes
		A	A'	B	B1	C	C'	D	E	F	F'	F''	G	H	H'	J	K	M	N	O	ØP	Q	ØR	S	T	U	V	W	ØX	YxZ	
EVSC-D93A3	3~	615	780	607	16	103.5	15	360	415	812	786	634	345	300	234	197	533	39	230	92	100	150	G4”	21	117	M12x30	4 x M40x1.5	54	490	M12x30	51.4°/120°/240°

Eurovacuum

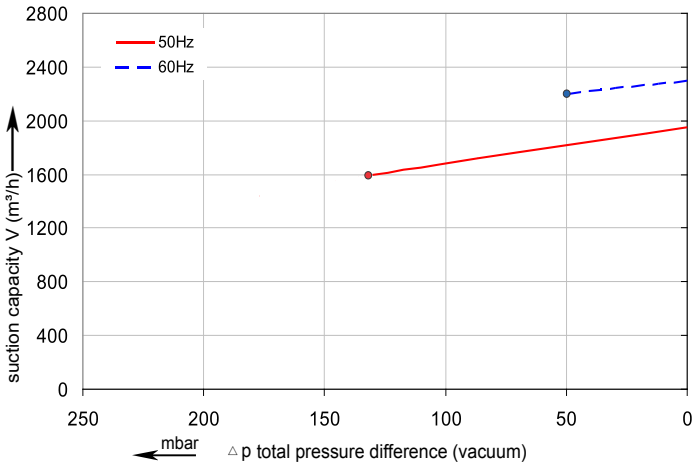


Double stage side channel vacuum pump / compressor

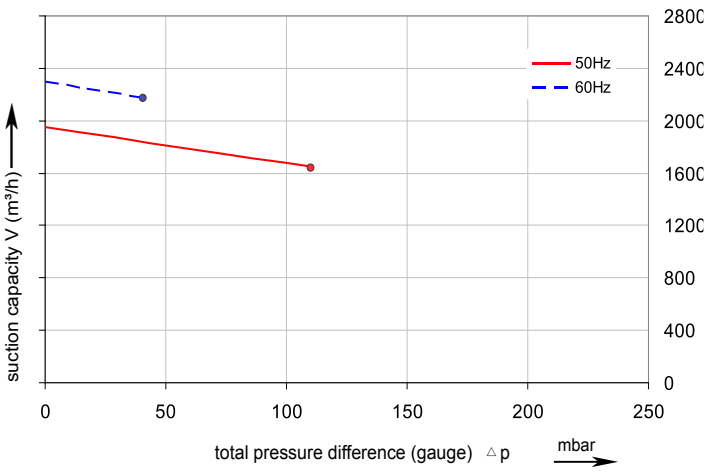
EVSC-D94B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-D94B3

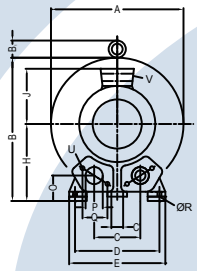
			50 Hz	60 Hz
Motor power		kW	15,0	17,3
Maximum airflow		m³/h	1940	2310
Ultimate pressure		mbar	+110	+40
Ultimate vacuum		mbar	-130	-50
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	30,5	29,5
Input current Y		A	17,3	17,0
Noise level		dB(A)	75	84
Weight		kg	220	220
Connection	inlet	G(BSP)	4”	4”
	outlet	G(BSP)	4”	4”

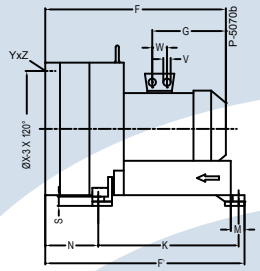
Ordering Information TYPE EVSC-D94B3

EVSC-D94B3	3ph AC	142394
Other voltages/frequencies		Upon request

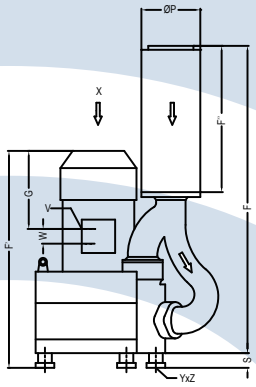
Accessories

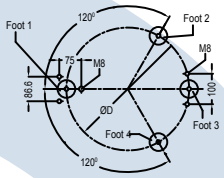
Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140013

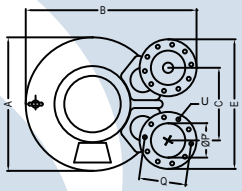






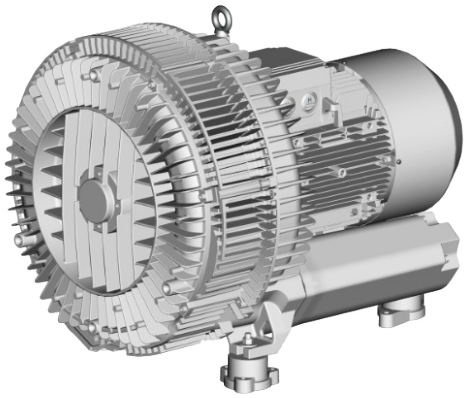






Type	Phases	A	B	B1	C	C'	D	E	F	F'	G	H	J	K	M	N	O	P	Q	ØR	S	U	V	W	ØX	YxZ	X-Holes
EVSC-D94B3	3~	610	663	19	207	15	360	415	813	786	405	358	197	533	39	230	150	100	134	15	79	M12x35	4xM40x1.5	54	490	M12x30	0/120°/60°/60°

Eurovacuum

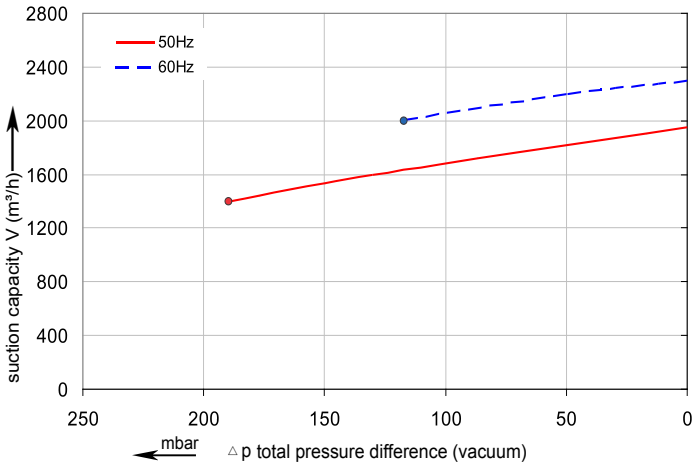


Double stage side channel vacuum pump / compressor

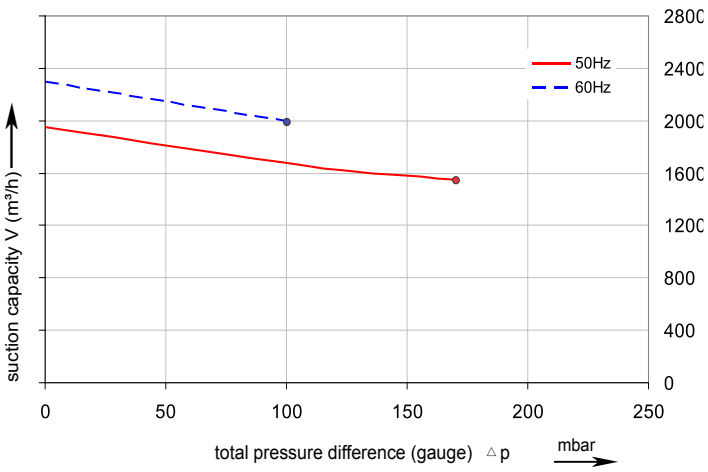
EVSC-D95B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-D95B3

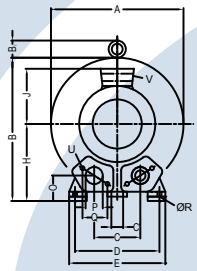
			50 Hz	60 Hz
Motor power		kW	18,5	21,3
Maximum airflow		m³/h	1940	2310
Ultimate pressure		mbar	+170	+100
Ultimate vacuum		mbar	-190	-120
Input voltage 3 phase Δ		V	350-450	400-500
Input voltage 3 phase Y		V	610-725	690-725
Input current Δ		A	37,0	36,5
Input current Y		A	21,0	21,0
Noise level		dB(A)	75	84
Weight		kg	250	250
Connection	inlet	G(BSP)	4”	4”
	outlet	G(BSP)	4”	4”

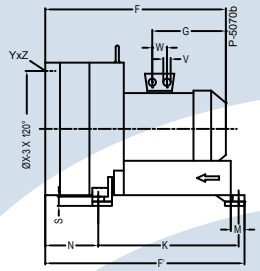
Ordering Information TYPE EVSC-D95B3

EVSC-D95B3	3ph AC	142395
Other voltages/frequencies		Upon request

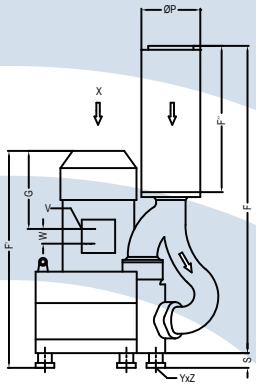
Accessories

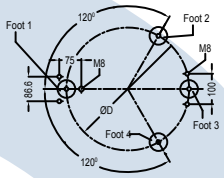
Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140013

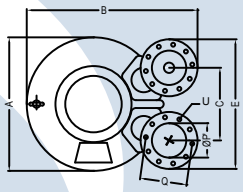






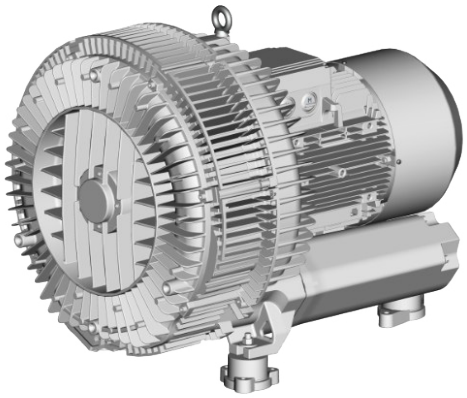






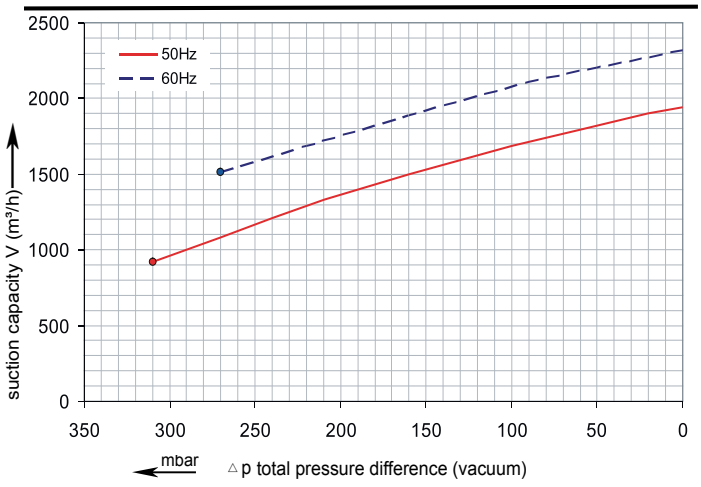
Type	Phases	A	B	B1	C	C'	D	E	F	F'	G	H	J	K	M	N	O	P	Q	ØR	S	U	V	W	ØX	YxZ	X-Holes
EVSC-D95B3	3~	610	663	19	207	15	360	415	813	786	405	358	197	533	39	230	150	100	134	15	79	M12x35	4xM40x1.5	54	490	M12x30	0/120°/60°/60°

Eurovacuum

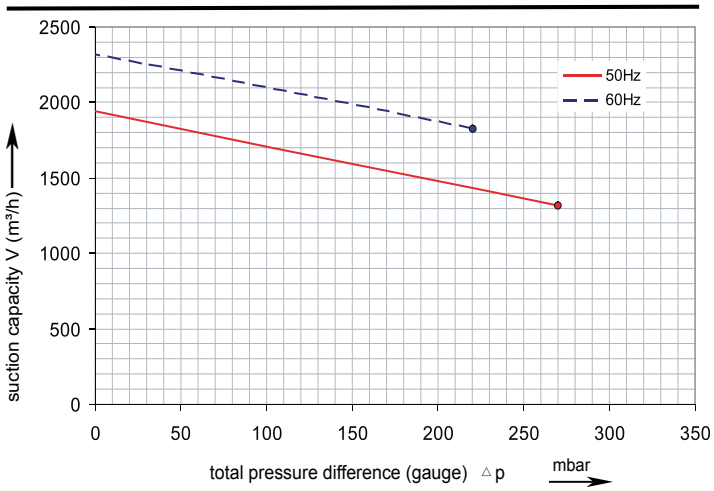


Double stage side channel vacuum pump / compressor
EVSC-D96A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D96A3

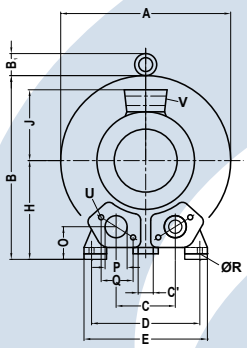
			50 Hz	60 Hz
Motor power		kW	25,0	29,0
Maximum airflow		m³/h	1940	2310
Ultimate pressure		mbar	+270	+220
Ultimate vacuum		mbar	-310	-270
Input voltage 3 phase Δ		V	345-415	380-480
Input voltage 3 phase Y		V	600-720	660-720
Input current Δ		A	52,0	52,0
Input current Y		A	30,0	30,0
Noise level		dB(A)	75	84
Weight		kg	219	219
Connection	inlet	G(BSP)	4”	4”
	outlet	G(BSP)	4”	4”

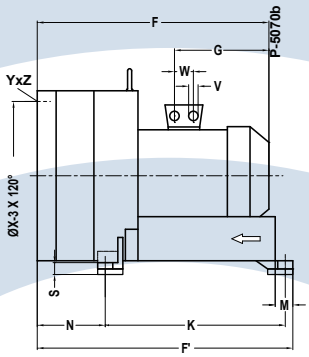
Ordering Information — TYPE EVSC-D96A3

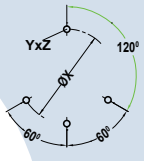
EVSC-D96A3	3ph AC	142396
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140013







Type	Phases	A	B	B1	C	C'	D	E	F	F'	G	H	J	K	M	N	O	ØP	Q	ØR	S	U	V	W	ØX	YxZ	X-Holes
EVSC-D96A3	3~	615	657	16	207	15	360	415	812	786	345	350	197	533	39	280	142	G4”	140	15	71	M12x35	4xM40x1.5	54	490	M12x30	120°/60°/60°

Eurovacuum

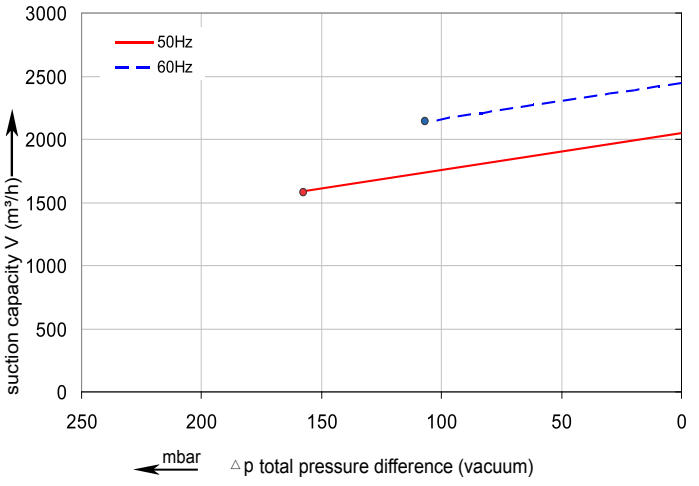


Double stage side channel vacuum pump / compressor

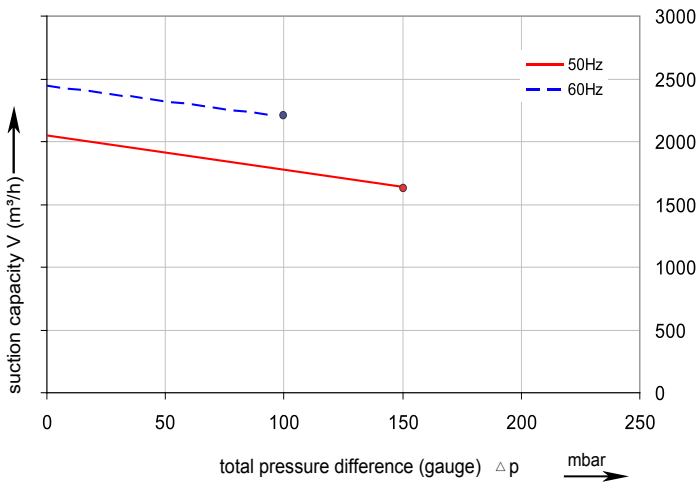
EVSC-D97B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-D99B3

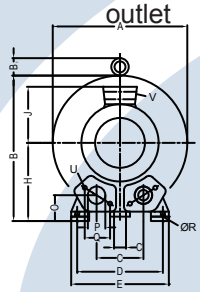
		50 Hz	60 Hz
Motor power	kW	15,0	17,3
Maximum airflow	m³/h	2050	2480
Ultimate pressure	mbar	+150	+100
Ultimate vacuum	mbar	-160	-110
Input voltage 3 phase Δ	V	350-450	400-500
Input voltage 3 phase Y	V	610-725	690-725
Input current Δ	A	30,5	29,5
Input current Y	A	17,3	17,0
Noise level	dB(A)	75	84
Weight	kg	270	270
Connection inlet	G(BSP)	4”	4”
outlet	G(BSP)	4”	4”

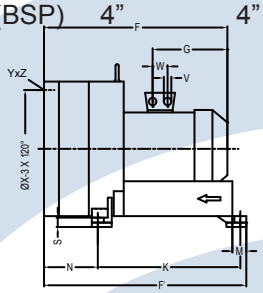
Ordering Information TYPE EVSC-D99B3

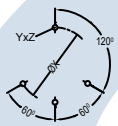
EVSC-D99B3	3ph AC	142399
Other voltages/frequencies		Upon request

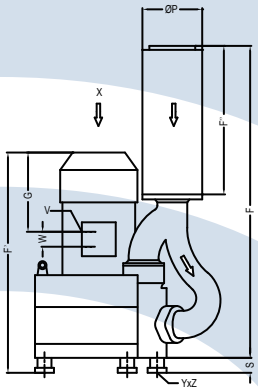
Accessories

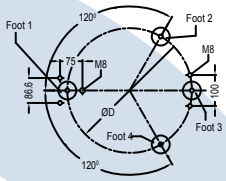
Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140013

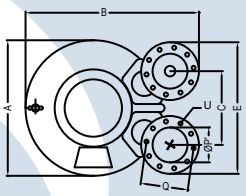












Type	Phases																
		A	B	C	E	F	F'	F"	G	ØP	ØP'	Q	S	U	V	W	YxZ
EVSC-D97B3	3~	610	723	307	526	1201	908	573	351	219	G4”	201	58	M8x40	4xM40x1.5	54	M12x10.5

Eurovacuum

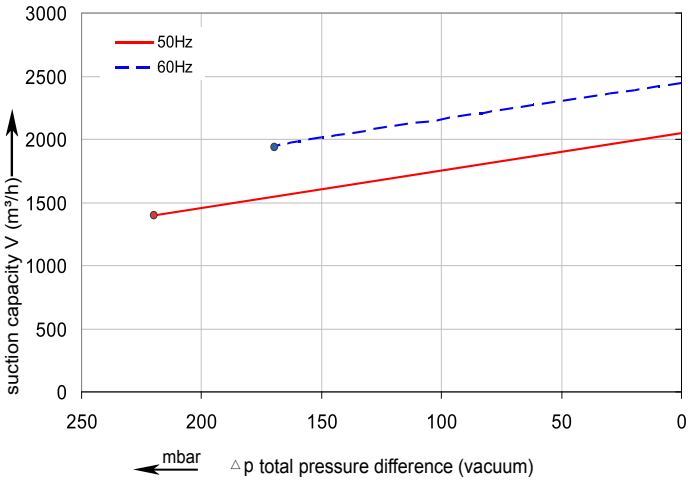


Double stage side channel vacuum pump / compressor

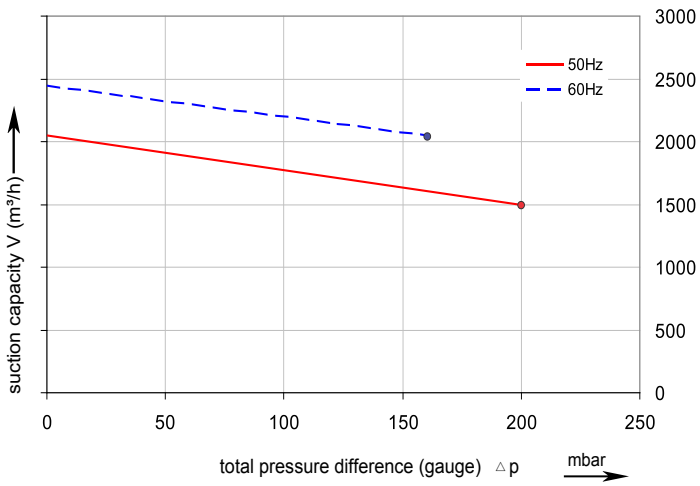
EVSC-D98B3

energy efficient IE2 compliant

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D98B3

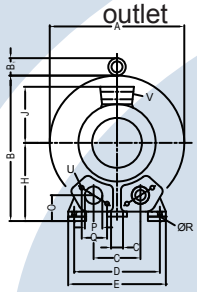
		50 Hz	60 Hz
Motor power	kW	18,5	21,3
Maximum airflow	m³/h	2050	2480
Ultimate pressure	mbar	+200	+160
Ultimate vacuum	mbar	-220	-170
Input voltage 3 phase Δ	V	350-450	400-500
Input voltage 3 phase Y	V	610-725	690-725
Input current Δ	A	37,0	36,5
Input current Y	A	21,0	21,0
Noise level	dB(A)	75	84
Weight	kg	300	300
Connection inlet	G(BSP)	4”	4”
outlet	G(BSP)	4”	4”

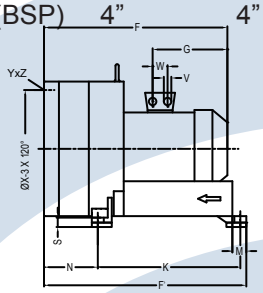
Ordering Information — TYPE EVSC-D98B3

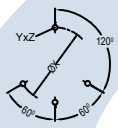
EVSC-D98A3 3ph AC	142398
Other voltages/frequencies	Upon request

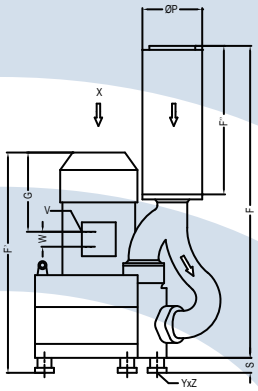
Accessories

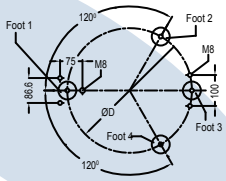
Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140013

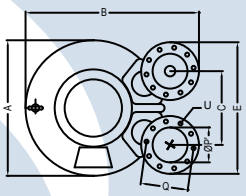












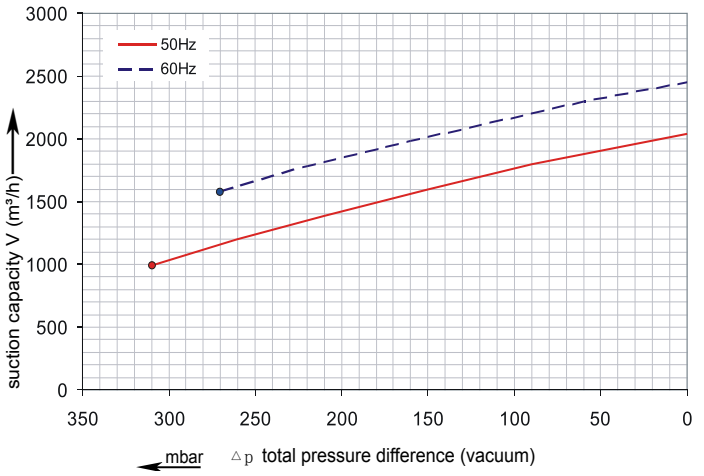
Type	Phases																
		A	B	C	E	F	F'	F"	G	ØP	ØP'	Q	S	U	V	W	YxZ
EVSC-D98A3	3~	610	723	307	526	1201	908	573	351	219	135	201	58	M8x40	4xM40x1.5	54	M12x10.5

Eurovacuum

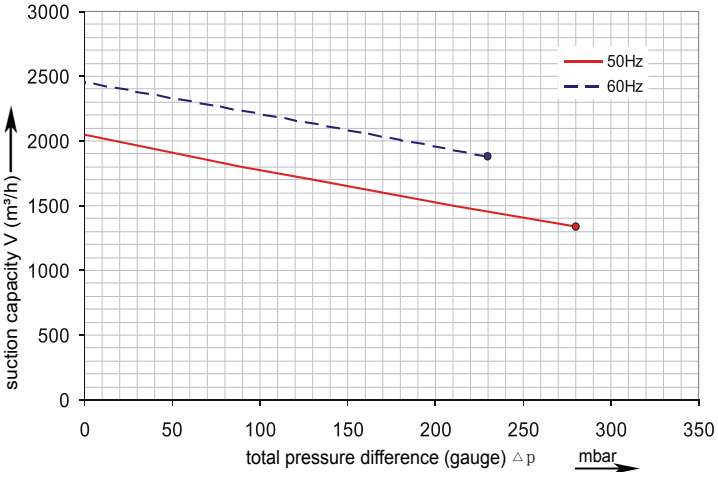


Double stage side channel vacuum pump / compressor
EVSC-D99A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-D99A3

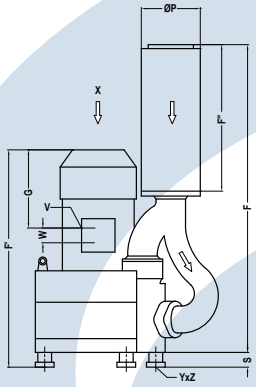
			50 Hz	60 Hz
Motor power		kW	25,0	29,0
Maximum airflow		m³/h	2050	2480
Ultimate pressure		mbar	+280	+230
Ultimate vacuum		mbar	-310	-270
Input voltage 3 phase Δ		V	345-415	380-480
Input voltage 3 phase Y		V	600-720	660-720
Input current Δ		A	52,0	52,0
Input current Y		A	30,0	30,0
Noise level		dB(A)	75	84
Weight		kg	235	235
Connection	inlet	G(BSP)	4”	4”
	outlet	G(BSP)	4”	4”

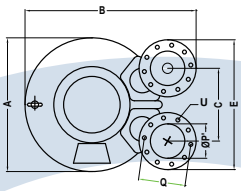
Ordering Information — TYPE EVSC-D99A3

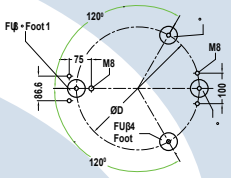
EVSC-D99A3	3ph AC	142399
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140013

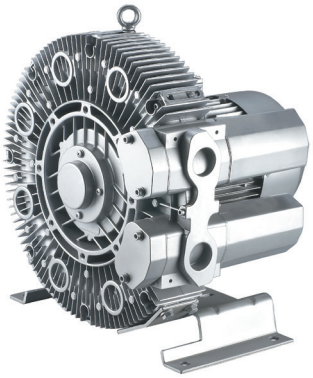






Type	Phases																	
		A	B	C	D	E	F	F'	F''	G	P	P'	Q	S	U	V	W	YxZ
EVSC-D99A3 1)	3~	615	723	307	490	526	1201	908	578	351	219	G4"	201	58	M8x40	4 x M40x1.5	54	M12x10.5

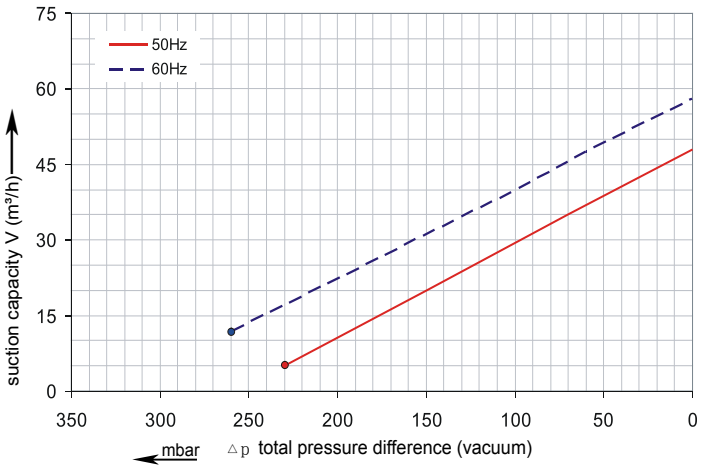
Eurovacuum



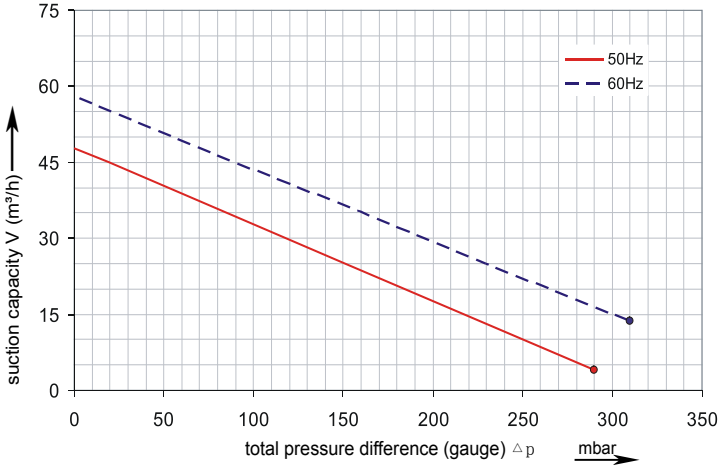
Multi stage side channel vacuum pump / compressor

EVSC-M00A1

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-M00A1

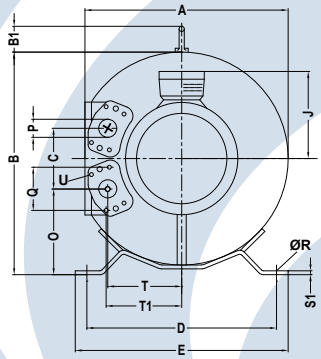
			50 Hz	60 Hz
Motor power		kW	0,55	0,63
Maximum airflow		m³/h	47	57
Ultimate pressure		mbar	+290	+310
Ultimate vacuum		mbar	-230	-260
Input voltage		V	115-230	115-230
Input current		A	13,0/6,5	14,2/7,1
Noise level		dB(A)	57	62
Weight		kg	18	18
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

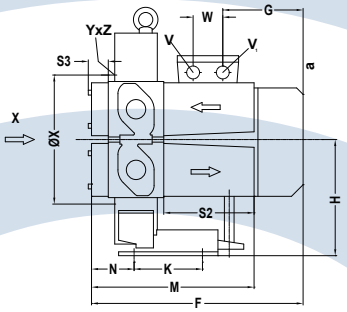
Ordering Information TYPE EVSC-M00A1

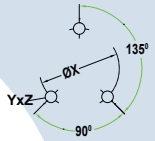
EVSC-M00A1	1ph AC	145100
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

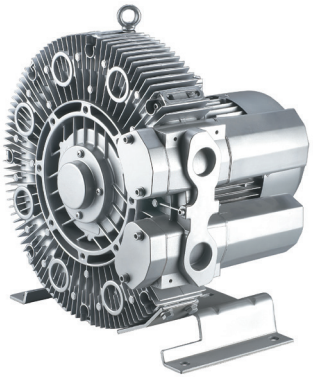






Type	Phases																											
		A	B	B1	C	D	E	F	G	H	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W	ØX	YxZ
EVSC-M00A1	1~	294	319	39	87	260	298	293	129	167	111	105	252	65	124	G 1/4 (18 deep)	64	14	4	140	31	105	107	M6x17	M25x1.5	M16x1.5	32	153	M6x15

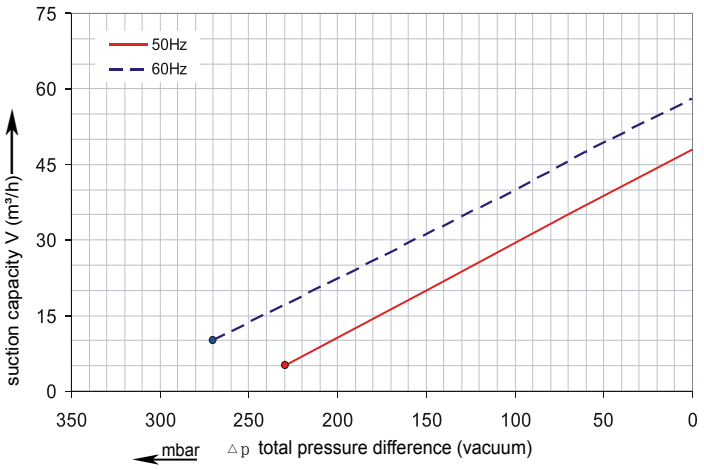
Eurovacuum



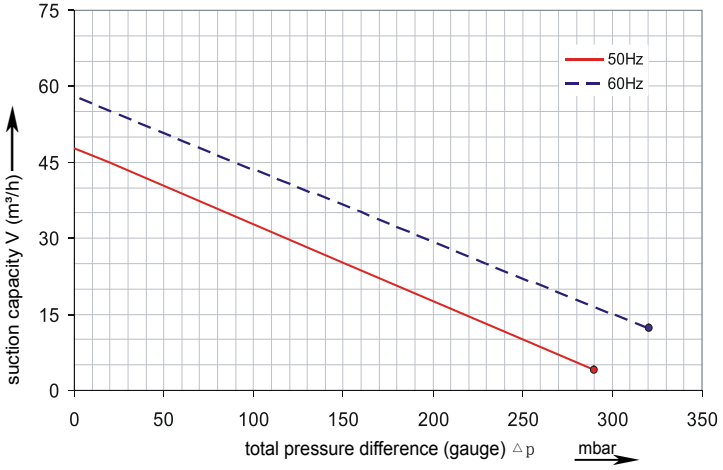
Multi stage side channel vacuum pump / compressor

EVSC-M00A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-M00A3

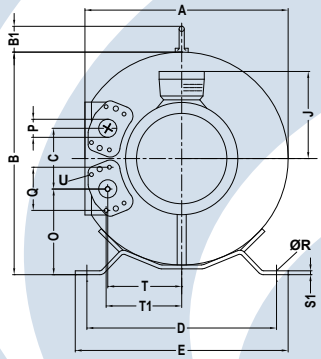
			50 Hz	60 Hz
Motor power		kW	0,55	0,63
Maximum airflow		m³/h	47	57
Ultimate pressure		mbar	+290	+320
Ultimate vacuum		mbar	-230	-270
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	2,8	3,0
Input current Y		A	1,6	1,7
Noise level		dB(A)	57	62
Weight		kg	16	16
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

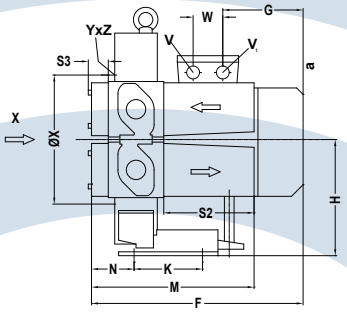
Ordering Information TYPE EVSC-M00A3

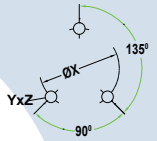
EVSC-M00A3	3ph AC	145300
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

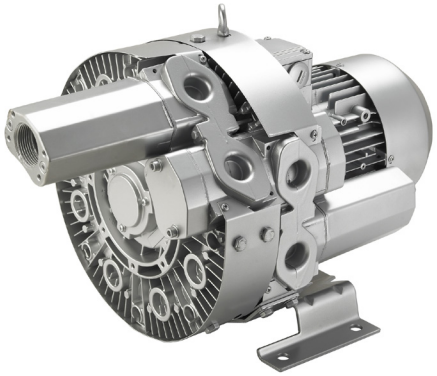






Type	Phases																												
		A	B	B1	C	D	E	F	G	H	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W	ØX	YxZ
EVSC-M00A3	1~	294	319	39	87	260	298	293	129	167	111	105	252	65	124	G1 1/4(18 deep)	64	14	4	140	31	105	107	M6x17	M25x1.5	M16x1.5	32	153	M6x15

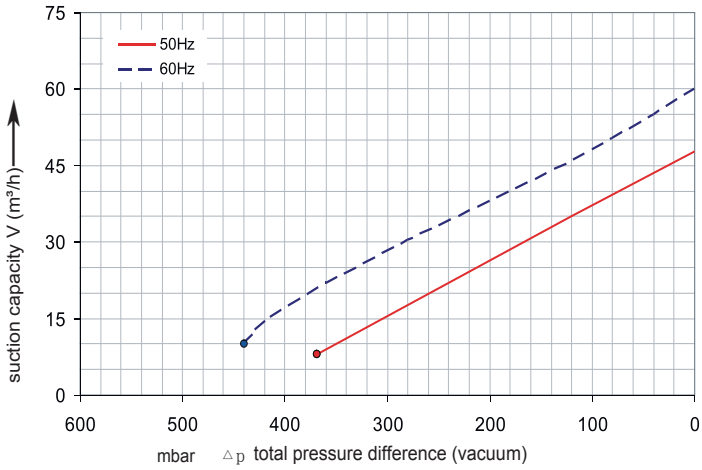
Eurovacuum



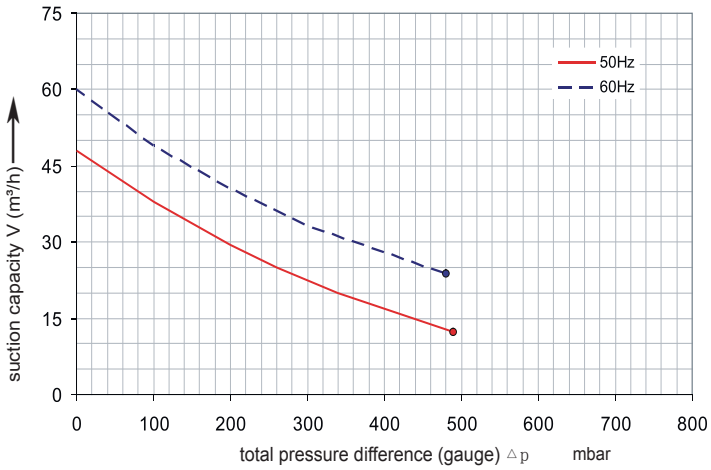
Multi stage side channel vacuum pump / compressor

EVSC-M01A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-M01A3

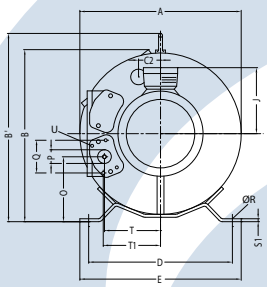
			50 Hz	60 Hz
Motor power		kW	0,81	0,94
Maximum airflow		m³/h	47	60
Ultimate pressure		mbar	+490	+480
Ultimate vacuum		mbar	-370	-440
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	4,0	4,0
Input current Y		A	2,3	2,3
Noise level		dB(A)	58	62
Weight		kg	24	24
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

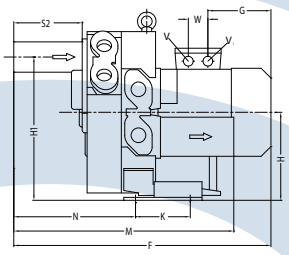
Ordering Information — TYPE EVSC-M01A3

EVSC-M01A3	3ph AC	145301
Other voltages/frequencies		Upon request

Accessories

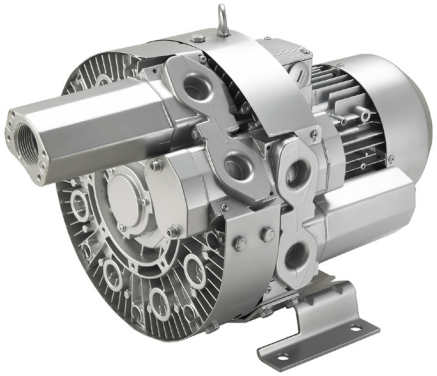
Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010





Type	Phases																										
		A	B	B'	C_2	D	E	F	G	H	H_1	J	K	M	N	O	P	Q	ØR	S_1	S_2	S_3	T	T_1	U	V	V_1	W
EVSC-M01A3	3~	313	326	359	43	260	298	469	130	167	272	111	105	426	241	123	G1 1/4 (18 deep)	64	14	4	140	31	105	107	M6x17	M25x1.5	M16x1.5	32

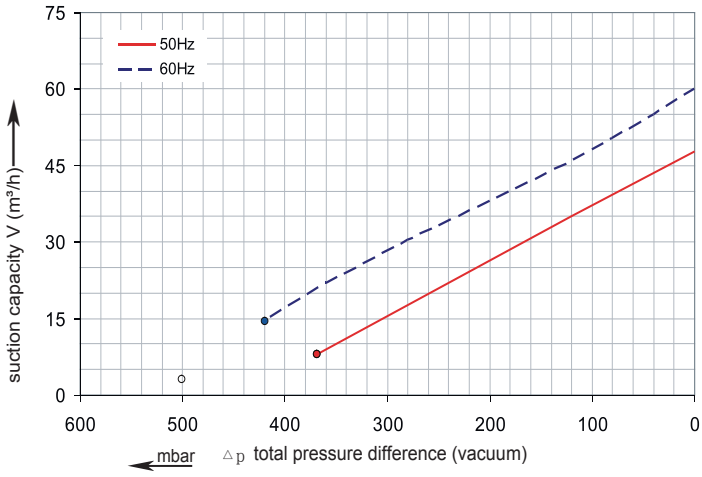
Eurovacuum



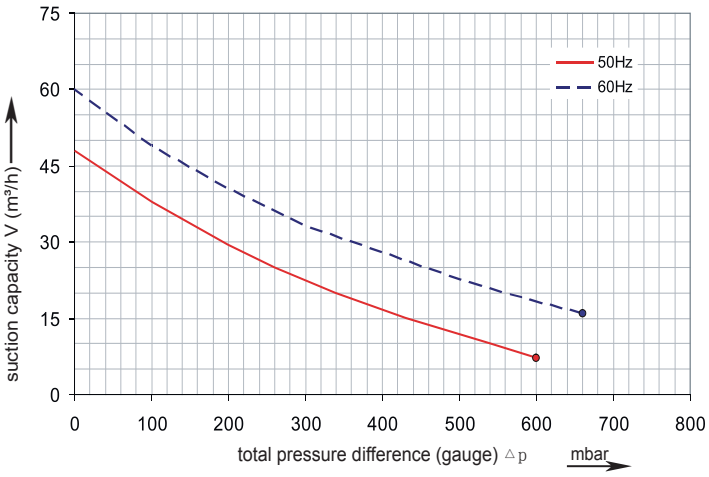
Multi stage side channel vacuum pump / compressor

EVSC-M02A1

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-M02A1

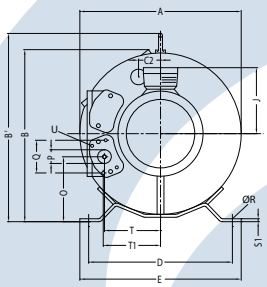
			50 Hz	60 Hz
Motor power		kW	1,5	1,75
Maximum airflow		m³/h	47	60
Ultimate pressure		mbar	+600	+660
Ultimate vacuum		mbar	-370	-420
Input voltage		V	115-230	115-230
Input current		A	19.4/9,7	20,6/10,3
Noise level		dB(A)	58	62
Weight		kg	30	30
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

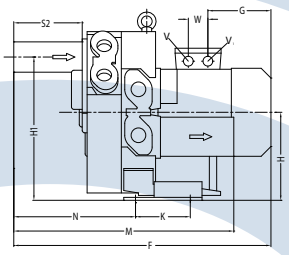
Ordering Information — TYPE EVSC-M02A1

EVSC-M02A1	1ph AC	145102
Other voltages/frequencies		Upon request

Accessories

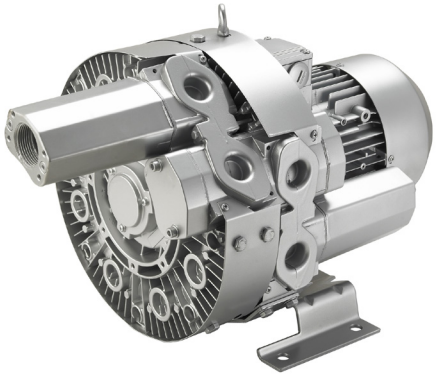
Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010





Type	Phases	A	B	B'	C2	D	E	F	G	H	H1	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W
EVSC-M02A1	1~	313	326	359	43	260	298	525	185	167	272	128	105	426	241	123	G1 1/4 (18 deep)	64	14	4	140	31	105	107	M6x17	M25x1.5	M16x1.5	32

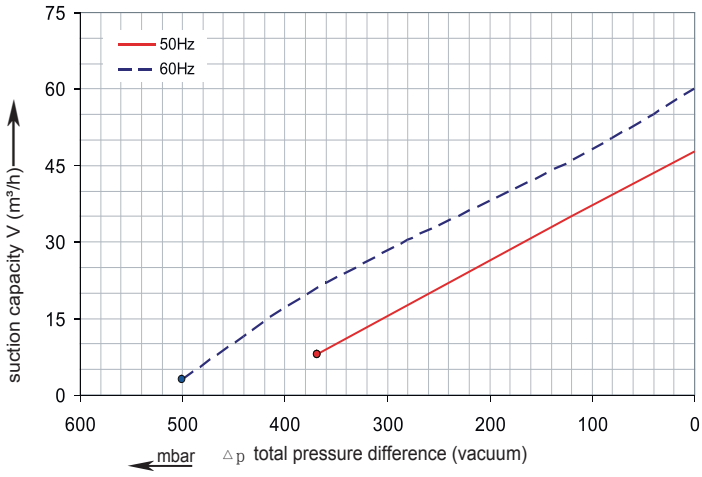
Eurovacuum



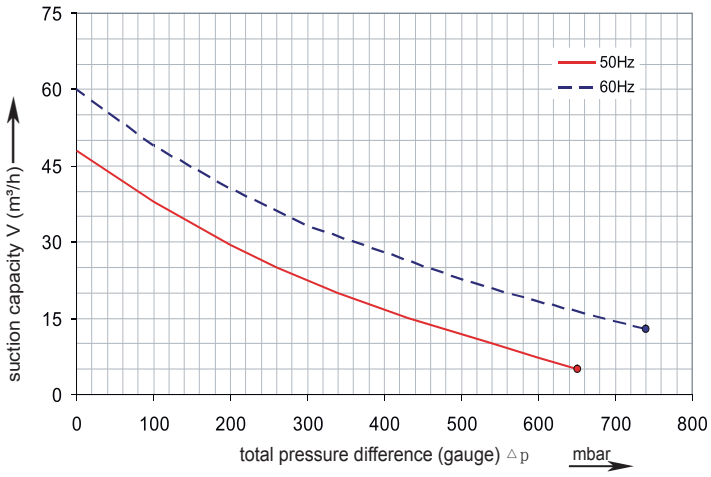
Multi stage side channel vacuum pump / compressor

EVSC-M02A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-M02A3

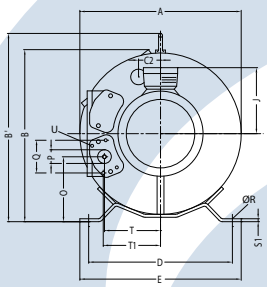
			50 Hz	60 Hz
Motor power		kW	1,5	1,75
Maximum airflow		m³/h	47	60
Ultimate pressure		mbar	+650	+740
Ultimate vacuum		mbar	-370	-500
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	7,5	7,6
Input current Y		A	4,3	4,4
Noise level		dB(A)	58	62
Weight		kg	28	28
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

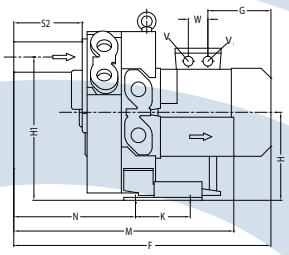
Ordering Information — TYPE EVSC-M02A3

EVSC-M02A3	3ph AC	145302
Other voltages/frequencies		Upon request

Accessories

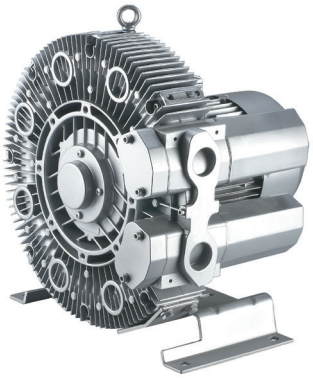
Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010





Type	Phases	A	B	B'	C2	D	E	F	G	H	H1	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W
EVSC-M02A3	3~	313	326	359	43	260	298	525	185	167	272	128	105	426	241	123	G1 1/4 (18 deep)	64	14	4	140	31	105	107	M6x17	M25x1.5	M16x1.5	32

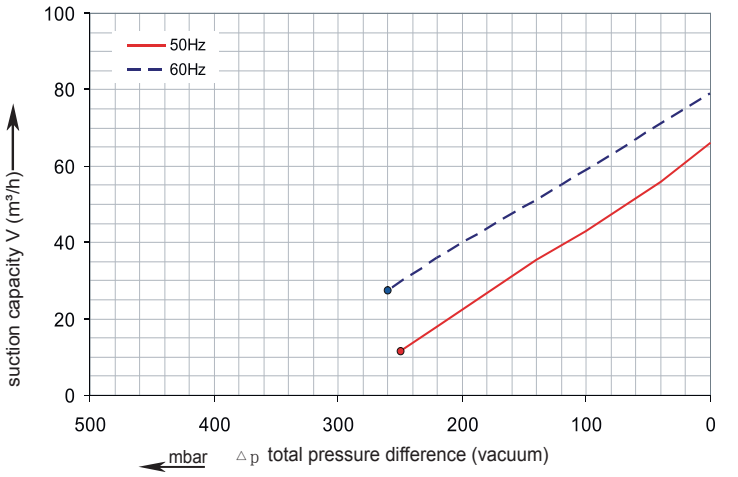
Eurovacuum



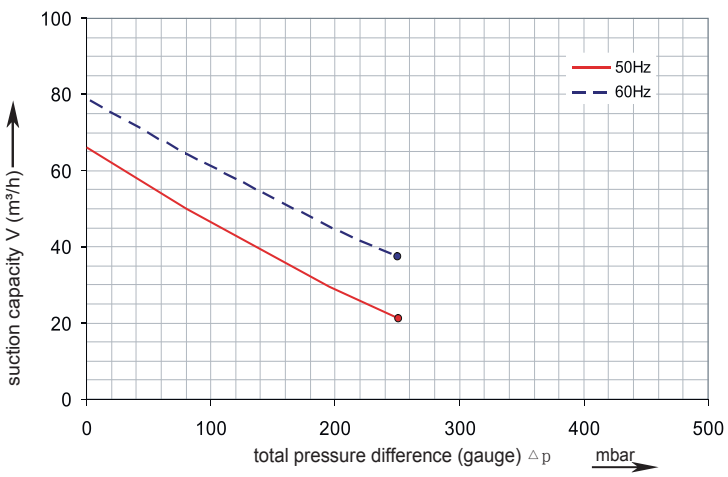
Multi stage side channel vacuum pump / compressor

EVSC-M10A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-M10A3

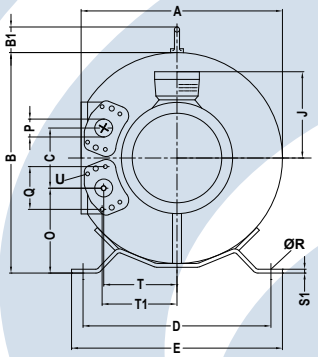
			50 Hz	60 Hz
Motor power		kW	0,55	0,63
Maximum airflow		m³/h	66	80
Ultimate pressure		mbar	+250	+250
Ultimate vacuum		mbar	-250	-260
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	2,8	3,0
Input current Y		A	1,6	1,7
Noise level		dB(A)	57	62
Weight		kg	16	16
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

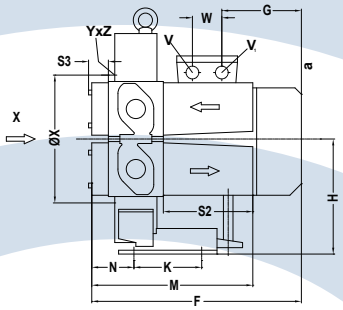
Ordering Information TYPE EVSC-M10A3

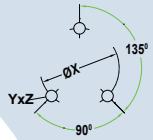
EVSC-M10A3	3ph AC	145310
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

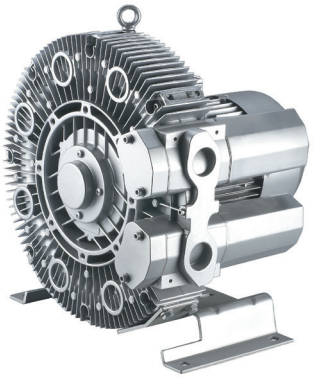






Type	Phases	A	B	B1	C	D	E	F	G	H	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W	ØX	YxZ
EVSC-M10A3	3~	313	339	39	94	290	325	295	153	177	120	105	256	67	130	G1 1/4(18 deep)	64	14	4	140	31	114	116	M6x17	M25x1.5	M16x1.5	32	153	M6x15

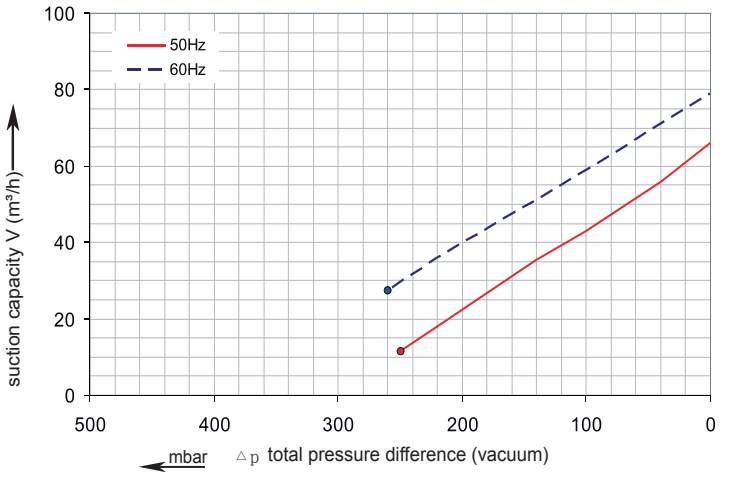
Eurovacuum



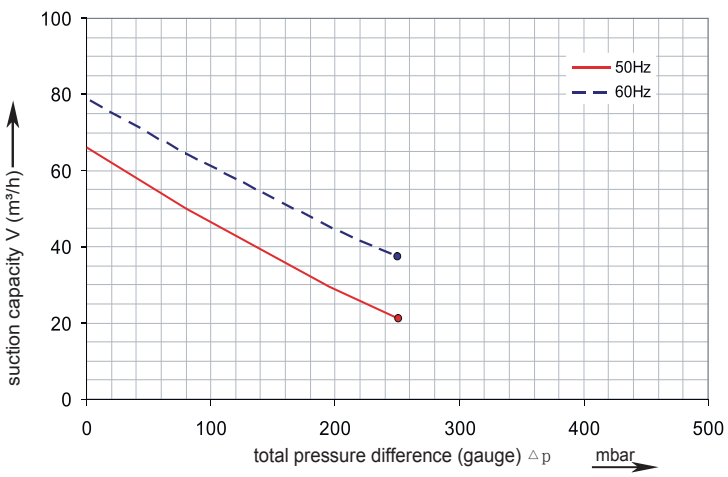
Multi stage side channel vacuum pump / compressor

EVSC-M11A1

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-M11A1

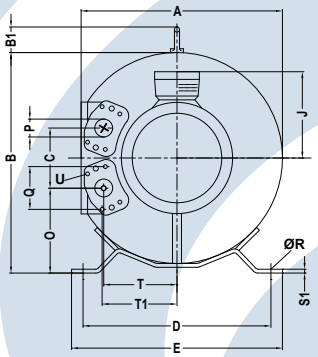
			50 Hz	60 Hz
Motor power		kW	0,94	1,1
Maximum airflow		m³/h	66	80
Ultimate pressure		mbar	+350	+390
Ultimate vacuum		mbar	-250	-280
Input voltage		V	155/230	115/230
Input current		A	18,0/9,0	18,0/9,0
Noise level		dB(A)	57	62
Weight		kg	18	18
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

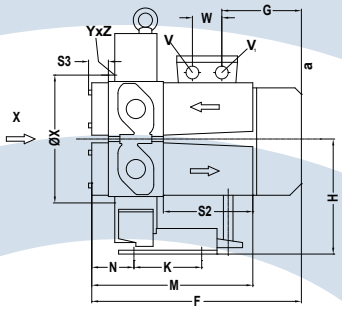
Ordering Information TYPE EVSC-M11A1

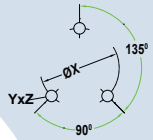
EVSC-M11A1	1ph AC	145111
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

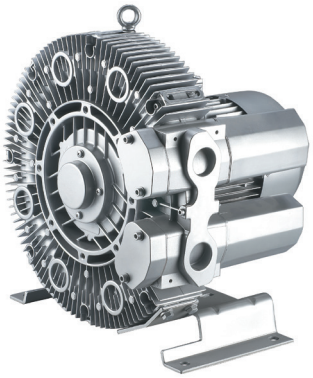






Type	Phases																										
		A	B	B1	C	D	E	F	G	H	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W	ØX	YxZ
EVSC-M11A1	1~	313	339	39	94	290	325	295	153	177	120	105	256	67	130	G1¼(18 deep)	64	14	4	140	31	114	116	M6x17	M25x1.5	M16x1.5	32	153	M6x15

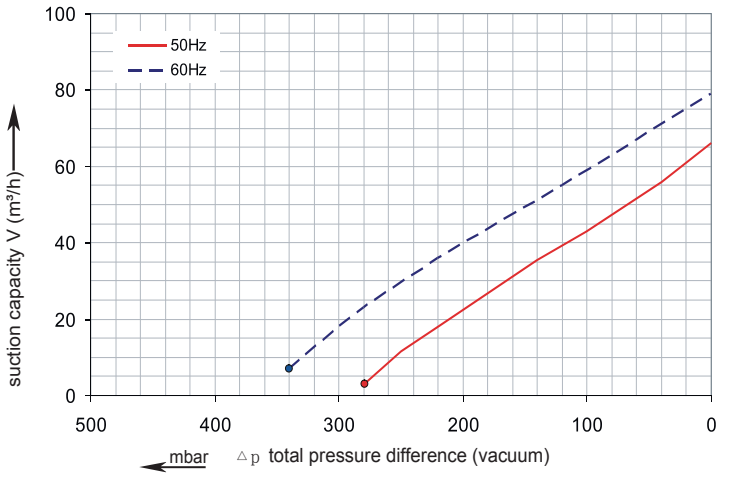
Eurovacuum



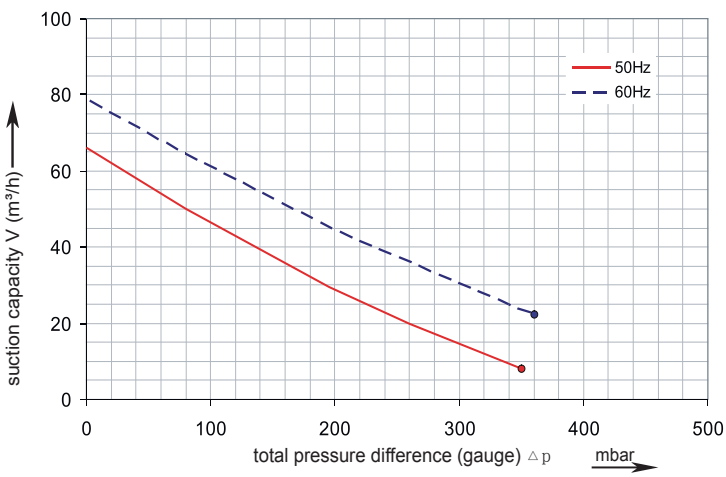
Multi stage side channel vacuum pump / compressor

EVSC-M11A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-M11A3

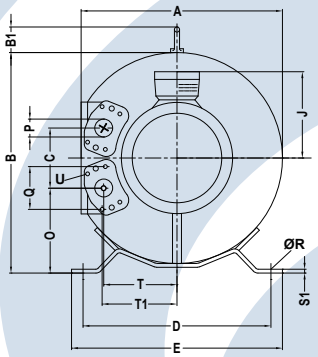
			50 Hz	60 Hz
Motor power		kW	0,81	0,94
Maximum airflow		m³/h	66	80
Ultimate pressure		mbar	+350	+360
Ultimate vacuum		mbar	-280	-340
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	4,0	4,0
Input current Y		A	2,3	2,3
Noise level		dB(A)	57	62
Weight		kg	17	17
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

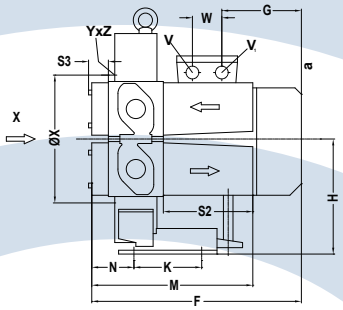
Ordering Information — TYPE EVSC-M11A3

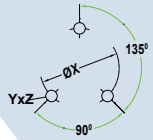
EVSC-M11A3	3ph AC	145311
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010







Type	Phases	A	B	B1	C	D	E	F	G	H	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W	ØX	YxZ
EVSC-M11A3	3~	313	339	39	94	290	325	295	153	177	120	105	256	67	130	G1 1/4(18 deep)	64	14	4	140	31	114	116	M6x17	M25x1.5	M16x1.5	32	153	M6x15

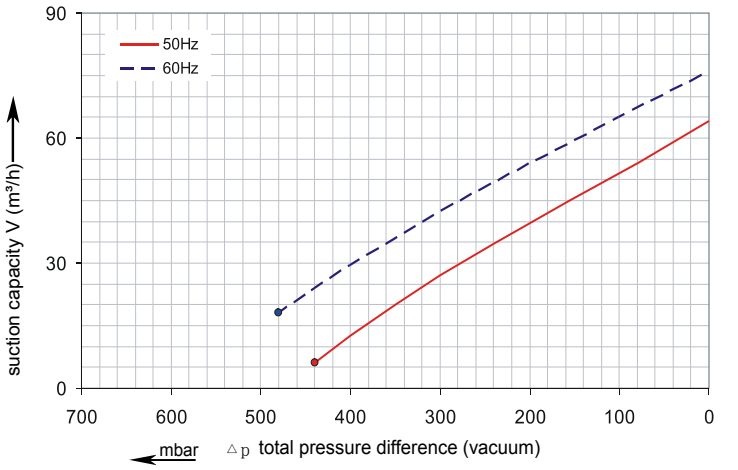
Eurovacuum



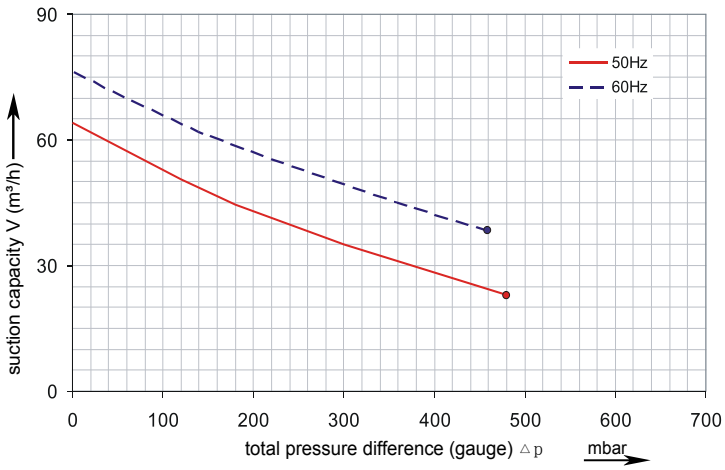
Multi stage side channel vacuum pump / compressor

EVSC-M12A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-M12A3

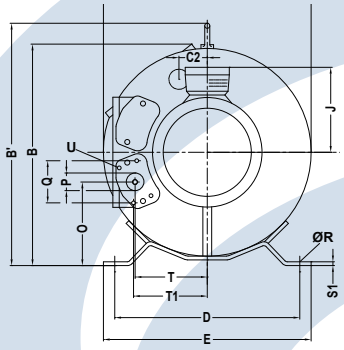
			50 Hz	60 Hz
Motor power		kW	1,1	1,3
Maximum airflow		m³/h	65	76
Ultimate pressure		mbar	+480	+460
Ultimate vacuum		mbar	-400	-480
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	5,4	5,4
Input current Y		A	3,1	3,1
Noise level		dB(A)	59	63
Weight		kg	29	29
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

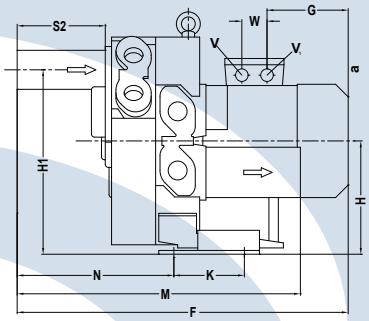
Ordering Information — TYPE EVSC-M12A3

EVSC-M12A3	3ph AC	145312
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010





Type	Phases																										
		A	B	B'	C_2	D	E	F	G	H	H	J	K	M	N	0	P	Q	ØR	S_1	S_2	S_3	T	T_1	U	V	V_1	W
EVSC-M12A3	3~	331	345	380	47	290	325	390	153	177	291	120	105	431	243	130	$G1_{1/4}$ (18 deep)	64	14	4	140	31	114	116	M6x17	M25x1.5	M16x1.5	32

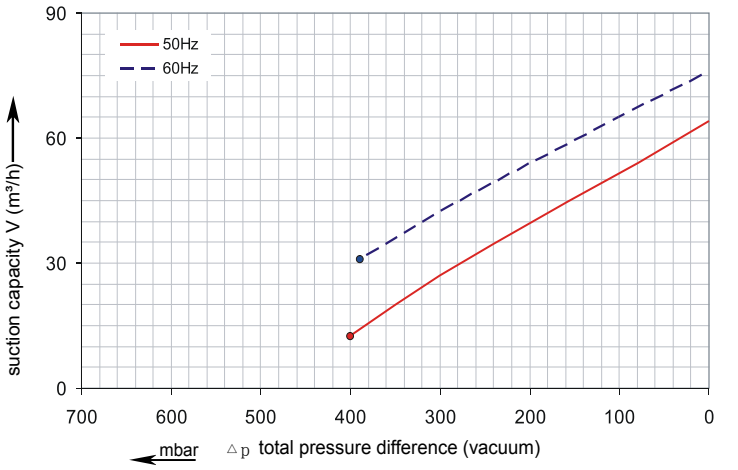
Eurovacuum



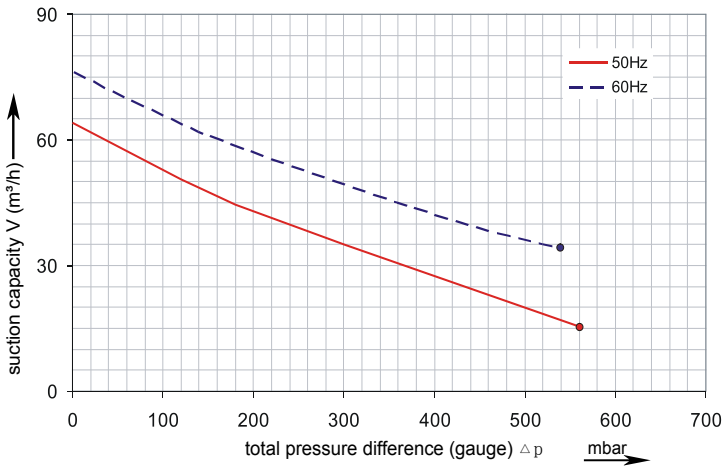
Multi stage side channel vacuum pump / compressor

EVSC-M13A1

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-M13A1

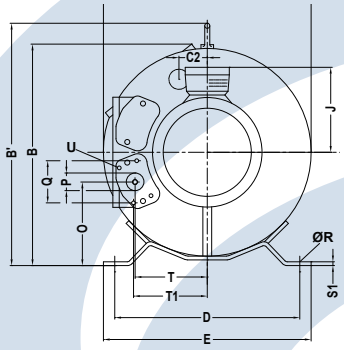
			50 Hz	60 Hz
Motor power		kW	1,5	1,75
Maximum airflow		m³/h	65	76
Ultimate pressure		mbar	+550	+540
Ultimate vacuum		mbar	-400	-390
Input voltage		V	115/230	115/230
Input current		A	19,4/9,7	20,6/10,3
Noise level		dB(A)	59	63
Weight		kg	32	32
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

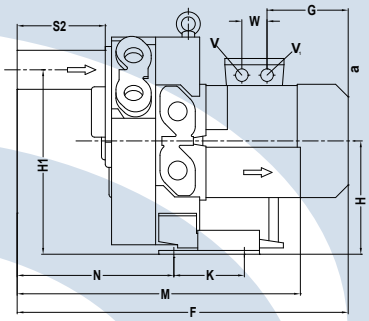
Ordering Information — TYPE EVSC-M13A1

EVSC-M13A1	1ph AC	145113
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010





Type	Phases																										
		A	B	B'	C_2	D	E	F	G	H	H	J	K	M	N	0	P	Q	ØR	S_1	S_2	S_3	T	T_1	U	V	V_1	W
EVSC-M13A1	1~	331	345	380	47	290	325	421	185	177	291	128	105	431	243	130	$G1_{1/4}$ (18 deep)	64	14	4	140	31	114	116	M6x17	M25x1.5	M16x1.5	32

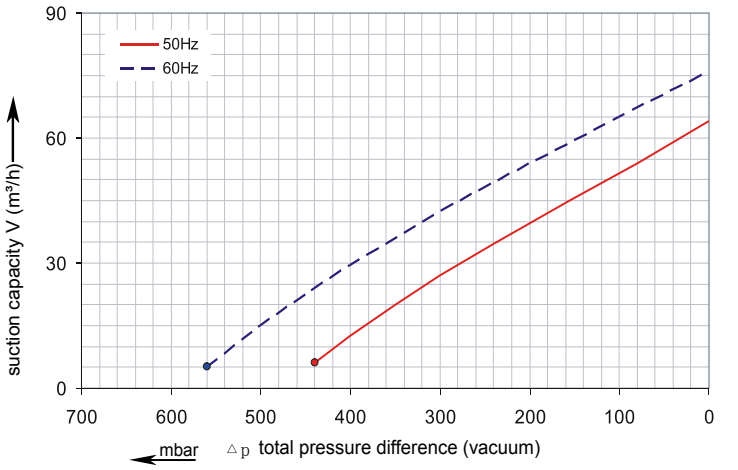
Eurovacuum



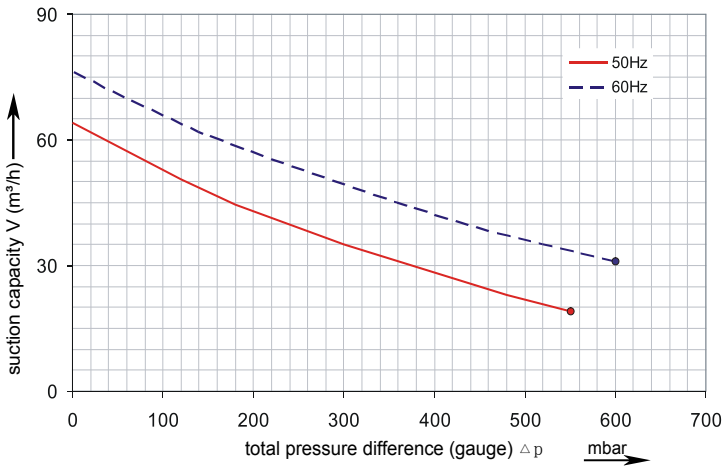
Multi stage side channel vacuum pump / compressor

EVSC-M13A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-M13A3

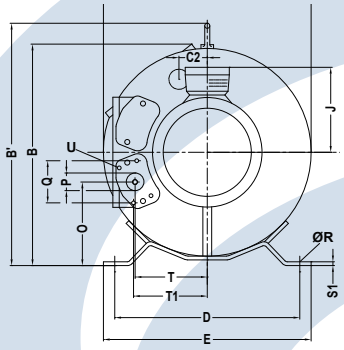
			50 Hz	60 Hz
Motor power		kW	1,5	1,75
Maximum airflow		m³/h	65	76
Ultimate pressure		mbar	+540	+600
Ultimate vacuum		mbar	-440	-560
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	7,5	7,6
Input current Y		A	4,3	4,4
Noise level		dB(A)	59	63
Weight		kg	30	30
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

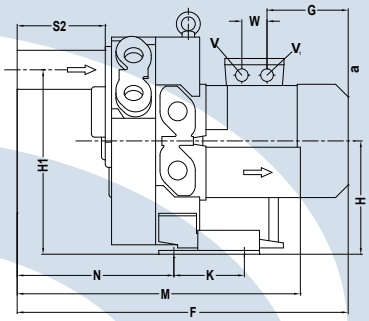
Ordering Information — TYPE EVSC-M13A3

EVSC-M13A3	3ph AC	145313
Other voltages/frequencies		Upon request

Accessories

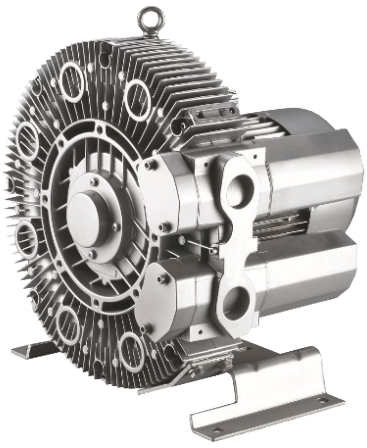
Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010





Type	Phases																										
		A	B	B'	C_2	D	E	F	G	H	H_1	J	K	M	N	O	P	Q	ØR	S_1	S_2	S_3	T	T_1	U	V	V_1	W
EVSC-M13A3	3~	331	345	380	47	290	325	421	185	177	291	128	105	431	243	130	G1 1/4 (18 deep)	64	14	4	140	31	114	116	M6x17	M25x1.5	M16x1.5	32

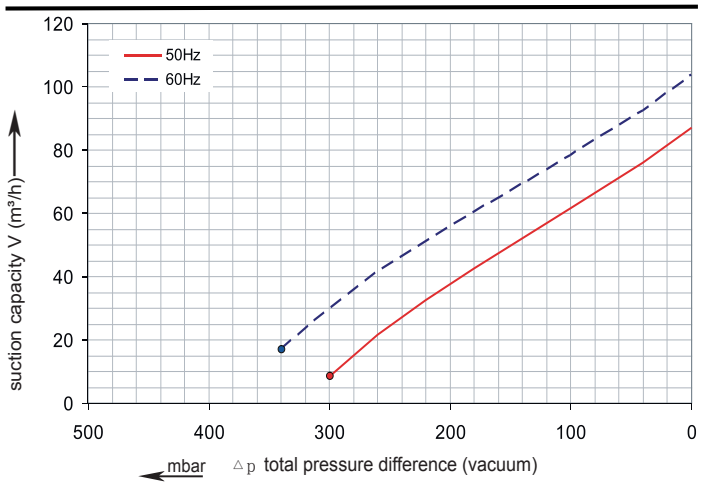
Eurovacuum



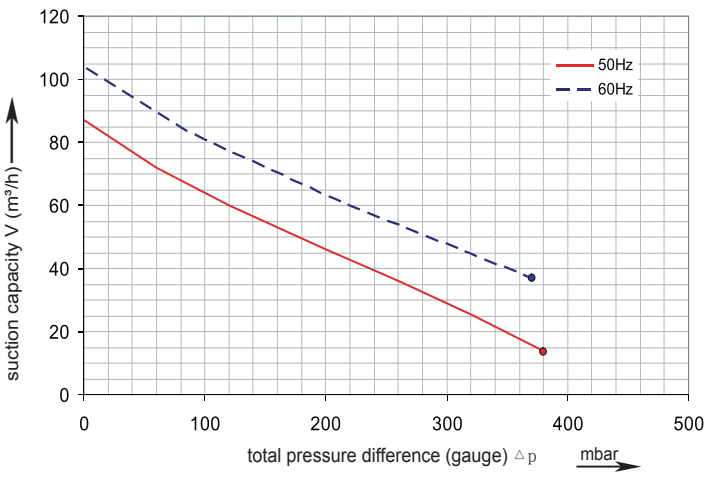
Multi stage side channel vacuum pump / compressor

EVSC-M20A1

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-M20A1

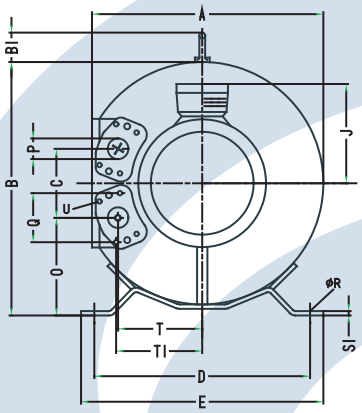
			50 Hz	60 Hz
Motor power		kW	1,1	1,3
Maximum airflow		m³/h	87	105
Ultimate pressure		mbar	+380	+390
Ultimate vacuum		mbar	-300	-350
Input voltage		V	200-240	200-240
Input current		A	10,1	10,3
Noise level		dB(A)	55	62
Weight		kg	23	23
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

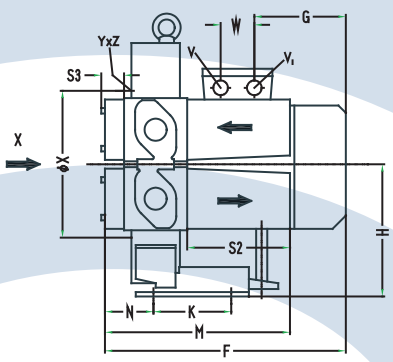
Ordering Information — TYPE EVSC-M20A1

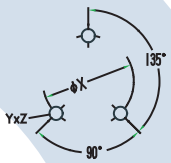
EVSC-M20A1	50/60 Hz	145120
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

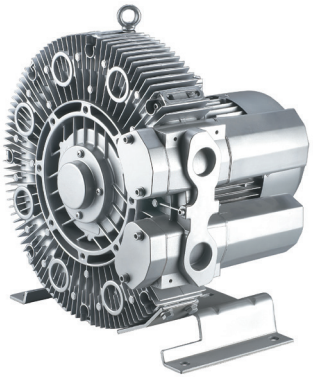






Type	Phases	A	B	B1	C	D	E	F	G	H	J	K	M	N	O	P	Q	øR	S1	S2	S3	T	T1	U	V	V1	W	øX	YxZ
EVSC-M20A3	3~	346	375	38	103	315	350	321	153	195	120	130	260	66	143	G1¼(18 deep)	64	14	4	140	31	125	127	M6x17	M25x1,5	M16x1,5	32	167	M6x15

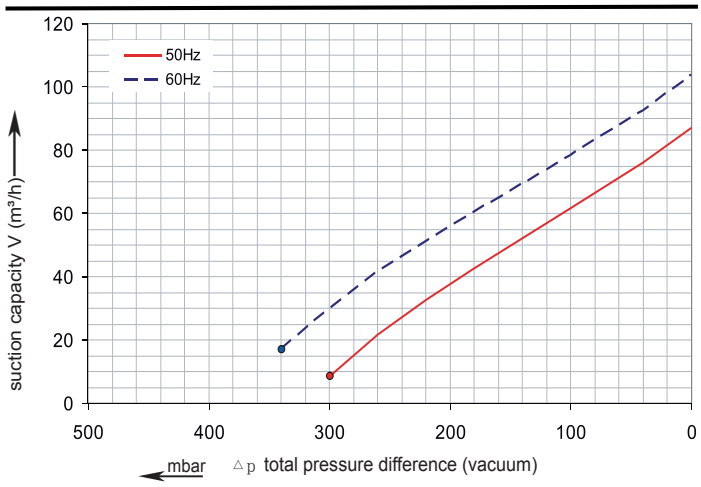
Eurovacuum



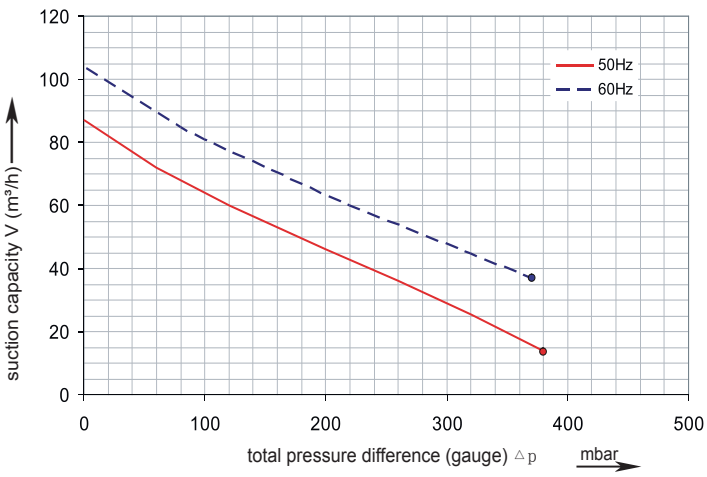
Multi stage side channel vacuum pump / compressor

EVSC-M20A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-M20A3

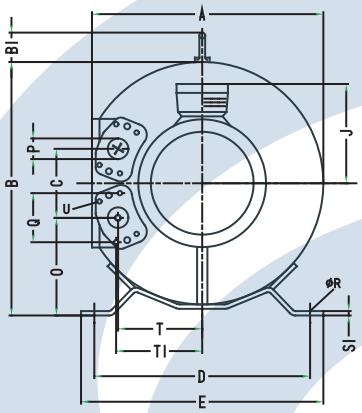
			50 Hz	60 Hz
Motor power		kW	1,1	1,3
Maximum airflow		m³/h	87	105
Ultimate pressure		mbar	+380	+370
Ultimate vacuum		mbar	-300	-340
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	5,4	5,4
Input current Y		A	3,1	3,1
Noise level		dB(A)	58	62
Weight		kg	23	23
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

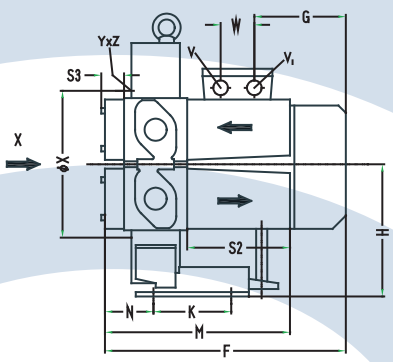
Ordering Information — TYPE EVSC-M20A3

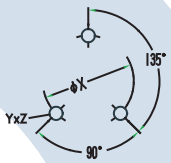
EVSC-M20A3	3ph AC	145320
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

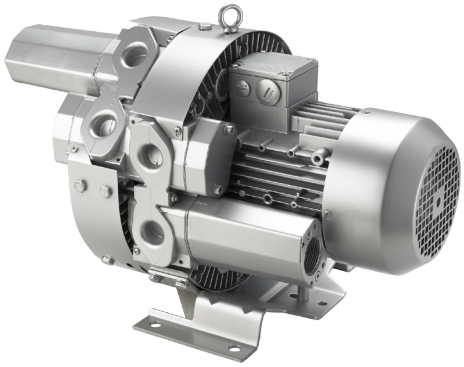






Type	Phases	A	B	B1	C	D	E	F	G	H	J	K	M	N	O	P	Q	øR	S1	S2	S3	T	T1	U	V	V1	W	øX	YxZ
EVSC-M20A3	3~	346	375	38	103	315	350	321	153	195	120	130	260	66	143	G1¼(18 deep)	64	14	4	140	31	125	127	M6x17	M25x1,5	M16x1,5	32	167	M6x15

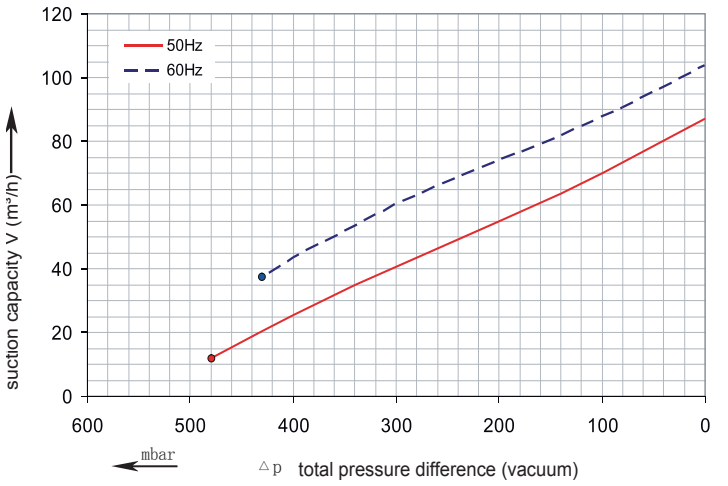
Eurovacuum



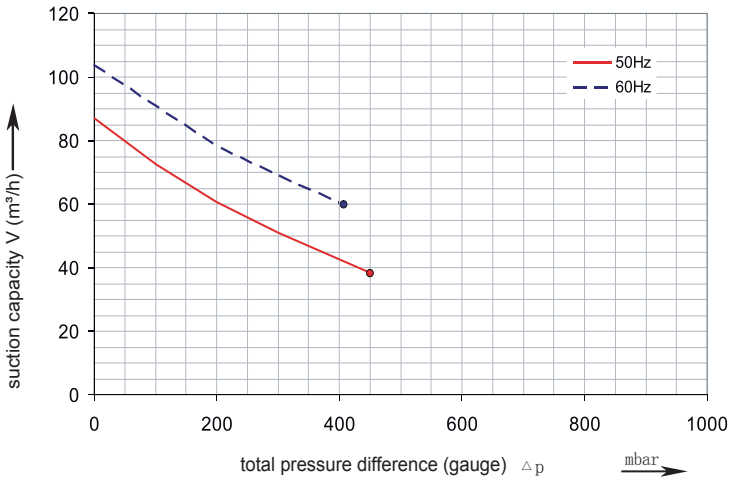
Multi stage side channel vacuum pump / compressor

EVSC-M21A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-M21A3

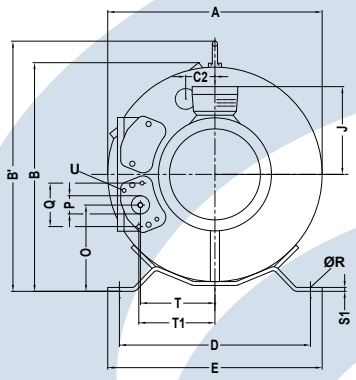
			50 Hz	60 Hz
Motor power		kW	1,5	1,75
Maximum airflow		m³/h	87	105
Ultimate pressure		mbar	+450	+410
Ultimate vacuum		mbar	-480	-430
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	7,5	7,6
Input current Y		A	4,3	4,4
Noise level		dB(A)	61	66
Weight		kg	33	33
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

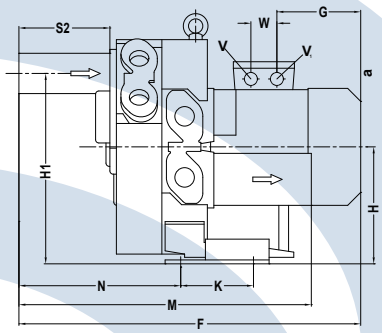
Ordering Information TYPE EVSC-M21A3

EVSC-M21A3	3ph AC	145321
Other voltages/frequencies		Upon request

Accessories

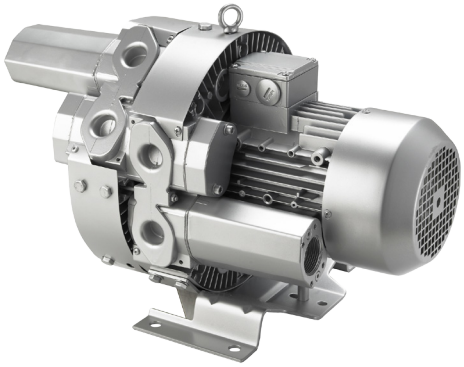
Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010





Type	Phases																										
		A	B	B'	C_2	D	E	F	G	H	H	J	K	M	N	0	P	Q	ØR	S_1	S_2	S_3	T	T_1	U	V	V_1	W
EVSC-M21A3	3~	363	377	414	52	315	350	529	180	195	319	128	130	436	243	143	$G1_{1/4}$ (18 deep)	64	14	4	140	31	125	127	M6x17	M25x1.5	M16x1.5	32

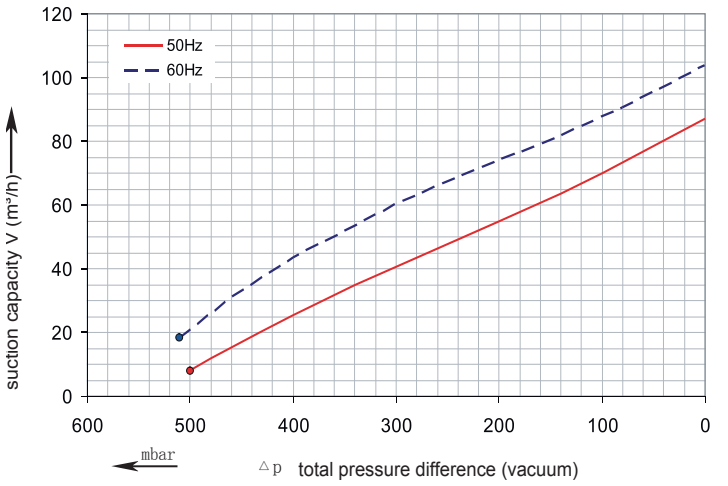
Eurovacuum



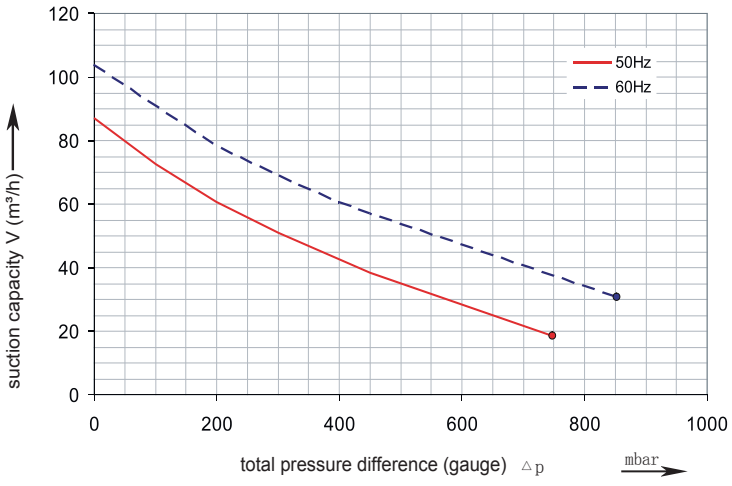
Multi stage side channel vacuum pump / compressor

EVSC-M22A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-M22A3

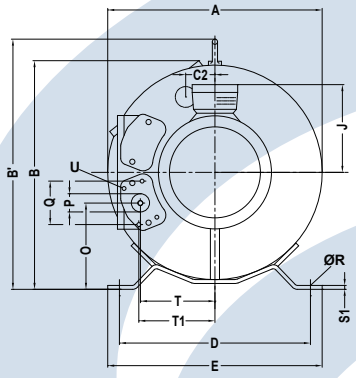
			50 Hz	60 Hz
Motor power		kW	3,3	3,8
Maximum airflow		m³/h	87	105
Ultimate pressure		mbar	+750	+850
Ultimate vacuum		mbar	-500	-510
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	13,0	13,8
Input current Y		A	7,5	8,0
Noise level		dB(A)	61	66
Weight		kg	39	39
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

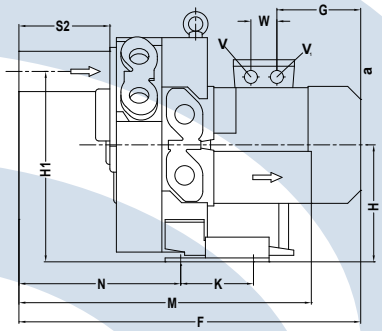
Ordering Information TYPE EVSC-M22A3

EVSC-M22A3	3ph AC	145322
Other voltages/frequencies		Upon request

Accessories

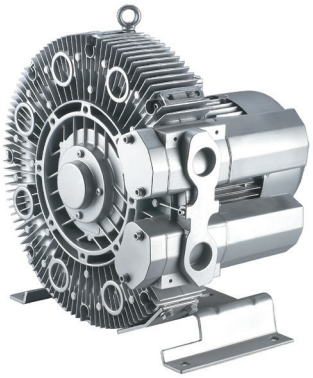
Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010





Type	Phases																										
		A	B	B'	C_2	D	E	F	G	H	H	J	K	M	N	0	P	Q	ØR	S_1	S_2	S_3	T	T_1	U	V	V_1	W
EVSC-M22A3	3~	363	377	414	52	315	350	554	211	195	319	128	130	436	243	143	$G1_{1/4}$ (18 deep)	64	14	4	140	31	125	127	M6x17	M25x1.5	M16x1.5	32

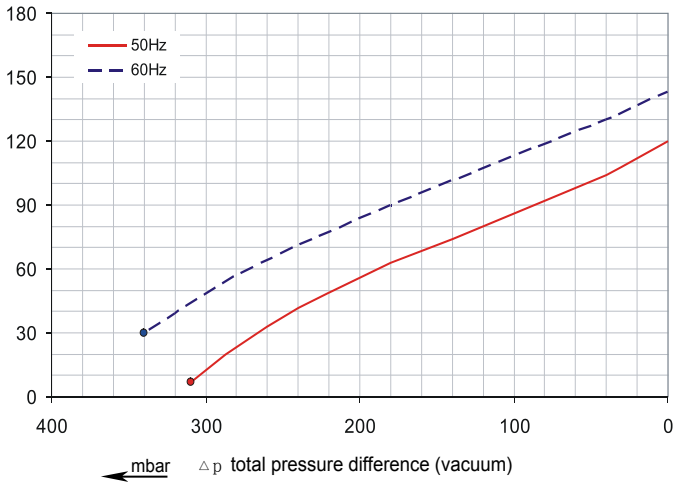
Eurovacuum



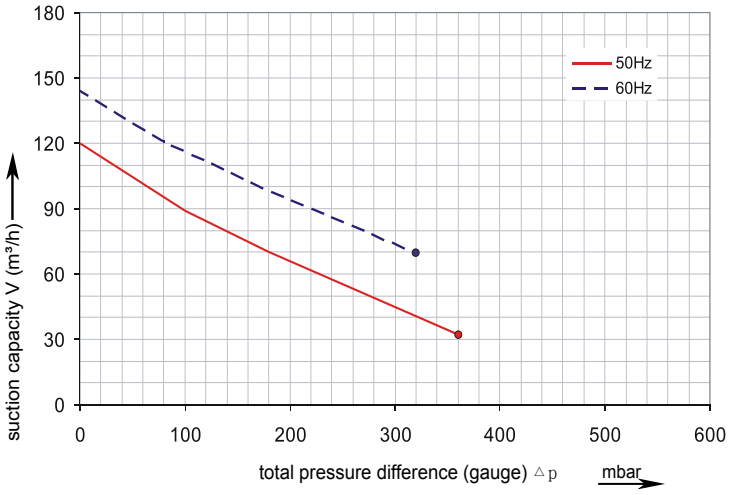
Multi stage side channel vacuum pump / compressor

EVSC-M30A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-M30A3

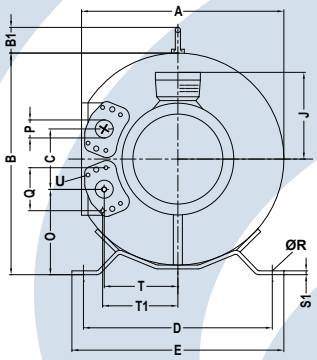
			50 Hz	60 Hz
Motor power		kW	1,5	1,75
Maximum airflow		m³/h	120	145
Ultimate pressure		mbar	+360	+320
Ultimate vacuum		mbar	-310	-340
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	7,5	7,6
Input current Y		A	4,3	4,4
Noise level		dB(A)	64	68
Weight		kg	26	26
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

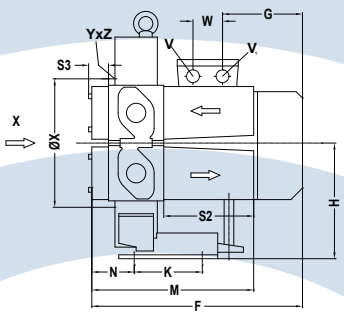
Ordering Information — TYPE EVSC-M30A3

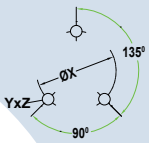
EVSC-M30A3	3ph AC	145330
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

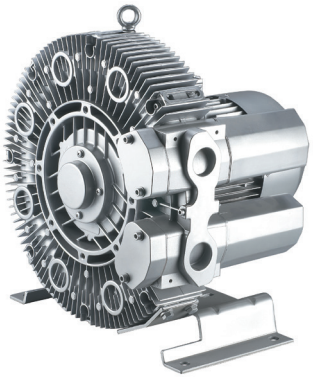






Type	Phases	A	B	B1	C	D	E	F	G	H	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W	ØX	YxZ
EVSC-M30A3	3~	368	395	39	114	328	363	361	185	205	128	152	265	68	148	G1 1/4(18 deep)	64	14	5	140	31	137	138	M6x17	M25x1.5	M16x1.5	32	192	M8x15

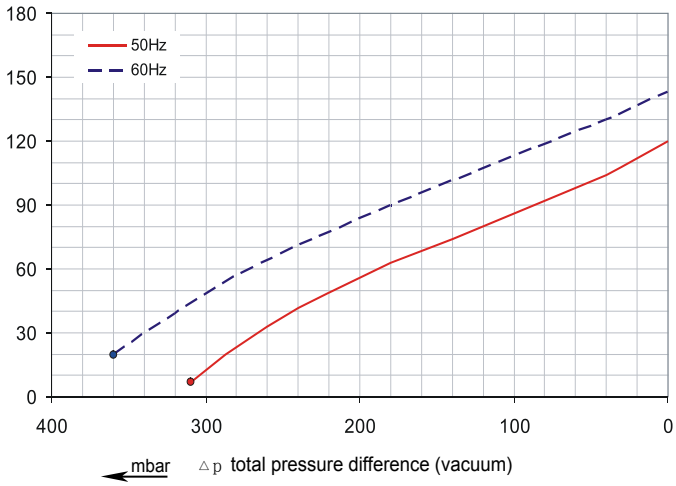
Eurovacuum



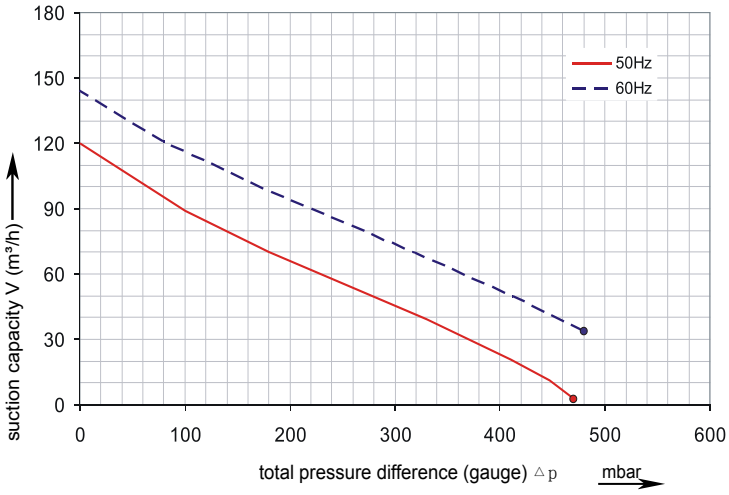
Multi stage side channel vacuum pump / compressor

EVSC-M31A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-M31A3

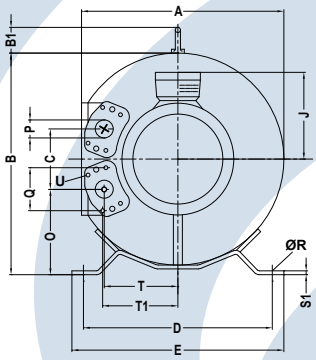
			50 Hz	60 Hz
Motor power		kW	2,2	2,55
Maximum airflow		m³/h	120	145
Ultimate pressure		mbar	+470	+480
Ultimate vacuum		mbar	-310	-360
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	11,4	11,2
Input current Y		A	6,6	6,5
Noise level		dB(A)	64	68
Weight		kg	29	29
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

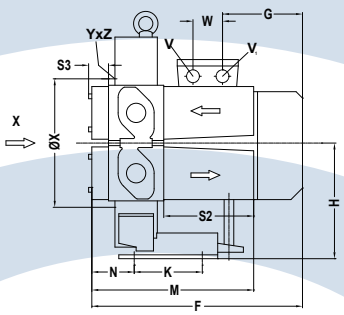
Ordering Information — TYPE EVSC-M31A3

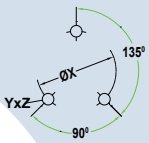
EVSC-M31A3	3ph AC	145331
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010







Type	Phases	A	B	B1	C	D	E	F	G	H	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W	ØX	YxZ
EVSC-M31A3	3~	368	395	39	114	328	363	361	185	205	128	152	265	68	148	G1 1/4(18 deep)	64	14	5	140	31	137	138	M6x17	M25x1.5	M16x1.5	32	192	M8x15

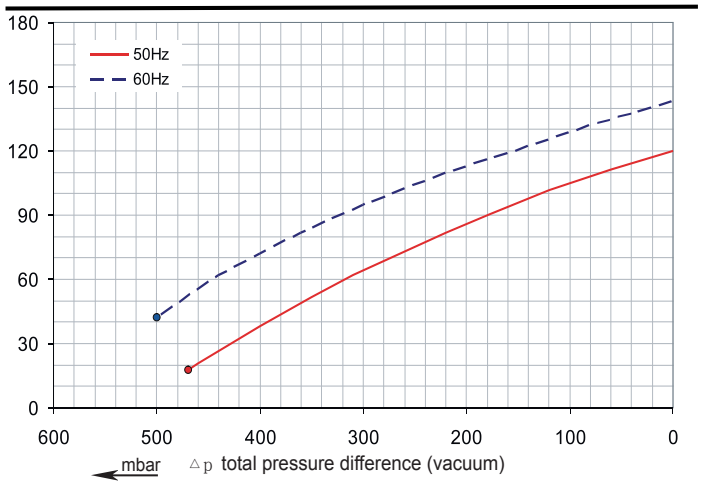
Eurovacuum



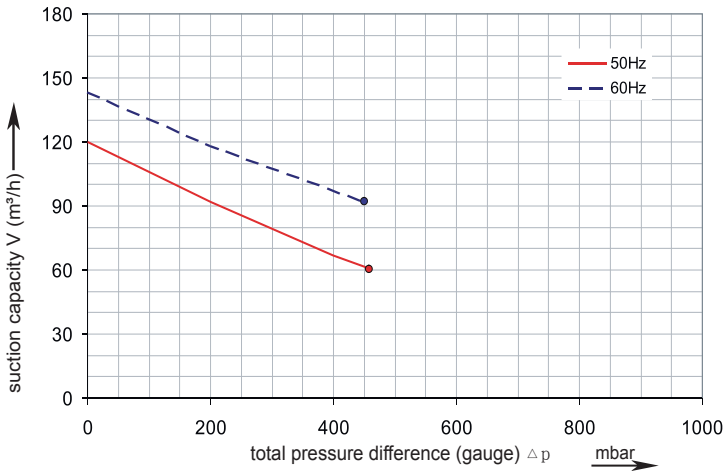
Multi stage side channel vacuum pump / compressor

EVSC-M32A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data TYPE EVSC-M32A3

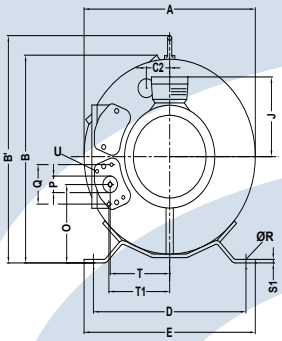
			50 Hz	60 Hz
Motor power		kW	2,2	2,55
Maximum airflow		m³/h	120	145
Ultimate pressure		mbar	+460	+450
Ultimate vacuum		mbar	-470	-500
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	11,4	11,2
Input current Y		A	6,6	6,5
Noise level		dB(A)	64	70
Weight		kg	40	40
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

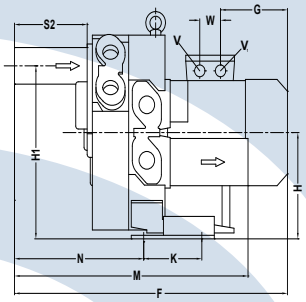
Ordering Information TYPE EVSC-M32A3

EVSC-M32A3	3ph AC	145332
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010





Type	Phases																										
		A	B	B'	C_2	D	E	F	G	H	H	J	K	M	N	0	P	Q	ØR	S_1	S_2	S_3	T	T_1	U	V	V_1	W
EVSC-M32A3	3~	387	402	435	57	328	363	549	185	206	343	128	152	453	256	148	$G1_{1/4}$ (18 deep)	64	14	5	140	31	137	138	M6x17	M25x1.5	M16x1.5	42

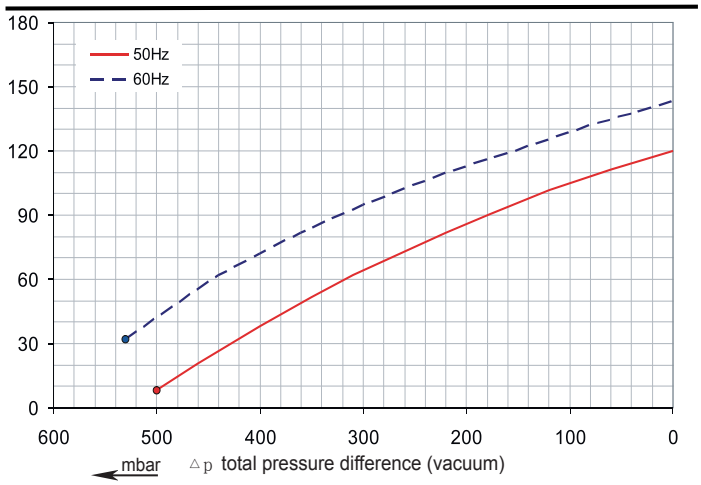
Eurovacuum



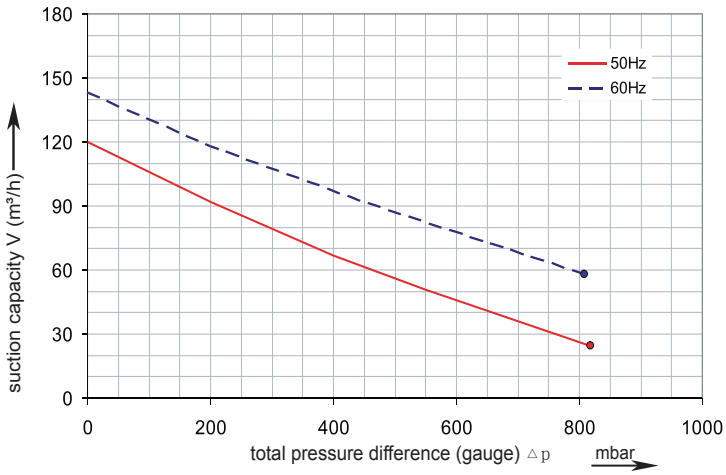
Multi stage side channel vacuum pump / compressor

EVSC-M33A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-M33A3

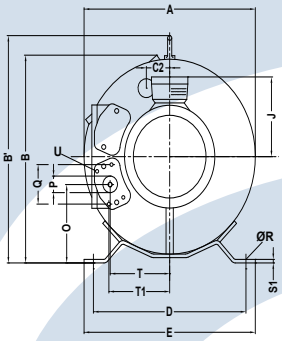
			50 Hz	60 Hz
Motor power		kW	4,0	4,6
Maximum airflow		m³/h	120	145
Ultimate pressure		mbar	+470	+480
Ultimate vacuum		mbar	-310	-360
Input voltage 3 phase Δ		V	345-415	380-480
Input voltage 3 phase Y		V	n/a	n/a
Input current Δ		A	9,0	9,5
Input current Y		A	n/a	n/a
Noise level		dB(A)	65	71
Weight		kg	51	51
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

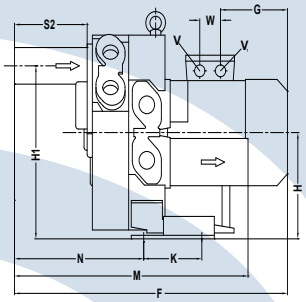
Ordering Information — TYPE EVSC-M33A3

EVSC-M33A3	3ph AC	145333
Other voltages/frequencies		Upon request

Accessories

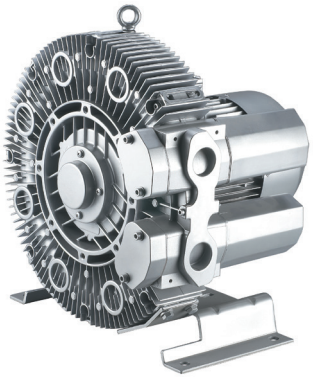
Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010





Type	Phases																										
		A	B	B'	C_2	D	E	F	G	H	H	J	K	M	N	0	P	Q	ØR	S_1	S_2	S_3	T	T_1	U	V	V_1	W
EVSC-M33A3	3~	387	402	435	57	328	363	603	185	206	343	128	152	453	256	148	$G1_{1/4}$ (18 deep)	64	14	5	140	31	137	138	M6x17	2xM32x1.5	M16x1.5	32

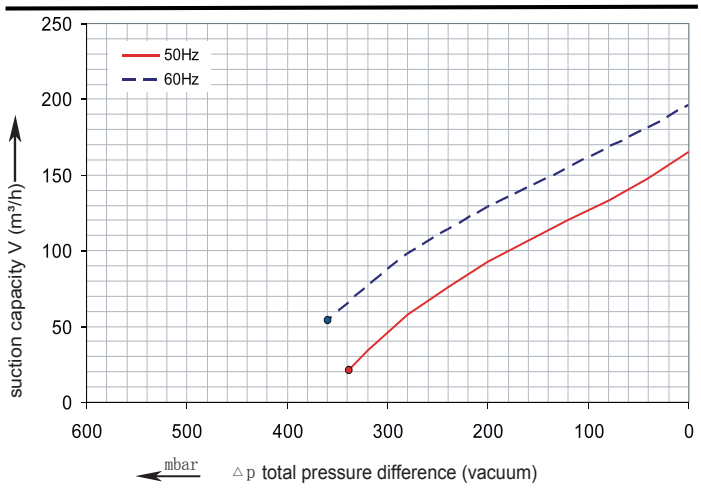
Eurovacuum



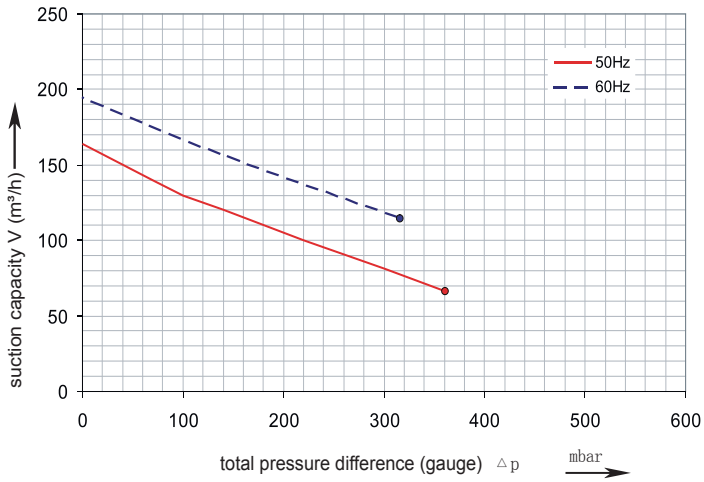
Multi stage side channel vacuum pump / compressor

EVSC-M40A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-M40A3

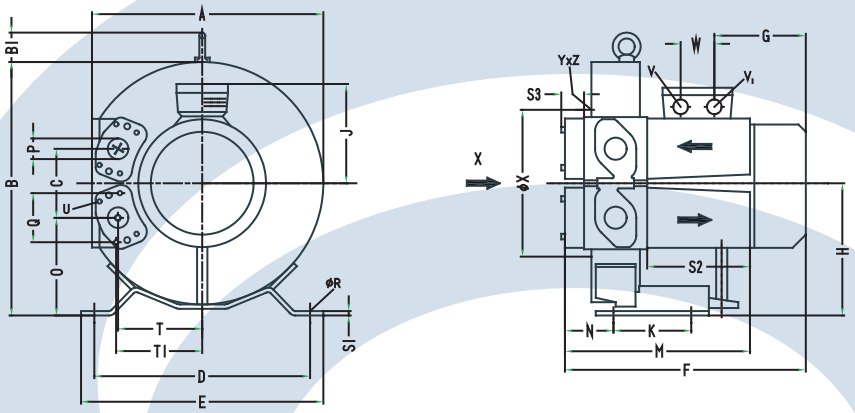
			50 Hz	60 Hz
Motor power		kW	2,2	2,55
Maximum airflow		m³/h	165	195
Ultimate pressure		mbar	+360	+315
Ultimate vacuum		mbar	-340	-360
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	11,4	11,2
Input current Y		A	6,6	6,5
Noise level		dB(A)	65	71
Weight		kg	32	32
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

Ordering Information — TYPE EVSC-M40A3

EVSC-M40A3	3ph AC	145340
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

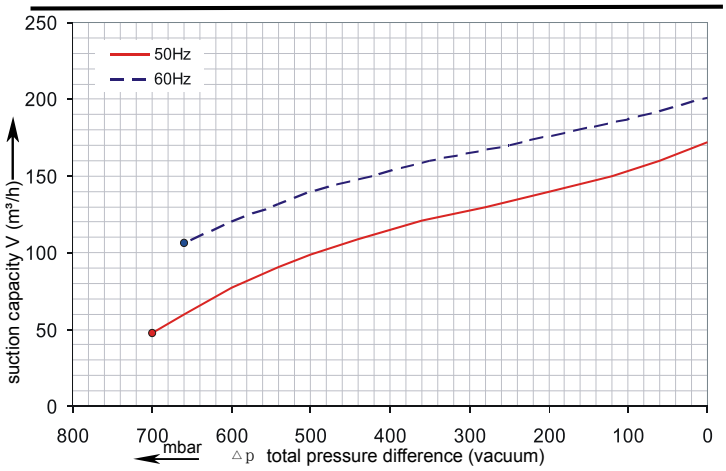


Type	Phases	A	B	B1	C	D	E	F	G	H	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W	ØX	YxZ
EVSC-M40A3	3~	418	455	39	127	371	406	364	185	235	128	152	271	72	172	G1¼(18 deep)	64	14	5	140	31	153	155	M6x17	M25x1,5	M16x1,5	32	228	M6x15

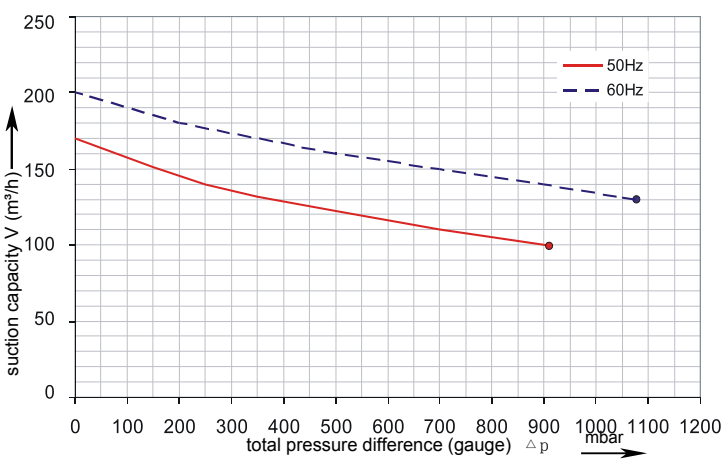
Eurovacuum

Multi stage side channel vacuum pump / compressor
EVSC-M41A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-M41A3

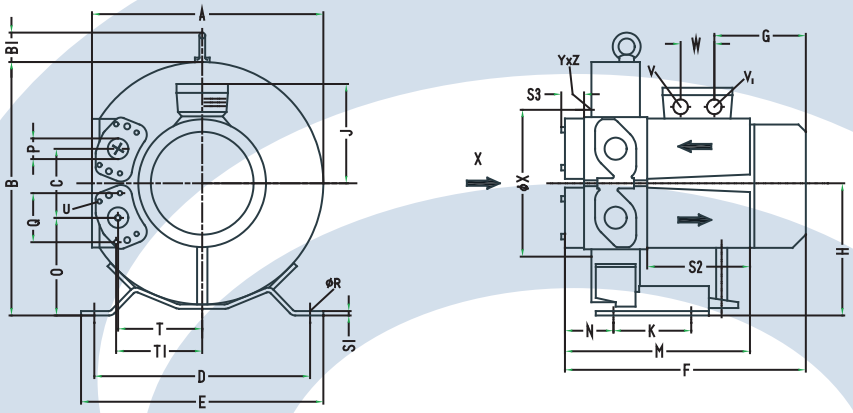
			50 Hz	60 Hz
Motor power		kW	3,3	3,8
Maximum airflow		m³/h	165	195
Ultimate pressure		mbar	+480	+530
Ultimate vacuum		mbar	-340	-380
Input voltage 3 phase Δ		V	345-415	345-415
Input voltage 3 phase Y		V	380-480	380-480
Input current Δ		A	13,0	14,2
Input current Y		A	7,5	8,2
Noise level		dB(A)	65	71
Weight		kg	35	35
Connection	inlet	G(BSP)	1¼”	1¼”
	outlet	G(BSP)	1¼”	1¼”

Ordering Information — TYPE EVSC-M41A3

EVSC-M41A3	3ph AC	145341
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010



Type	Phases	A	B	B1	C	D	E	F	G	H	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W	ØX	YxZ
EVSC-M41A3	3~	418	455	39	127	371	406	390	211	235	128	152	271	72	172	G1¼(18 deep)	64	14	5	140	31	153	155	M6x17	M25x1,5	M16x1,5	32	228	M6x15

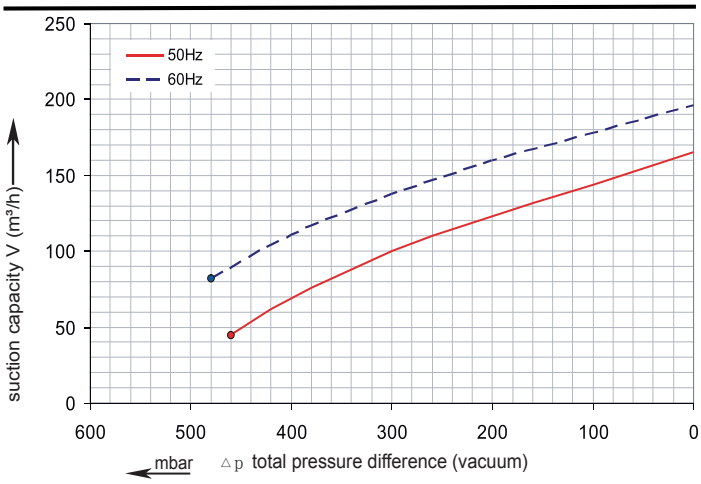
Eurovacuum



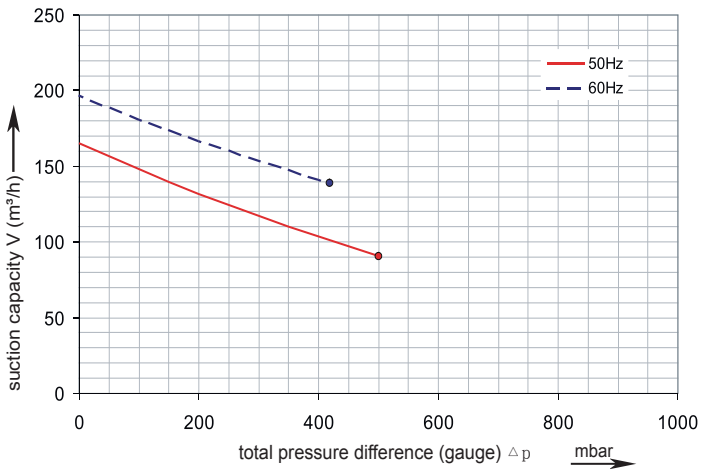
Multi stage side channel vacuum pump / compressor

EVSC-M42A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-M42A3

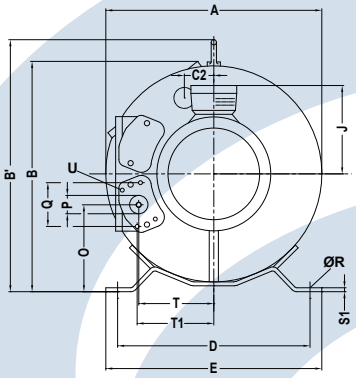
			50 Hz	60 Hz
Motor power		kW	3,3	3,8
Maximum airflow		m³/h	165	195
Ultimate pressure		mbar	+500	+420
Ultimate vacuum		mbar	-460	-480
Input voltage 3 phase Δ		V	200-240	220-275
Input voltage 3 phase Y		V	345-415	380-480
Input current Δ		A	13,0	14,2
Input current Y		A	7,5	8,2
Noise level		dB(A)	67	71
Weight		kg	48	48
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

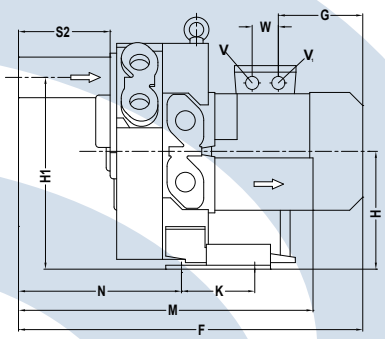
Ordering Information — TYPE EVSC-M42A3

EVSC-M42A3	3ph AC	145342
Other voltages/frequencies		Upon request

Accessories

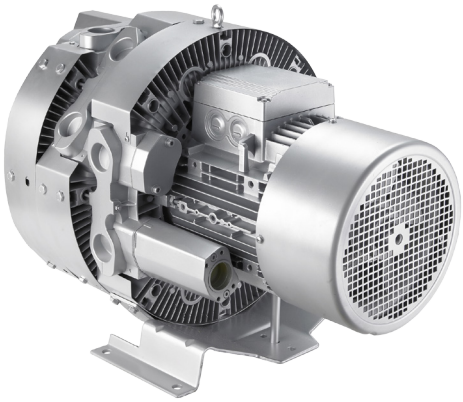
Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010





Type	Phases																										
		A	B	B'	C_2	D	E	F	G	H	H	J	K	M	N	0	P	Q	ØR	S_1	S_2	S_3	T	T_1	U	V	V_1	W
EVSC-M42A3	3~	442	457	495	63	372	406	578	211	236	389	128	152	458	259	173	$G1_{1/4}$ (18 deep)	64	14	5	140	31	153	155	M6x17	M25x1.5	M16x1.5	42

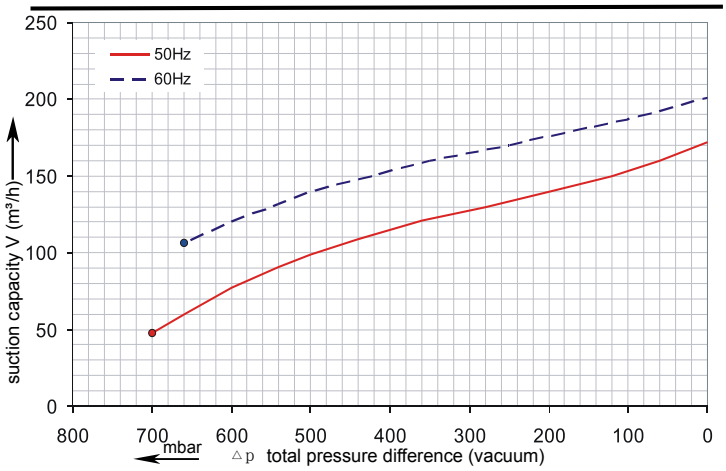
Eurovacuum



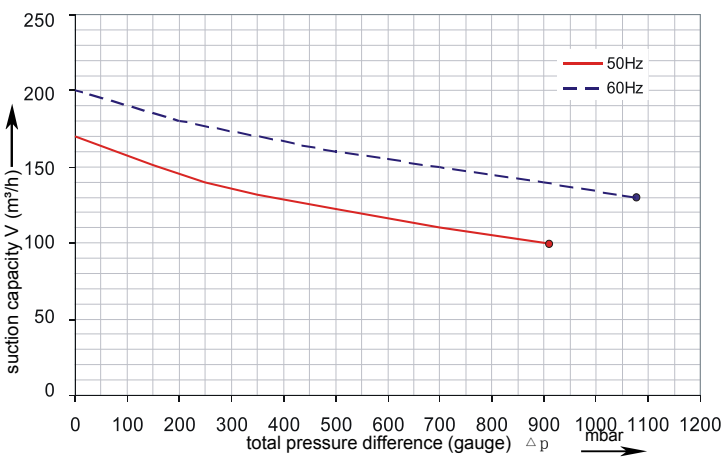
Multi stage side channel vacuum pump / compressor

EVSC-M43A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-M44A3

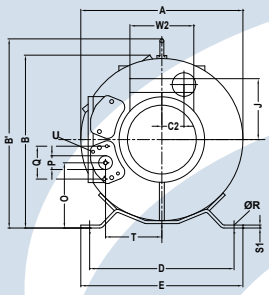
			50 Hz	60 Hz
Motor power		kW	7,5	8,6
Maximum airflow		m³/h	170	200
Ultimate pressure		mbar	+910	+1080
Ultimate vacuum		mbar	-700	-660
Input voltage 3 phase Δ		V	345-415	380-480
Input voltage 3 phase Y		V	n/a	n/a
Input current Δ		A	16,0	16,0
Input current Y		A	n/a	n/a
Noise level		dB(A)	72	76
Weight		kg	86	6
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

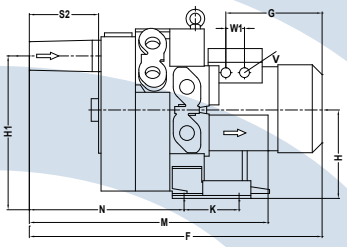
Ordering Information TYPE EVSC-M44A3

EVSC-M44A3	3ph AC	145344
Other voltages/frequencies		Upon request

Accessories

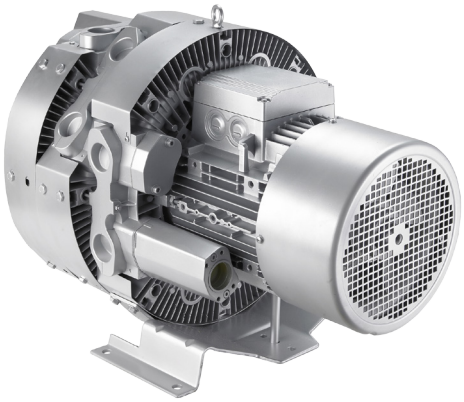
Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010





Type	A	B	B'	C2	D	E	F	G	H	H	K	M	N	O	P	Q	ØR	S1	S2	T	U	V	W	W
EVSC-M44A3	442	402	492	63	371	406	717	274	236	389	152	539	336	172	G1 1/4 (15 deep)	64	14	5	146	153	M6x17	M32x1.5	42	120

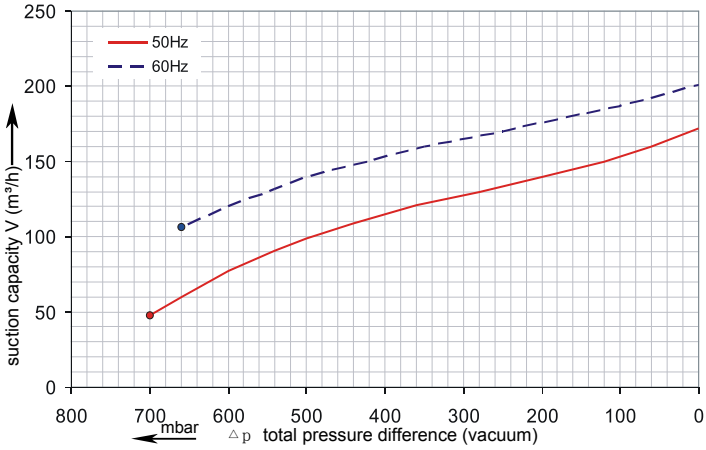
Eurovacuum



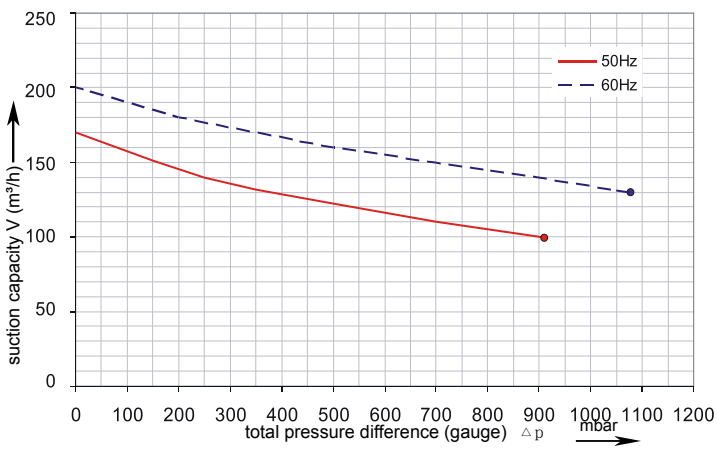
Multi stage side channel vacuum pump / compressor

EVSC-M44A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data — TYPE EVSC-M44A3

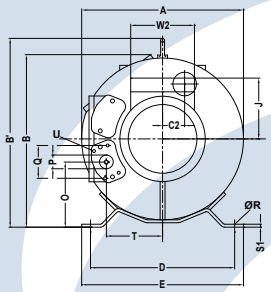
			50 Hz	60 Hz
Motor power		kW	7,5	8,6
Maximum airflow		m³/h	170	200
Ultimate pressure		mbar	+910	+1080
Ultimate vacuum		mbar	-700	-660
Input voltage 3 phase Δ		V	345-415	380-480
Input voltage 3 phase Y		V	n/a	n/a
Input current Δ		A	16,0	16,0
Input current Y		A	n/a	n/a
Noise level		dB(A)	72	76
Weight		kg	86	86
Connection	inlet	G(BSP)	1¼"	1¼"
	outlet	G(BSP)	1¼"	1¼"

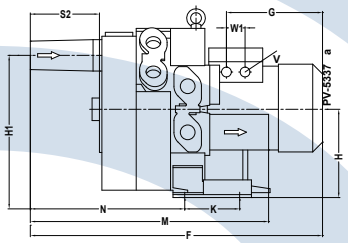
Ordering Information — TYPE EVSC-M44A3

EVSC-M44A3	50/60 Hz	145344
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010





Type																							
	A	B	B'	C 2	D	E	F	G	H	H1	K	M	N	O	P	Q	ØR	S1	S2	T	U	V	W	W
EVSC-M44A3	442	402	492	63	371	406	717	274	236	389	152	539	336	172	G1 1/4 (15 deep)	64	14	5	146	153	M6x17	M32x1.5	42	120

Eurovacuum



Pressure relief / vacuum relief valves (plastic)

Order number	Fitting	Capacity
140001	G 1¼”	0-300 mbar
140002	G 1¼”	300-600 mbar

Pressure regulator valves (metal)

Order number	Fitting	Capacity
20750	G ¾”	0-800 mbar
25750	G 1”	0-800 mbar
32750	G 1¼”	0-800 mbar



Vacuum regulator valves (metal)

Order number	Fitting	Capacity
20760	G ¾”	0-800 mbar
25760	G 1”	0-800 mbar
32760	G 1¼”	0-800 mbar

Preset value service

Eurovacuum offers the service of calibrating these valves to a preset vacuum or pressure relief level.