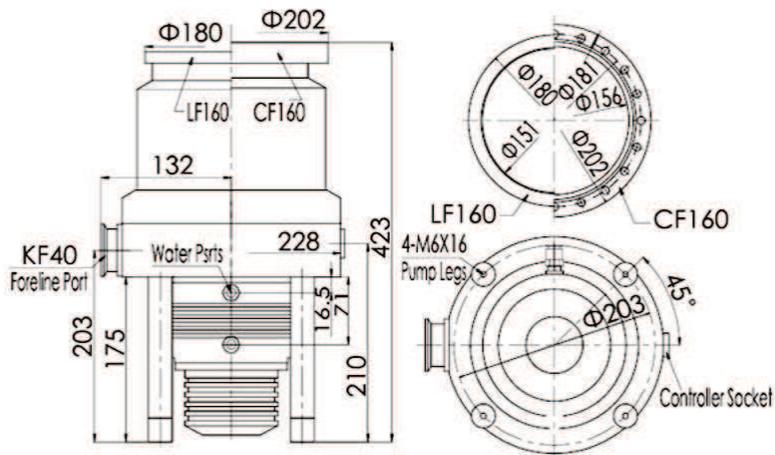
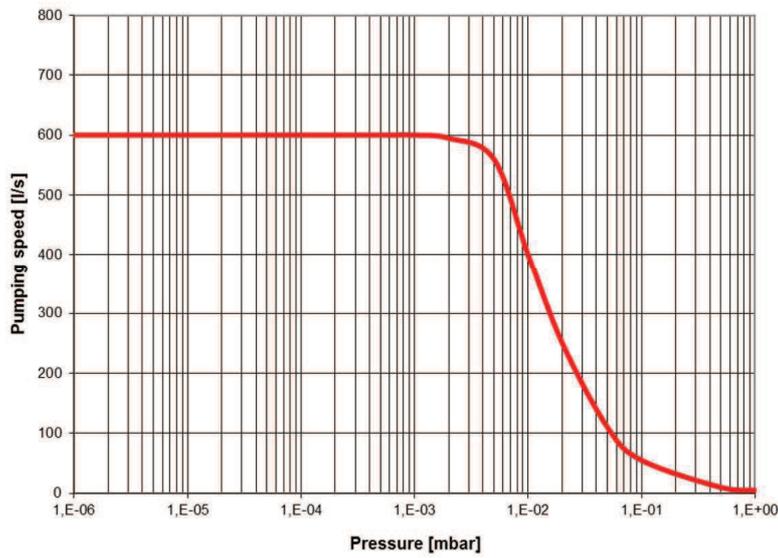


TYPE EVT-620E

water cooled



TYPE EVT-620E

water cooled

| Technical Data | | TYPE EVT-620E | |
|----------------------------------|------|--------------------|--------------------|
| | | 620E-LF | 620E-CF |
| Pump type | | Compound/Drag | Compound/Drag |
| Inlet Flange | | 160 ISO-K | 160 CF |
| Fore vacuum Flange | | 40 KF | 40 KF |
| Pumping speed (air) | l/s | 600 | 600 |
| Pressure for max. speed | mbar | 1×10^{-2} | 1×10^{-2} |
| Rotation Speed | rpm | 36.000 | 36.000 |
| H ₂ Compression Ratio | | 6×10^3 | 6×10^3 |
| N ₂ Compression Ratio | | 1×10^9 | 1×10^9 |
| Ultimate Vacuum | mbar | 6×10^{-8} | 6×10^{-9} |
| Max. bake-out temp. | °C | 100 | 100 |
| Run up Time | min | < 6 | < 6 |
| Vibration | µm | < 0,1 | < 0,1 |
| Control Unit | | TCDP-II | TCDP-II |
| Input Voltage | VAC | 220/110 ±10% | 220/110 ±10% |
| Cooling medium | | Water | Water |
| Bearing type | | Ceramic Oil | Ceramic Oil |
| Operating Orientation | | Vertical (± 5°) | Vertical (± 5°) |
| Weight | kg | 29 | 29 |

| Ordering Information | TYPE EVT-620E | |
|--|---------------|--------------|
| | 620E-LF | 620E-CF |
| Turbo drag pump EVT-620E incl. splinter screen | 806000 | 806001 |
| Control unit type TCDP-II | 800040 | 800040 |
| Cable 2,5 m | 800011 | 800011 |
| Cable 5 m | 800012 | 800012 |
| Cable 10 m | 800013 | 800013 |
| Cable 20 m | 800014 | 800014 |
| Other lengths | Upon request | Upon request |
| Heating jacket 230V AC | - | 806020 |
| Venting valve NC 230V AC, 50/60Hz | 250-533 | |
| Venting valve NC 24V AC, 50/60Hz | 250-531 | |
| Venting valve NC 24V, DC | 250-530 | |
| Filter for venting valves | 215-152 | |
| Venting valve NO 200-230V, 50/60Hz | 250-851 | |
| Venting valve NO 24V, DC | 250-850 | |
| Delayed venting unit | Upon request | |
| Recommended pre-vacuum pump: Standard operation | 422901 | |
| Type EVD-24, 230V AC | 422901 | |
| Purge gas operation | 423901 | |
| Type EVD-36, 230V AC | 423901 | |
| Also Dry pumps can be used | | |