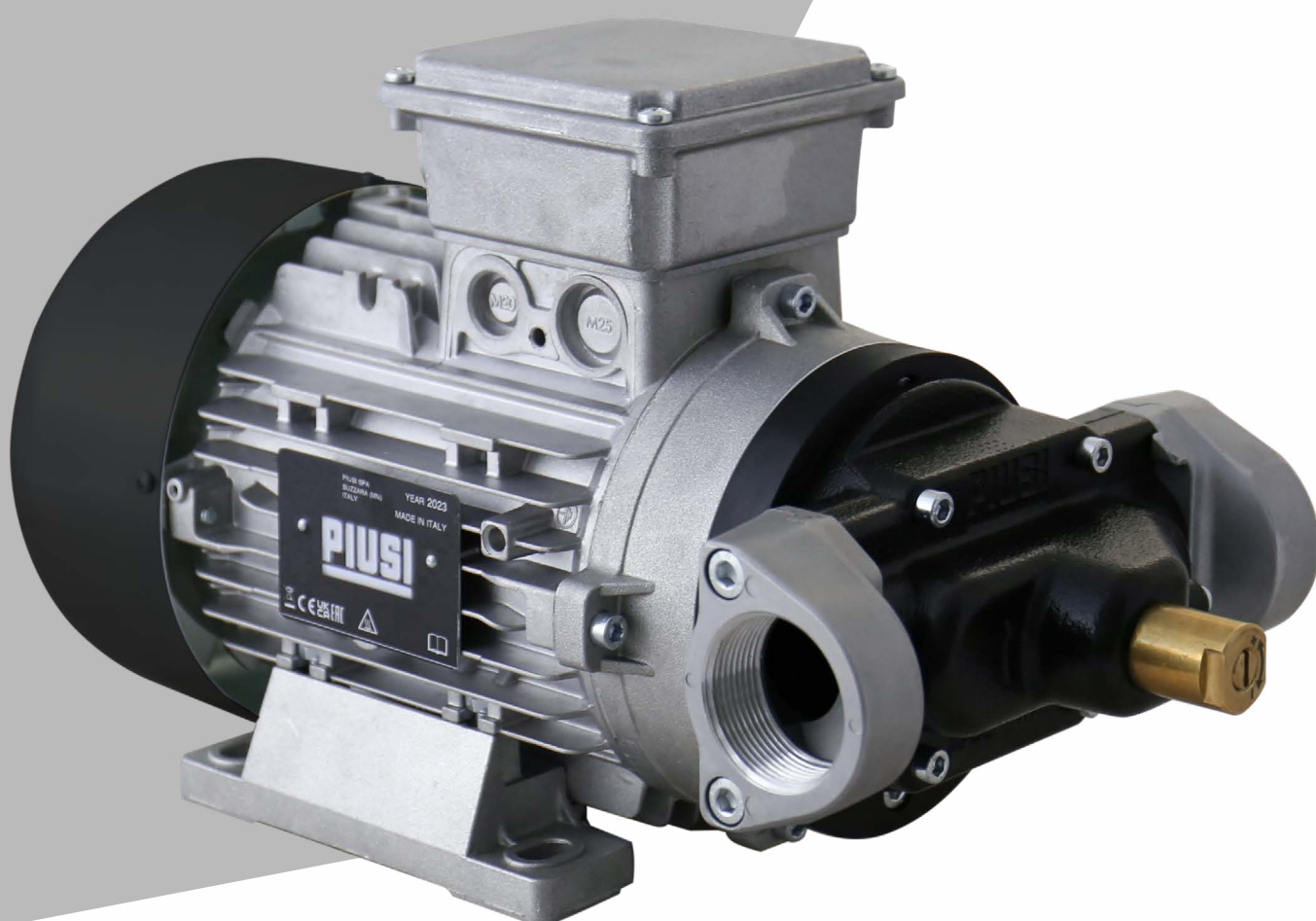


VISCOMAT GEROTOR



HIGH FLOW RATE OIL PUMP

PIUSI

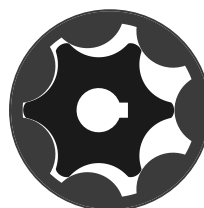
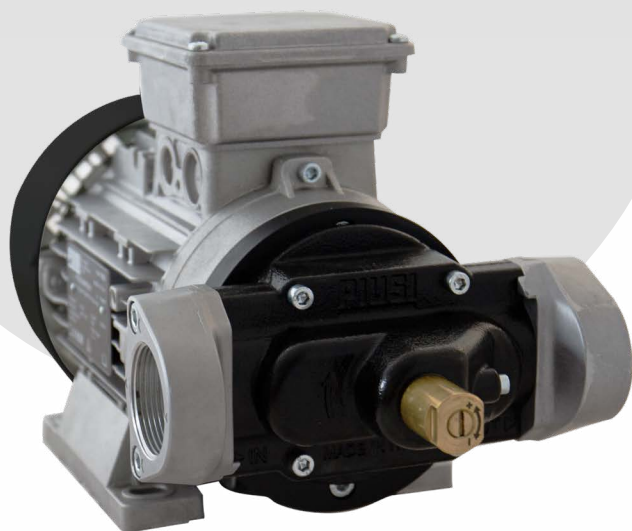
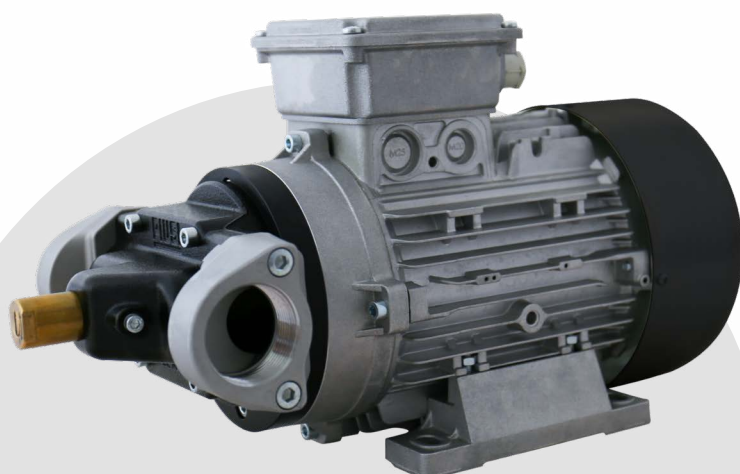
MADE IN ITALY

VISCOMAT GEROTOR

Created through PIUSI experience in the lubrication sector, VISCOMAT GEROTOR is a self-priming electric pump, designed to transfer oil at high flow rates.

Thanks to the innovative system featuring radial backlash gears, the pump guarantees **high performance and a compact design which help to ensure a long service life.**

Available with a three-phase motor, **VISCOMAT GEROTOR is suitable for all oil types with a viscosity up to 1000 cSt**, guaranteeing a flow rate up to 65 l/min at 9 bar for applications such as transferrals from fixed to mobile tanks, transferrals in industrial systems and filling working machinery.



GEROTOR TECHNOLOGY

Thanks to the radial backlash gear system, the pump has a low noise output and a constant flow.



PRESSURE REGULATOR

VISCOMAT GEROTOR is equipped with a pressure regulator which allows you to change the outgoing pressure to a value between 4 and 9 bar, making it suitable for use in various types of system.



FKM SEAL

The shaft seal in fluoropolymer (FKM) ensures a long service life and is chemically compatible with different types of oil.



FLANGED PORTS

The inlet/outlet with 1-1/2" flange offers easy installation and servicing.

MATERIALS

| | |
|--------------------------|-----------------------------------|
| Wetted materials | Cast iron, steel, brass |
| Body/Flange | Cast iron |
| Gears/Motor Shaft | Steel |
| Regulating valve | Brass |
| Lip sealing | FKM |
| Compatible fluids | Oil, lubricants, silicone liquids |

TECHNICAL DATA

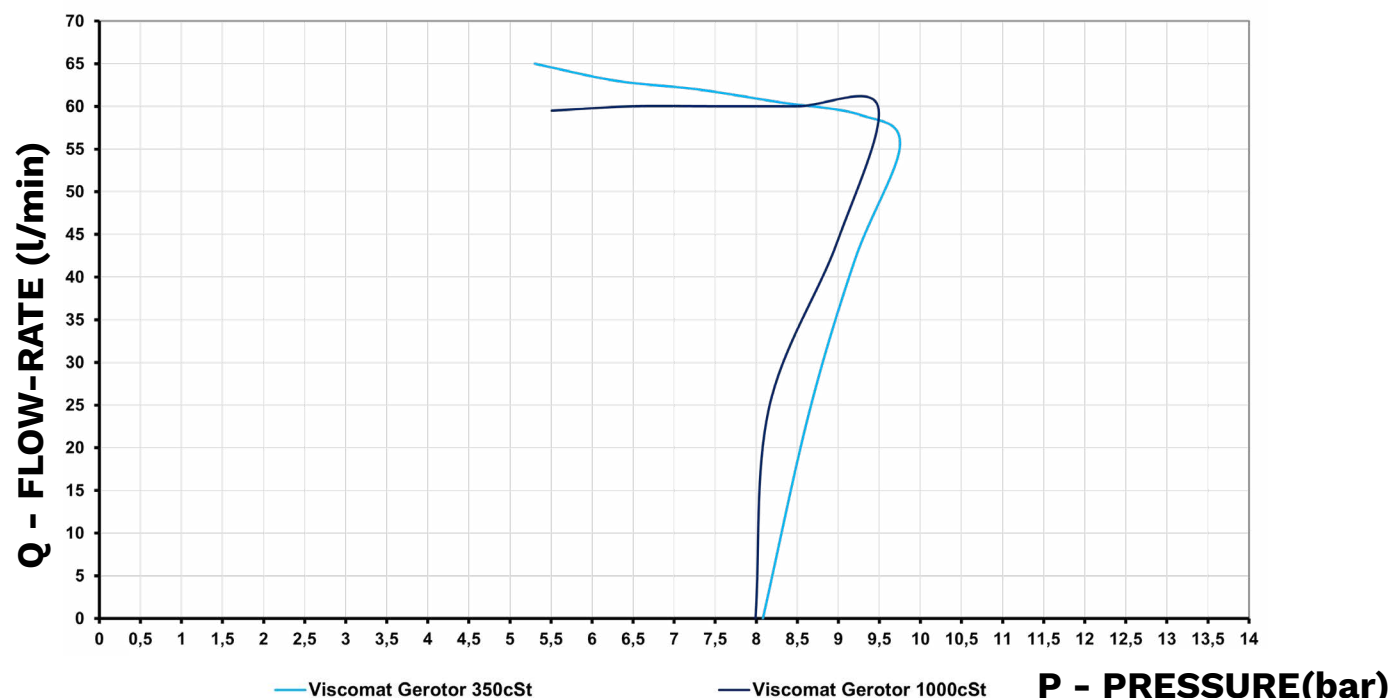
| | |
|---|-----------------------|
| Motor power | 2,2 kW – 3F |
| Voltage | 230/400 V 50Hz |
| Amperage | 8,6/5 A |
| Motor revolutions | 1350 RPM |
| Thermal protection fitted with facility for motor protection installation | Yes |
| Motor size | MEC 90 with feet (B3) |
| Duty cycle | S2 60min |
| Option of use with inverter | Yes |
| IP rating | 54 |
| Max. viscosity | 1000 cSt |
| Flow-rate (Q) | 65 ± 3 l/min |
| Max. pressure (P) | 9,5 ± 0,5 bar |
| Pressure regulator* | 4-9 bar |
| Max. suction pressure | 0.5 bar |
| Dry operation | Max. 40 sec. |
| Self-priming | Yes |
| Min.-Max. operating temperature | -20 C° / 40 C° |
| Max. fluid temperature | 100 C° |
| Weight | 22,5 kg |
| Inlet/outlet | Ø33 ± 1mm |
| Flanges included | 1 -1/2" BSP |

*The pressure regulator does not function as a bypass.

F00334800

VISCOMAT GEROTOR 230-400V 50 Hz

CHART



Since 1953, piusi has been employing italian engineering skills at the service of its customers, with professionalism and integrity in order to build stable and lasting relationships.

Our mission is to provide simple, intelligent and professional solutions for the transfer, dispense and measurement of lubricants, fuels and liquids, with the highest consideration for human and environmental health.



PIUSI S.p.A.

Headquarters
46029 Suzzara (Mantova) Italy
tel.+39 0376 534561
fax.+39 0376 536393
e-mail: piusi@piusi.com
www.piusi.com

PIUSI USA, Inc.

3901 Anglers Avenue Fort Lauderdale, FL
33312
tel.: 954 584 1552
fax.: 954 584 1554
e-mail: piusiusa@piusi.com
www.piusi.com

