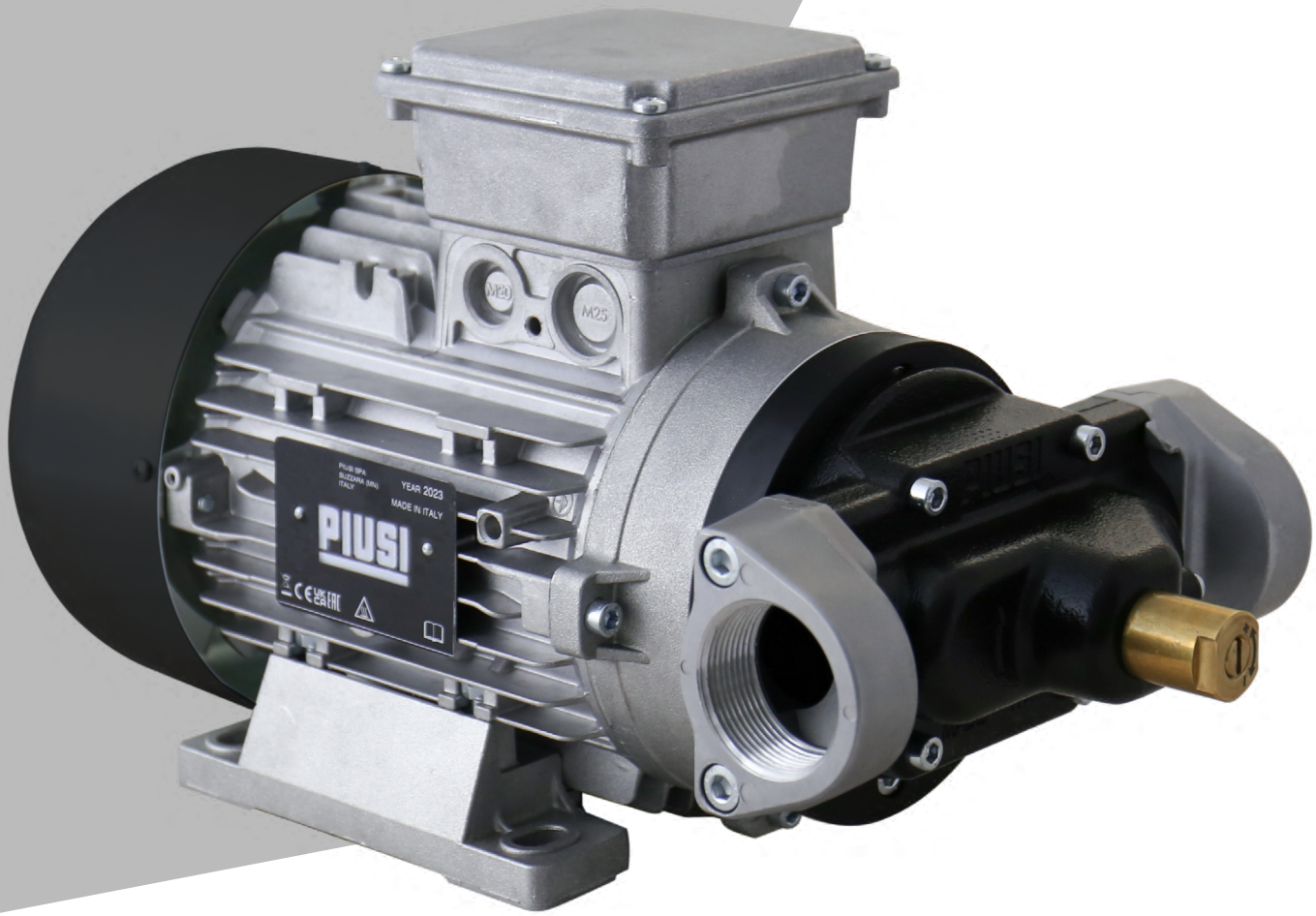
piusi.com

VISCOMAT GEROTOR



HIGH FLOW RATE OIL PUMP

PIUSI

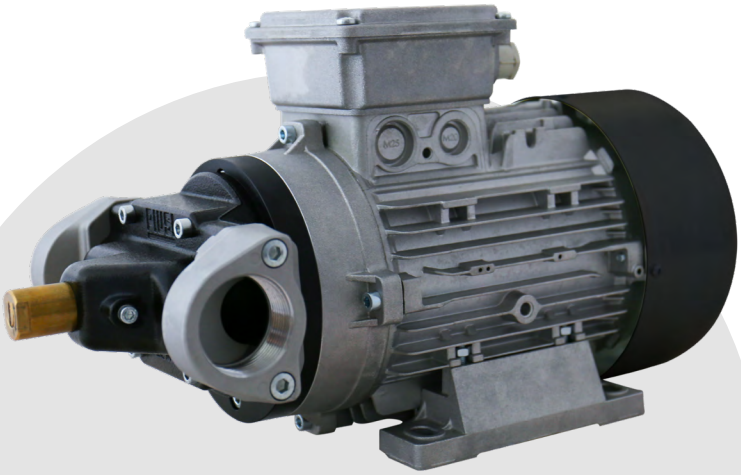
MADE IN ITALY

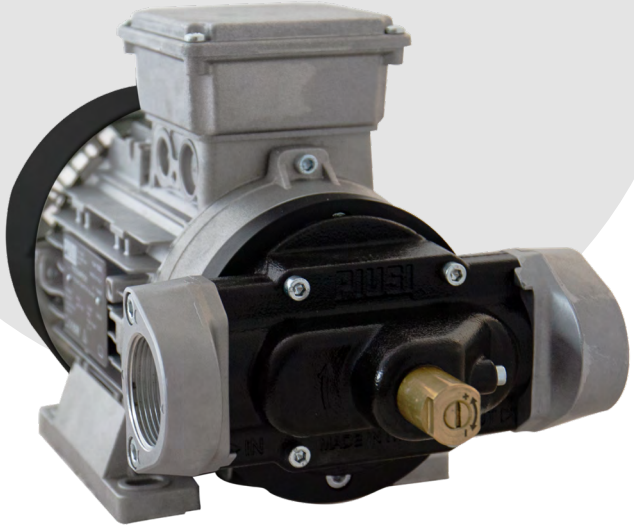
VISCOMAT GEROTOR

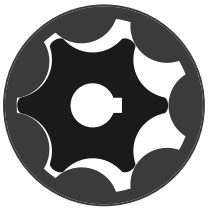
Created through PIUSI experience in the lubrication sector, VISCOMAT GEROTOR is an electric pump, designed to transfer oil at high flow rates.

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 types of oil with viscosities from 32 to 1000 cSt**, delivering a flow rate of up to 65 l/min at 9 bar for applications such as transferring from fixed to mobile tanks, transferring in industrial systems, and filling construction machinery.







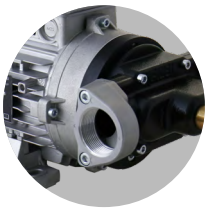
GEROTOR TECHNOLOGY
Thanks to the radial backlash gear system, the pump has a low noise output and a constant flow.



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 SEALS
Fluoropolymer (FKM) seals ensure high durability and chemical compatibility with various types of oil.



FLANGED PORTS
The inlet/outlet with 1 1/2” flange offers easy installation and servicing.

MATERIALS

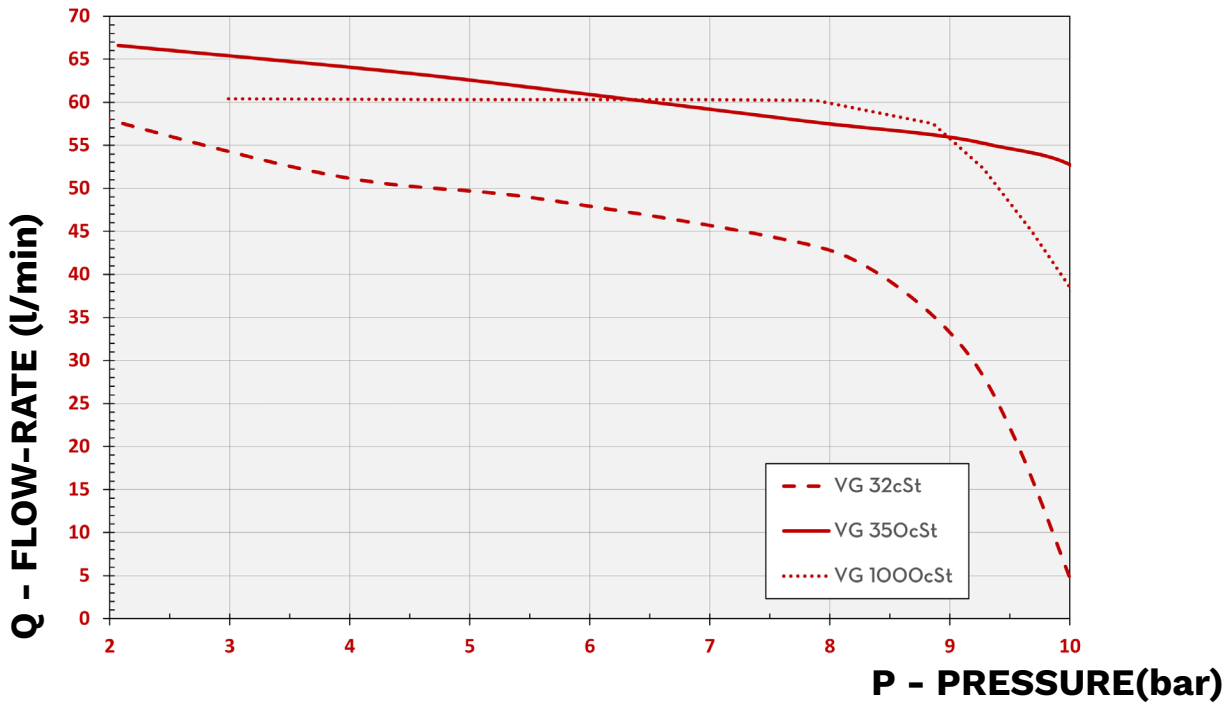
Wetted materials	Cast iron, steel, brass
Body/Flange	Cast iron
Gears/Motor Shaft	Steel
Regulating valve	Brass
Seals	FKM
Compatible fluids	Oil, lubricants, silicone liquids

TECHNICAL DATA

Motor power	2,2 kW – 3F
Voltage	400 V 50Hz
Max. current	5A
Motor speed (RPM)	1350 RPM
Thermal protection installed with provision for motor protection switch	YES
Motor size	MEC 90 con piedi (B3)
Duty cycle	S2 60min
Possible use with inverter	YES
IP	54
Viscosity (Min. - Max.)	32 - 1000 cSt
Max. flow rate (Q)	65 l/min
Max. pressure (P)	12 bar
Pressure regulator*	4-9 bar
Max. suction side pressure	0.5 bar
Max. negative inlet pressure with oil-primed pump	- 0,4 bar
Dry running	Max. 40 sec.
Self-priming	YES
Operating temperature (Min. - Max.)	- 20 C° / 40 C°
Fluid temperature (Min. - Max.)	- 20 C°/ 100 C°
Weight	22,5 kg
Flanged inlet/outlet	1 1/2” BSP

*The pressure regulator does not have a bypass function.
Note: For a long service life of the pump, oil cleanliness according to ISO 4406 should not be below level 21/18/15.

F00334800	VISCOMAT GEROTOR T 400V/50Hz



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

REV. 05 11/2025