

# VISCOMAT GEAR



## EN Gear-type oil pumps

VISCOMAT gear pumps have been designed as modern, effective solutions for the various requirements of pumping oils and lubricants. Thanks to the several available models VISCOMAT satisfies the need to:

- transfer quantities of product at medium pressure between tanks;
- guarantee good flow rates at high pressure in applications in which the pump must supply the reeling drums of fixed, "in-line" oil distribution systems on fixed pumping systems;

Common features of all models are:

- quiet operation,
- regularity of flow characterized by the absence of pulsations,
- closed-delivery operation option thanks to the incorporated adjustable BYPASS,
- high suction capacity,
- compact design.

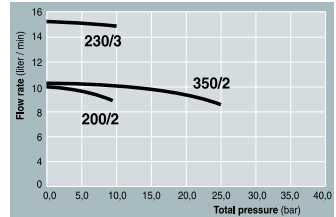
### Construction characteristics

Asynchronous, closed, self-ventilating, AC motor (protection grade IP 55) available in various voltages and frequencies.

Die-cast aluminum pump body. By-pass integrated into the pump body. Sintered steel gears, with a specially designed internal profile. Mechanical seal on the motor shaft, accessible from the pump side. Incorporated self-priming device.

### Performance Characteristics

- Flow rates from 9 to 14 l/min (2,4 to 3,7 gal/min) (GEAR)
- Pressures from 12 to 25 bar (170 to 355 psi) (GEAR)
- Continuous operation.
- Noise less than 70 dB.



Adjustable bypass valve

**Flow rate** up to **14** l/min  
**Viscosity** up to **2000** cSt  
**High pressure**



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Code	Description	Flow rate		Pressure		Bypass valve adjustable	Singlephase motor Volt/Hz	Watt	rpm	I/O	Weight Kg	Packaging mm
		l/min	gal/min	bar	psi							
F0030403A	Viscomat 200/2 M.	9	2,4	12	170	●	230/50	550	1450	1" GAS	9	350x200x280
000304200	Viscomat 200/2 110V/60Hz	9	2,4	12	170	●	110/60	950	1730	3/4" NPTF	9	350x200x280
F0030430A	Viscomat 230/3 M.	14	3,7	12	170	●	230/50	750	1450	1" GAS	12,5	350x200x280
F0030401A	Viscomat 350/2 M.	9	2,4	25	355	●	230/50	750	1450	1" GAS	12,5	350x200x280
000304110	Viscomat 350/2 110V/60Hz	9	2,4	25	355	●	110/60	1500	1750	3/4" NPTF	12,5	350x200x280

Upon request it is available with different voltage and frequency