

Magnet drive rotary vane pumps TM 300-400 series

The new TM 300-400 series pumps have been designed to deliver a smooth flow rate reliably for a long time.

The precise alignment of pump and motor, combined with the absence of contact between them granted by the magnetic drive, optimizes the operation of the unit reducing friction and therefore wear, noise and power consumption.

The absence of dynamic seals in favour of static o-rings improves the reliability of the pump and at the same time of the motor driving it.

The pump, with stainless steel housing and rotor and carbon graphite pumping chamber with NBR seals, is NSF certified for use in contact with potable water.

Available upon request:

- EPDM or Viton® seals



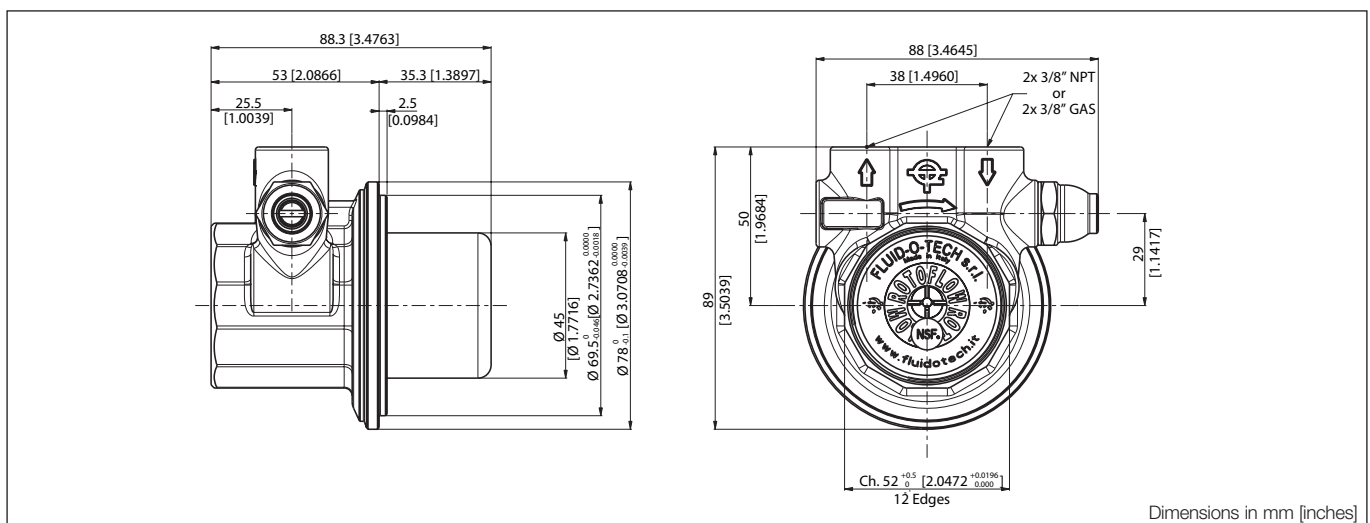
MAIN APPLICATIONS

- Cooling systems
- Water treatment
- Booster systems
- Solar systems

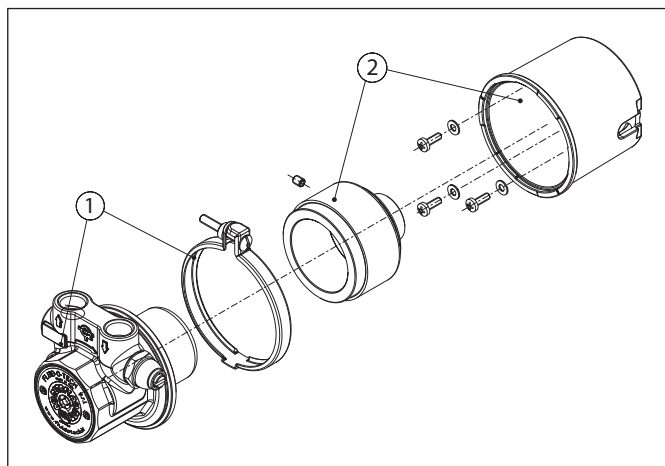


TECHNICAL INFORMATION

Pump housing material	Stainless steel	Max static pressure	20 bar/290 psi
Pumping chamber	Carbon graphite	Pump weight	1.0 kg (2.2 lb)
Ports	3/8" GAS or NPT	Speed limit	1725 rpm



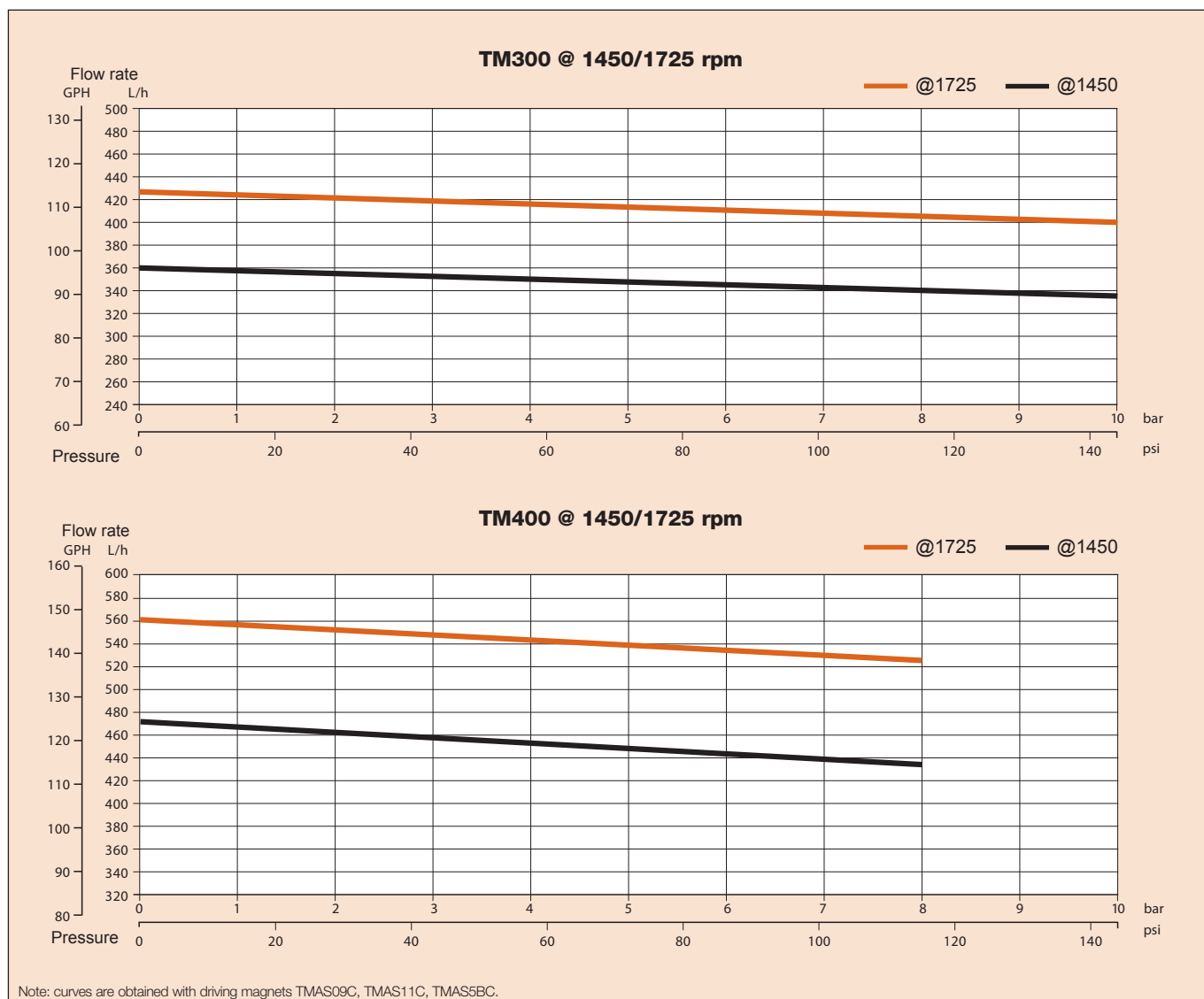
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POS	DESCRIPTION	CODE
1	TM series pump	
	High torque mounting assembly (M56-B14)	TMBS56C
2	High torque mounting assembly (M63-B14)	TMBS63C
	High torque mounting assembly (NEMA 56C)	TMBS5BC

MODEL	RELIEF VALVE	HOUSING	FIGURE
TMSS300	NO	STAINLESS STEEL	1
TMSS400			2
TMSS301	STANDARD		1
TMSS401			2
TMSS304	BALANCED		1
TMSS404			2

Note: The "C" series driving magnets provide a slot in the internal bore to accept the driving key of motors M56 and M63 frame.



Fluid-o-Tech reserves the right to alter the specifications indicated in this catalogue at any time and without prior notice.

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