

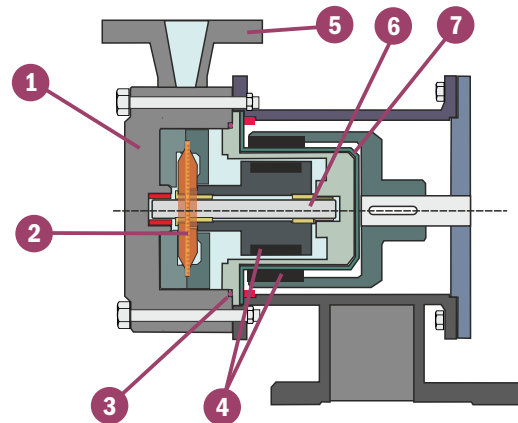


Turbine Pumps

PTM Range Magnetically Driven Pumps

DESIGN SUMMARY

Standards	ISO 9001
Configuration	Close coupled
Motors	IE2, IE3
Seal Type	Magnetic Drive



SPECIFICATIONS

Maximum Temp	80 °C
Minimum Temp	-40 °C
Max Flow	10 m ³ /hr
Max Head	50 m
Max Pressures	10 bar total system
ATEX	Yes

MATERIALS

	Standard	Options
Rear Casing	PP	PVDF
Front Casing	PP	PVDF
Impeller	PP	PVDF
Shaft	SiC	
Bearings	PTFE	SiC
O Ring:	EPDM	Viton, FEP
Magnets	Neodymium	

DESIGN FEATURES

PTM pumps are peripheral turbine pumps designed for low flow high head applications and directly replace Caster MT pumps..

- 1 Thick wall housings machined from solid block polypropylene or PVDF.
- 2 Peripheral turbine that requires a low NPSH and can pump liquids with 20% entrained gases.
- 3 Viton, EPDM or FEP O rings.
- 4 Powerful rare earth Neodymium magnets.
- 5 BSP, NPT, PN10, PN16 or ANSI 150 connections
- 6 SiC shaft with PTFE bearing as standard to give improved chemical and mechanical resistance.
- 7 Secondary carbon fibre containment shell on sizes above 2.5 x 6.5 as standard and option on smaller sizes.

The PTM pumps are supplemented by the PTM-SP self priming range and STM stainless steel turbine pumps.



PTM - Performance Curves

2950 rpm

