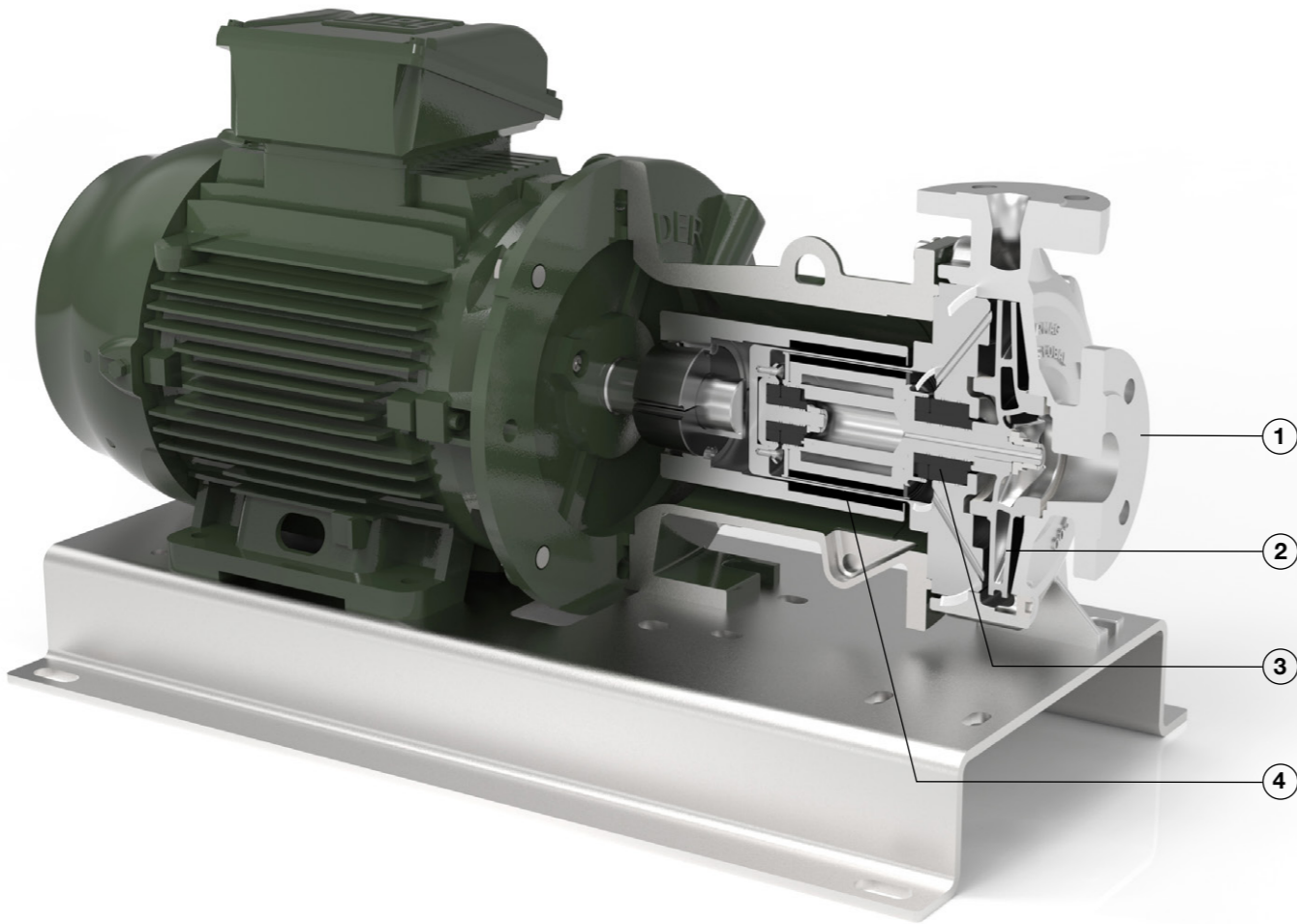


Pump series VMM2

Characteristics

The Verdermag VMM2 is a high-performance stainless steel magnetic drive centrifugal pump designed for safe, reliable and efficient fluid handling in demanding industrial applications. Built to ISO 2858 standards, it features a robust one-piece 316 / CF8M stainless steel casing with top centerline discharge and foot-supported design for maximum strength and alignment stability. Silicon carbide bearings and optimized internal lubrication enhance durability and reduce maintenance requirements. Engineered for corrosion resistance, efficiency, and long service life, the Verdermag VMM2 is the ideal solution for critical chemical and industrial processes.



VMM2

- 1 Robust one-piece cast pump casing to ISO 2858.
- 2 Closed impeller for optimal hydraulic efficiency and controlled internal circulation for lubrication of bearings.
- 3 Floating silicon carbide bearings.
- 4 Samarium cobalt magnets keep their transferrable torque at high temperature.



Your benefits

- Hasteloy containment tube for lower Eddy current losses saves energy.
- Samarium cobalt magnets keep their transferrable torque at high temperature.
- Floating silicon carbide bearings: not sensitive to temperature shock, easy to replace and superior chemical resistance.
- Close coupled design, smaller footprint.

Application areas

The VMM2 pumps are used in nanofiltration, chemical transfer, petrochemical plants, power stations, oil rigs, recirculation, pharmaceutical production and CIP lines all over the world. The magdrive principle means VMM2 pumps are 100% leak-free and provide total containment between the fluid and environment.

Pump series	VMM2
Performances	
Max flow rate	80 m³/h
Max differential head	70 m
Max system pressure	16 bar
Max liquid viscosity	150 cP
Max temperature	205°C
Impeller type	Closed
Max motor power	18.5 kW
Max speed	3000/3600 rpm
Available frequency	50/60 Hz
Technical specifications	
Material wetted parts	Stainless steel 316L or better
Shaft sealing	Magnetic coupling
Available seal material	PTFE
Connections	EN or ANSI flanges
Certificates and legislation	Ex

Performance curves VMM2 at 2900 rpm

