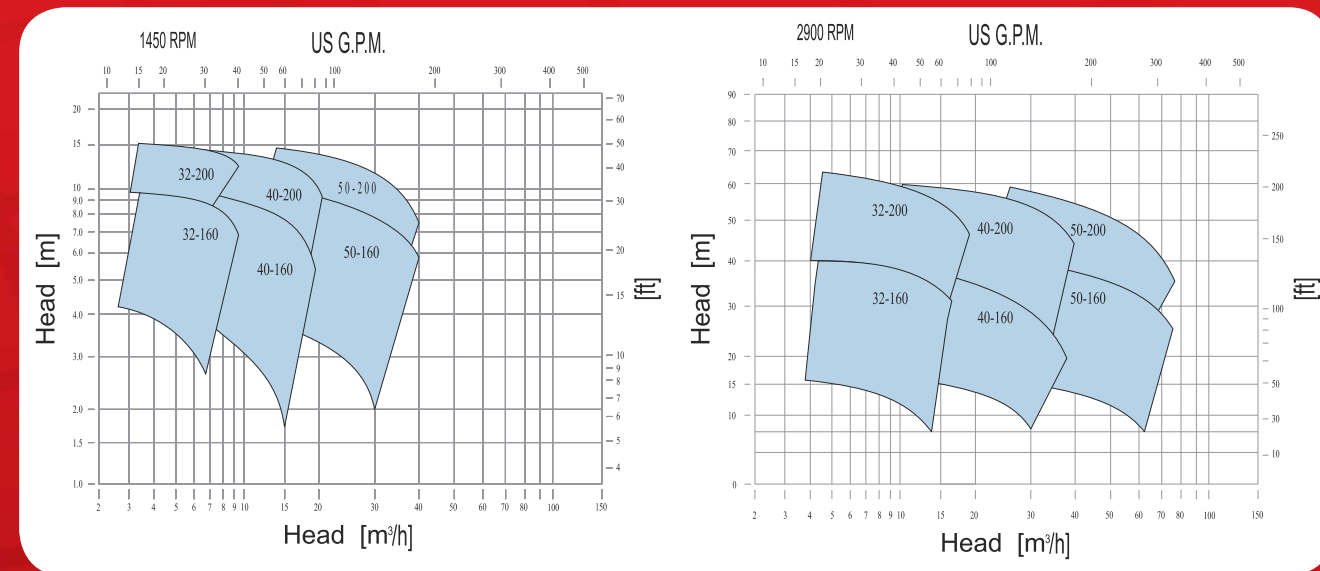


Pump construction and operating limits

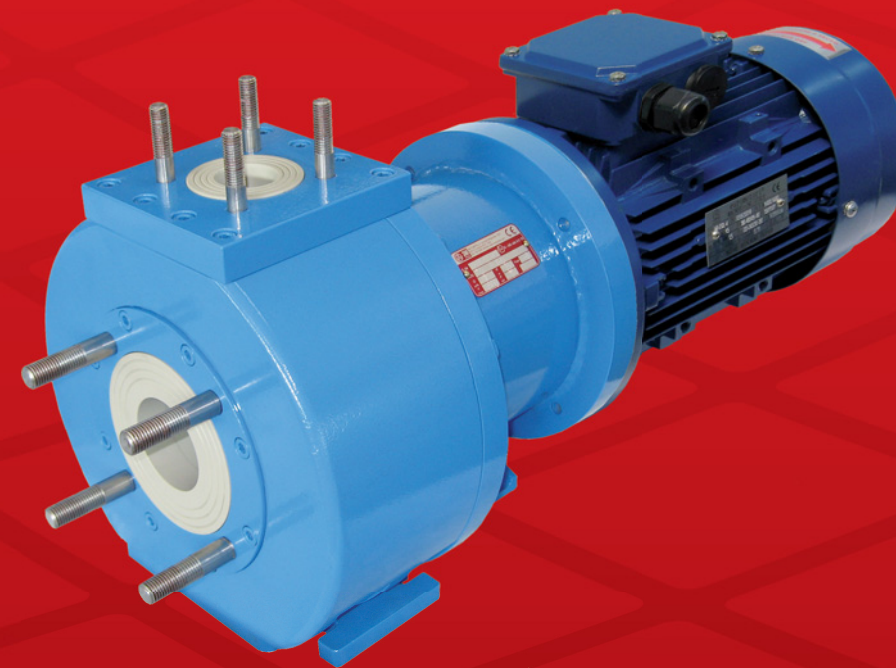
Close-coupled drivers are conventional drivers mounted directly to pumps frame. Available also bare frame version.

Flanges Connections DIN PN16 and the ANSI 150.
 Max viscosity: 200 cSt
 Max system pressure: 16 bar
 Flow up: to 75mc/h – Head up: to 60m
 Temperature range: from -120 °F (-85 °C) to +250 °F (+120 °C)
 Electric motors: from 1,5 up to 15kW
 Available Atex II - / 2G cbk II C T5

Performance curves



HORIZONTAL, SEALLESS PP AND PVDF ARMORED LINED CENTRIFUGAL PUMP ISO 2858 / DIN 24256 WITH PERMANENT MAGNET DRIVE SYSTEM, NO MECHANICAL SEAL



CMP ARMORED

Manufactured by:



A unit of
Mischiatti
 GROUP

M PUMPS s.r.l. - Via dell'Artigianato, 120
 45015 Corbola (Ro) - Italy - www.mpumps.it
 Tel. +39 0426 346304 - Fax +39 0426 349126

For more information please contact:



CMP Armored Series

The separation of liquid chamber/atmosphere by means of an isolation shell is the best solution to pump aggressive chemical, high purity liquids and liquids difficult to seal.

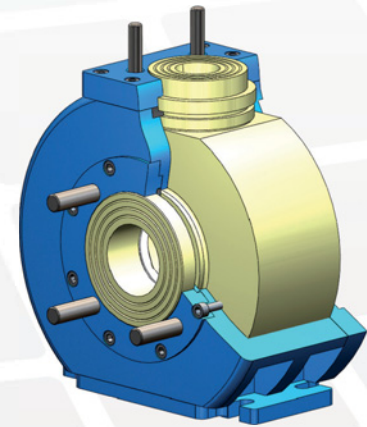
The hermetic sealless is the best solution for the chemical and pharmaceutical industry.
 A wide range of pumps covers the different performances.



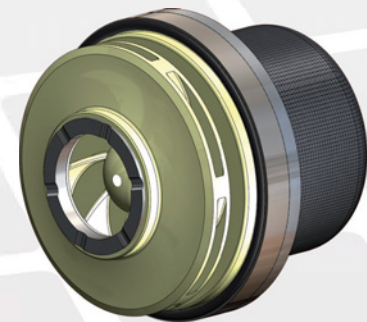
PUMP DETAILS

Epoxy primer and polyacrylic enamel water-based painting for the best quality resistance linked to the environmental respect.

The pump casing consist of an external strong carbon steel armour, achieved from casting and an internal casing, achieved from solid bar, it is made of very high tickness PP or PVDF to have a good mechanical resistance and a guaranteed long life against the corrosion.

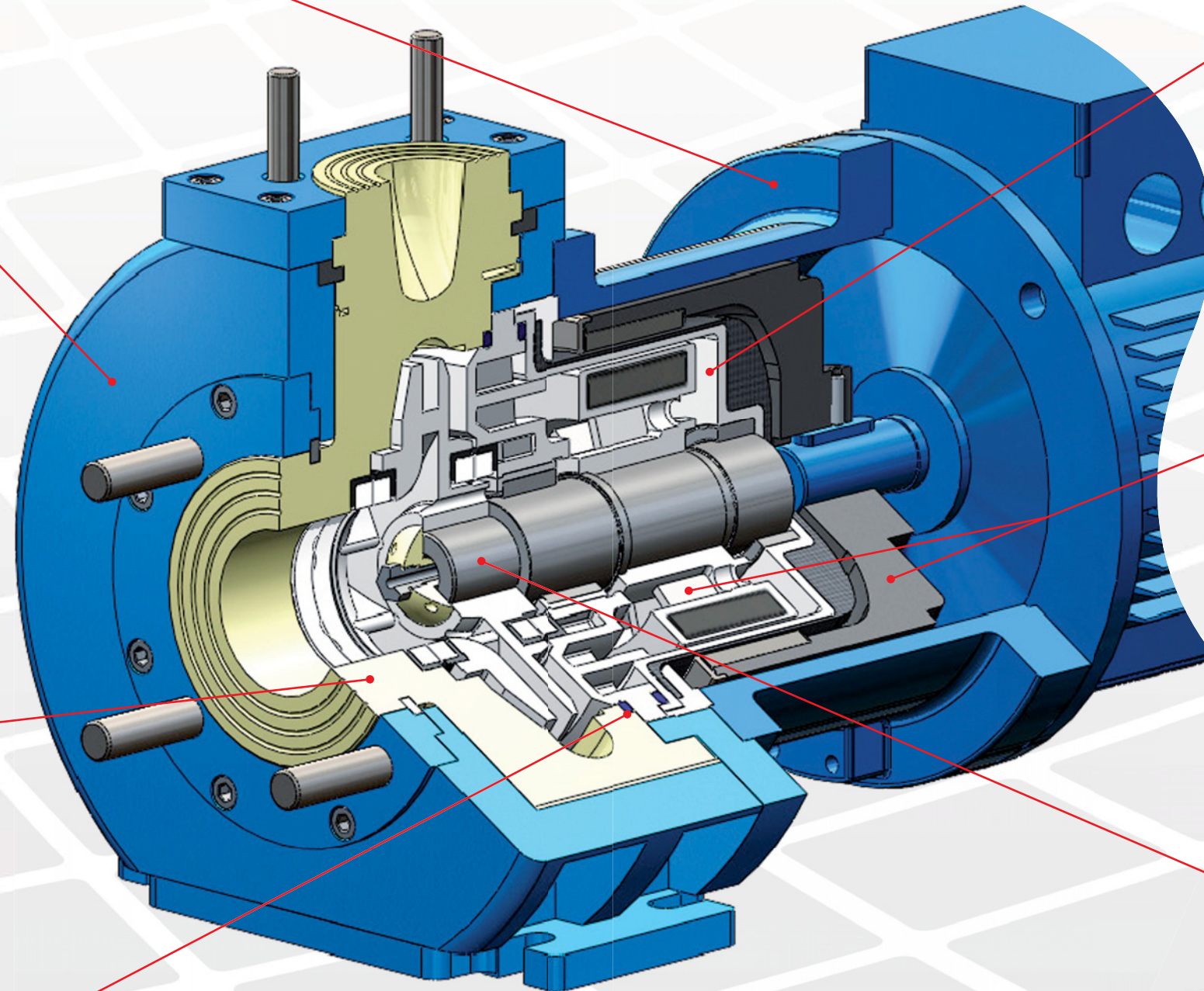


RWP QUICK CHANGE CARTRIDGE KIT to guarantee an easy and fast maintenance, materials PP or PVDF.

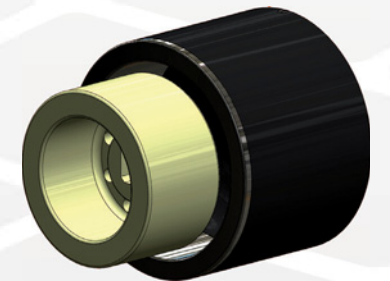


The sealing system with O-Rings prevents from leaking in the atmosphere

Different materials available:
 - EPDM
 - VITON®
 - FEP



The rear shell is made of thermoplastic materials, zero magnetic losses, materials are PP or PVDF. Outside rear shell cover ellipsoidal profile made of fiber reinforced composite material.



High power synchronous magnetic coupling designed by our Technical Office and with magnetic elements mechanically locked.

Rare earth guarantees the magnetic-balancing to avoid the thrust bearing wear and the heat generation.



Field assembling of the product lubricated bearing arrangement does not require special tools.
 The Shaft / Bearing materials are:
 - Silicon Carbide (SSIC) / Silicon Carbide (SSIC) (Standard)
 - Metallized Carbon / Silicon Carbide (SSIC)