

**CENTRIFUGAL, SINGLE STAGE, METALLIC PUMPS
ACCORDING TO ISO 2858 - 5199. MECHANICAL
SEAL CHAMBER ACCORDING TO UNI 3069**



CN SEAL-M Series

The stuffing box dimension allows the interchangeability between standard mechanical seals and packing. The standard construction uses mechanical seal according to DIN.

Possibility to insert many different kind of mechanical seal. Standard mechanical seal flushing with internal recirculation from pressure side to seal chamber.

Available different kind of flushing line like in an execution similar to API 682 standard.

CN SEAL-M ISO

PUMP DETAILS

Pump casings

Robust casings, according to ISO 2858 available as standard in CF8M stainless steel, Optimized hydraulics with high efficiency. Low vibration levels for a smooth running.

Nozzles

Suction and discharge connections are flanged CLASS 150 RF or DIN PN16.

Impeller

Multiple closed impellers for most casings to meet specific hydraulic requirements. Balanced according to requirements of ISO 1940, Grade 2.5.

Pump Shaft

Strongly sized shaft acc. to ISO 5199 ensure extremely low deflexion and long life of mechanical seal.

Mechanical shaft seals

The CN SEAL-M pumps will be equipped with mechanical seals and sealing systems to suit perfectly to your application. Various configurations available, single, double, dry, wet mechanical seal can be supply.

Shaft

- Fully machined
- Large diameters
- Low stress design
- Minimum deflection

Bearing Isolator

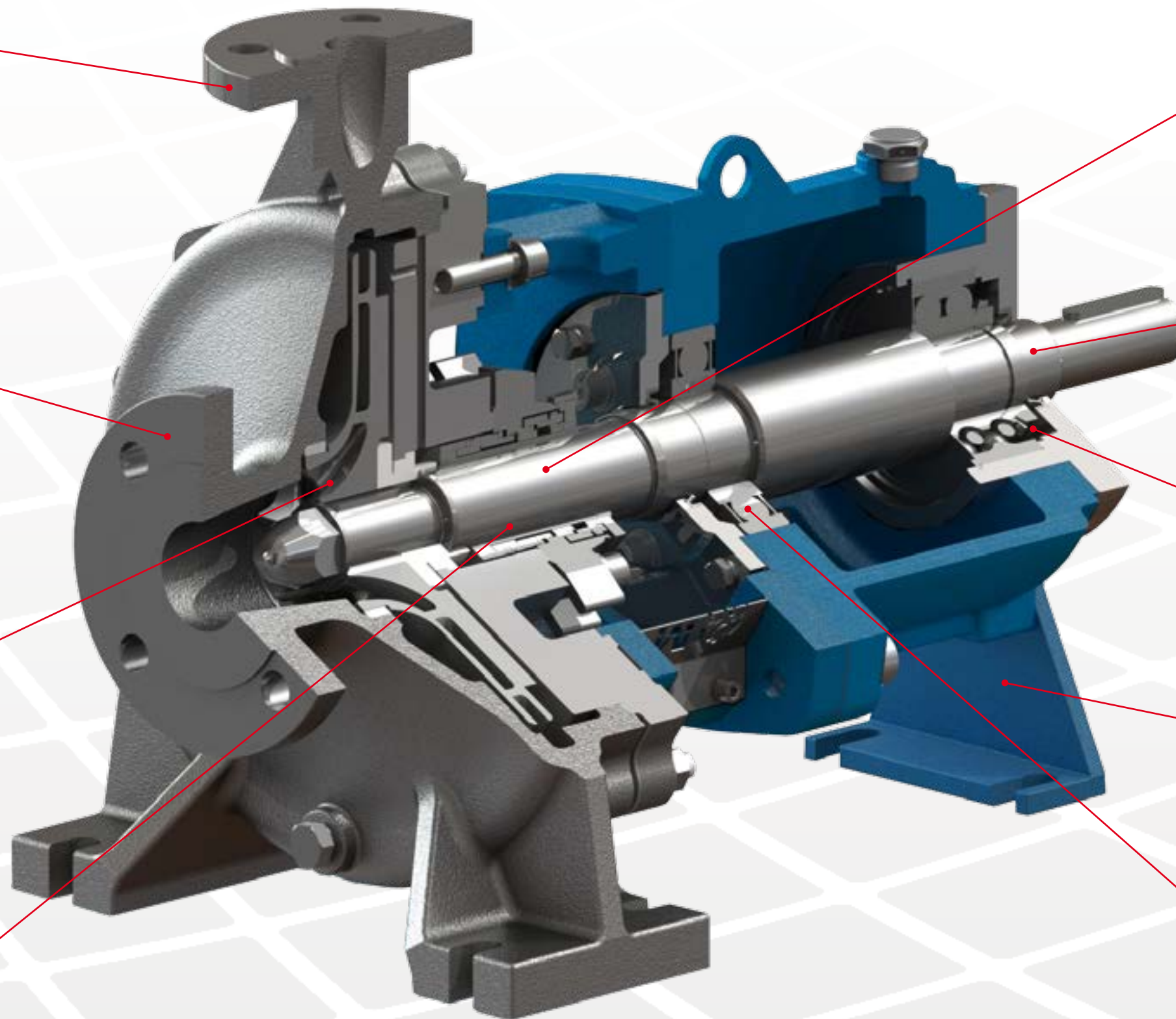
Lip seal protection is standard, labyrinth seals on request

Surfaces protection

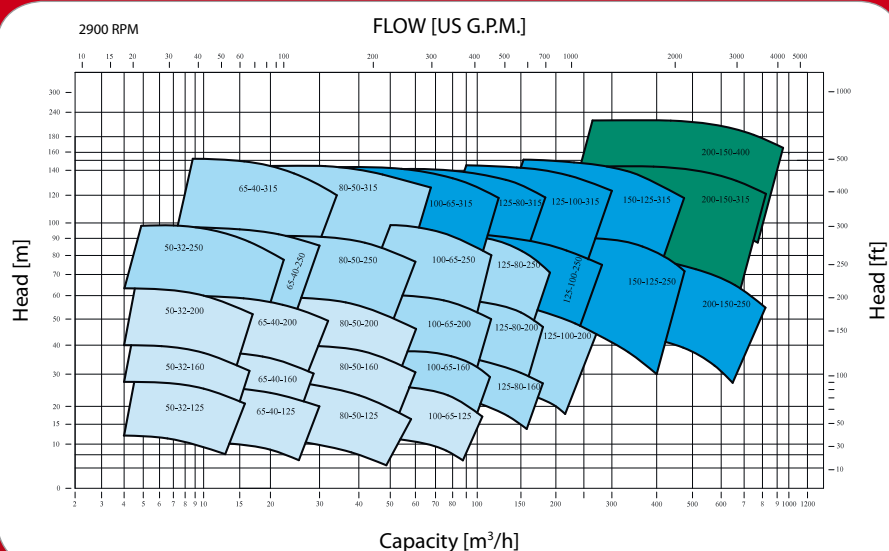
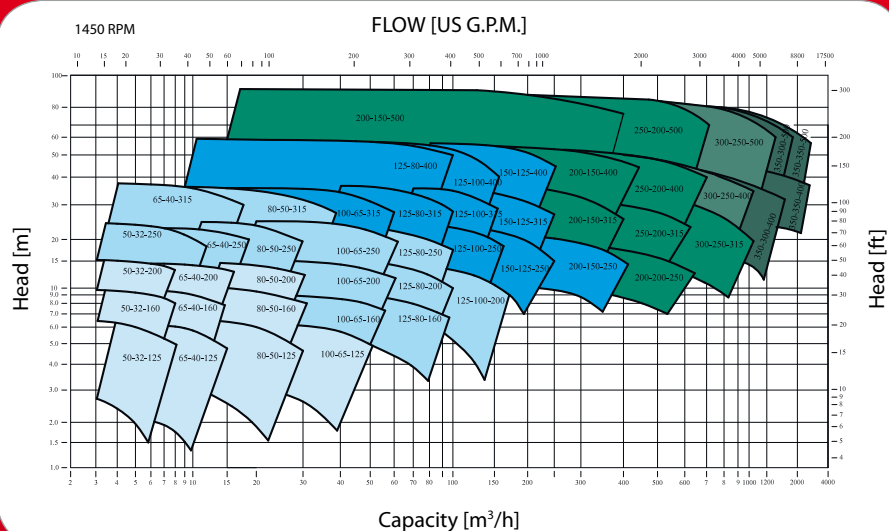
High thickness two layer epoxy painting, stainless steel screws.

Bearings

Ball bearing greased for life is standard configuration. Oil bath system with constant level oiler available on request. Three different bearing configurations available for light or heavy duty.



Performance curves



CN SEAL-M Design Metallic mechanically sealed single stage centrifugal pump. Dimensions and delivery data to ISO/EN 2858/5199 Frame-mounted. ATEX 94/9/EG.

Connections:
Flange rating per ANSI B16.5 Class 150, DIN PN 16

Operating ranges

- Flow: 0.1-1000 m³/h
- Head: up to 225 m (740 ft)
- Temperature range: -30°C (-22°F) to 200°C (+390°F);
- System pressure: max. 16 bar (290 psi)
- Capability of handling solids depending on share, shape, hardness: consult factory

Manufactured by:



A unit of
Mischiatti
 GROUP

For more information please contact:

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