

EM

MAGNETIC COUPLING PUMP

For clear, toxic, hazardous, corrosive liquids

ESI Ensival Moret
A Moret Industries Company

●Construction:

- Construction using EMTECH - NCE - NCK hydraulic units
- Dimensions according to ISO 2858
- BACK PULL-OUT design: dismantling without moving the process pipes or the motor
- Heavy duty design
- Two rolling element bearings, grease lubricated
- Samarium-Cobalt magnets
- Containment shell in 18/10/2.5+Ti* stainless steel or Hastelloy C4
- Fully hermetic sealing
- Maximum interchangeability of components.

●Standard materials:

- Cast iron
- 18/10/2.5 austenitic stainless steel *
- 20/25/4 +Cu austenitic stainless steel *
- CD4MCu duplex stainless steel
- Other materials available upon request : titanium, nickel, etc.

* The values shown are the percentages in Cr/Ni/Mo

●Additional options:

- Basic design : closed impeller
- Open impeller design available

●Industries:

- Chemical industry
- Petrochemical industry
- Refinery

●Performances:

- Capacity : from 2 to 200 m³/h or from 10 to 900 USgpm
- Total head : up to 150 m or 500 ft
- Maximum operating pressure : up to 20 bar or 290 PSI
- Temperature operating range : from -40 to 200°C or -40 to 390°F
- Viscosity from 0.2 to 200 Cp
- Maximum speed : 3,600 rpm at 60 Hz

