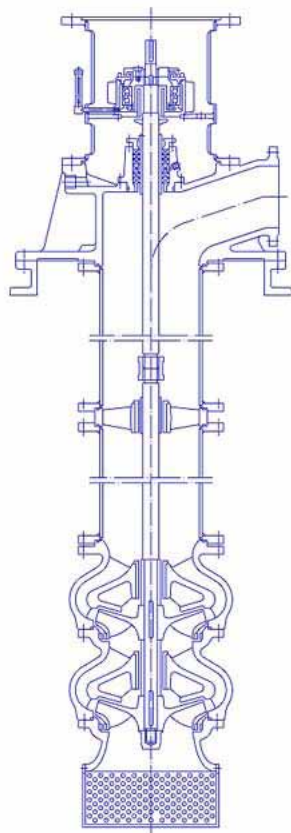


VE-VM

HIGH CAPACITY VERTICAL MULTISTAGE WET PIT PUMP

For clear, corrosive, flammable, liquids

ESI Ensival Moret
A Moret Industries Company



Construction:

- Helico-axial pump close impellers
- Single or multistage
- Keyed impellers
- Side discharge above or below ground level
- Thrust bearings oil or grease lubricated
- Column shaft with product-lubricated bearings, externally flushed in option
- Product lubricated bearings according to liquid, peek, ceramic SiC, chromium steel, bronze ...
- Excellent efficiency
- Shaft sealing by packing or standard single, double or tandem mechanical seal
- Foundation ring available
- Inducer available
- API 610 design (VS 1) available

Standard materials:

- Cast iron (I1)
 - Steel casing - cast iron impellers (S1)
 - Steel and chromium steel (S6)
 - 18/10/2.5 austenitic stainless steel * (A8)
 - Other materials available upon request : 254 SMO, Ni-Resist, Aluminium bronze, alloy 20, Duplex SS ...
- * The values shown are the percentages in Cr/Ni/Mo

Optional constructions:

- Can-mounted design for "light" hydrocarbons and very low NPSHa.
- Operating pressure up to 40 bar. Applications : condenser extraction, LPG, LNG, etc.
- Design for high temperature molten salts
- Design with steam jacket

Industries:

- Water supply and treatment
- Chemical industry
- Petrochemical industry
- Oil refineries (offsite)
- Offshore
- Power stations
- Sea water desalination
- General services : cooling, circulation, fire-fighting, etc.

Performances:

- Capacity : up to 25,000 m³/h or 110,000 USGPM, higher capacity upon request
- Total head : up to 250 m or 820 ft
- Maximum operating pressure up to 25 bar or 362 PSI, 16 bar or 232 PSI for cast iron
- Temperature operating range : from -40 to 120°C or -40 to 250°F. Special design cryogenic or very high temperature
- Maximum speed : 3,000 rpm at 50 Hz

