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## VERTICAL MULTISTAGE WET PIT PUMP For clear, corrosive, flammable, liquids

**ESI** Ensival Moret  
A Moret Industries Company

### ●Construction:

- Single or multistage
- Differential head as required
- Side discharge through pump head
- Thrust bearings oil or grease lubricated
- Column shaft with product-lubricated bearings
- Concentric discharge avoiding radial loads on bearings
- Excellent efficiency
- Shaft sealing by packing or standard single, double or tandem mechanical seal
- Foundation ring available
- Inducer available
- API 610 design (VS 1 or VS6) 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.

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

### ●Optional constructions:

- Can pump for very low NPSHa
- Design for high temperature molten salts
- Design with steam jacket

### ●Industries:

- Oil refining
- Petrochemical industry
- Chemical industry
- Power stations
- General industry

### ●Performances:

- Capacity : up to 250 m<sup>3</sup>/h or 1,100 USGPM
- Total head : up to 250 m or 820 ft
- Maximum operating pressure up to 25 bar or 362 PSI
- 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

