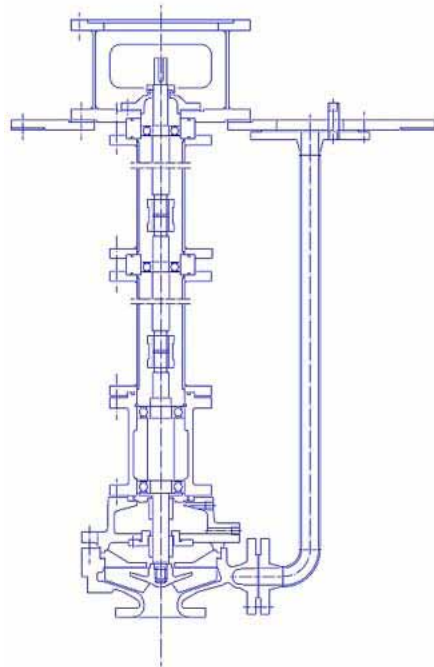


VL

## SINGLE STAGE VERTICAL PUMP

For contaminated, toxic, corrosive, liquids

**ESI** Ensival Moret  
A Moret Industries Company



### ●Construction:

- Designed to adapt hydraulic units of various pumps-lines
- Suitable for all types of liquids
- Variable length with intermediate bearings
- Dry shaft line protected against product
- Shaft line bearings grease lubricated (<100°C) or oil lubricated (>100°C)
- Lateral discharge separate from shaft line
- Stainless steel pump shaft
- Shaft sealing at back of the impeller with two tandem-mounted mechanical seals

### ●Standard materials:

- Grey cast iron, hard cast iron, chromium cast iron
- Austenitic or duplex stainless steel various grades
- Special materials upon request

### ●Optional constructions:

- All applications using the hydraulic unit of a horizontal pump fitted to a sealed vertical column.

### ●Industries:

- Chemical Industry
- Petrochemical Industry
- Oil refineries (offsite)
- Iron and steel
- Sugar industry
- Pulp and paper industry
- Various industries

### ●Performances:

- Capacity : up to 3,300 m<sup>3</sup>/h or 14,500 USGPM
- Total head : up to 150 m or 500 ft
- Maximum operating pressure up to 20 bar or 290 PSI
- Temperature operating range : up to 150°C or 300°F
- Maximum speed : 3,000 rpm according to size

