



- Maximum abrasion and corrosion resistance
- High reliability and durability
- High interchangeability

Slurry pump type Ensival Moret PLR and CR

Design

- Specially designed to handle slurries with a high level of very abrasive solids
- Grease-lubricated double tapered roller bearings for V-belt transmission or for direct drive
- Adjustable discharge nozzle position
- Closed type impeller screwed on shaft with front and back relief vanes
- Wear plate fitted on the back of the impeller
- Large clearances preventing wear
- Shaft seal by packing, special slurry mechanical seal or dynamic seal with expeller

Additional design

- Vortex impeller, semi-open impeller, dynamic seal ("packing expeller")
- Special design with heating/cooling chamber
- Special design for froth pumping applications
- Special design for vertical mounting

Standard materials

- PLR pump is designed to be manufactured from special materials with a high hardness level thus affording the best anti-abrasion characteristics.
- CR pump is available in duplex or other corrosion-resistant alloys to pump aggressive slurries.

Materials

Pump type	Material
PLR	ASTM A532 IIIA
	30% Cr + Mo cast iron
	38% Cr cast iron
CR	ASTM A890 1B
	ASTM A743 CN7M

Other materials upon request.

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Oil and gas



Hydrocarbon processing



Power generation



Pulp, paper and board



General industry



Chemical process industry



Water and wastewater

Operating data

50 Hz		60 Hz
up to 3'500 m ³ /h	Capacities	up to 15'400 USgpm
up to 130 m	Heads	up to 430 ft
up to 50 bar	Pressures	up to 735 psi
up to 150°C	Temperatures	up to 300°F
up to 3'000 rpm	Maximum speed of rotation	up to 3'600 rpm

Higher capacities and heads upon request.

Performance range

