

Heavy-duty cantilever sump pump type Ensival Moret VAP

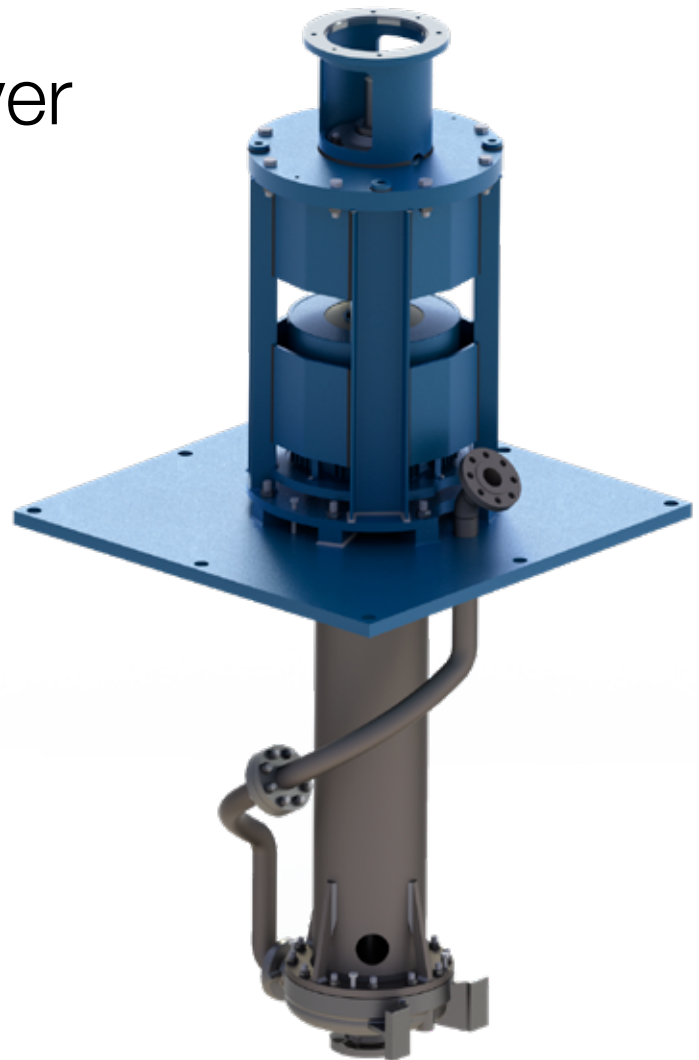
The VAP pump range has been designed for heavy-duty applications. Due to its great adaptability through a wide range of hydraulics, design and materials, the VAP pump is perfectly suitable for severe industrial applications.

Design

- Heavy-duty construction
- All types of hydraulics available:
open, semi-open or vortex impellers
- No sealing required
- No intermediate bearing
- Dry running allowed
- Discharge separate from the shaftline
- Bearing assembly is sealed to prevent contamination by liquids or gases
- Special design for high-temperature applications

Applications

- Highly corrosive, abrasive, encrusting liquid and slurry
- High-temperature pumping
- Molten metal pumping



Oil and gas



Hydrocarbon processing



Power generation



Pulp, paper and board



General industry



Chemical process industry



Water and wastewater

Materials

Application	Hydraulic	Material
Abrasive liquid	Open, semi-open, recessed impeller	Wear-resistant chromium cast iron
Corrosive liquid	Open, semi-open, recessed impeller	Austenitic, super austenitic, duplex or super duplex stainless steel
High temperature	Open, semi-open impeller	Cast iron, high-temperature carbon steel, special stainless steel

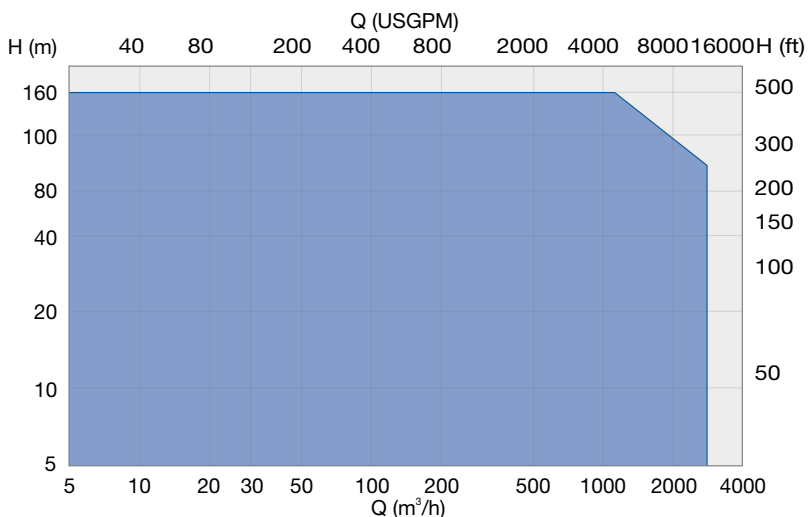
Special alloys available upon request



Operating data

	50 Hz	60 Hz
Capacities	up to 3'500 m ³ /h	up to 15'400 USgpm
Heads	up to 150 m	up to 500 ft.
Pressures	up to 20 bar	up to 290 psi
Temperatures	up to 900°C	up to 1'652°F
Maximum speed of rotation	up to 1'500 rpm	up to 1'800 rpm

Performance range



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