

VM vertically suspended sump pump

The VM pump range has been designed for pumping all kinds of contaminated liquids. Due to its great adaptability through a wide range of designs and hydraulics, the VM pump is perfectly suitable for all industrial applications.

Design

- Simple and robust design
- All types of hydraulics available: open, semi-open, closed or vortex impellers
- Modular lineshaft construction with submerged bush bearings (up to 6 m / 20 ft long)
- No sealing required for clear liquid
- Single or dual seal design for contaminated liquids
- Discharge separate from the shaftline
- Bearing design available for V-belt drive

Applications

- Clear and contaminated sump
- Corrosive, encrusting liquid and slurry



Oil and gas



Hydrocarbon processing



Power generation



Pulp, paper and board



General industry



Chemical process industry



Water and wastewater

Materials

Hydraulics	Impeller	Hydraulic material	Pump construction
EMTECH	Open, closed	Cast iron, austenitic or duplex stainless steel	Carbon steel, austenitic or duplex stainless steel
PLR	Closed wear-resistant, recessed, semi-open	Wear-resistant chromium cast iron	Carbon steel, austenitic or duplex stainless steel
CR	Closed wear-resistant, recessed, semi-open	Austenitic and duplex stainless steel	Austenitic or duplex stainless steel
EMW-M	Closed wear-resistant	Wear-resistant chromium cast iron	Austenitic or duplex stainless steel
EMW-R	Closed wear-resistant	Rubber-lined	Carbon steel (rubber-coated discharge pipe)

Wider range of materials available upon request.

Operating data

	50 Hz	60 Hz
Capacities	up to 1'500 m ³ /h	up to 6'600 USgpm
Heads	up to 100 m	up to 330 ft.
Pressures	up to 20 bar	up to 290 psi
Temperatures	up to 120°C	up to 250°F
Maximum speed of rotation	up to 1'500 rpm	up to 1'800 rpm

Longer shaft, higher capacities and heads available available upon request.

Performance range

