

VM vertically suspended sump pump

Sulzer's VM pumps offer high performance and durability. The advanced design combined with a wide range of materials make the pumps more reliable while increasing operational efficiency.

Key benefits

- High hydraulic selection versatility
- Extensive material availability
- High reliability and durability
- Ease of assembly and maintenance

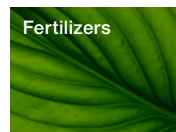
Applications

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

- Industrial water
- Effluents
- Corrosive and abrasive mixtures
- Hazardous fluids
- Abrasive liquids and/or liquids containing large solids
- Abrasive fibrous slurries and/or fibrous slurries containing large solids
- Abrasive non-fibrous slurries and/or non-fibrous slurries containing large solids



Pulp, paper and board



Fertilizers



Mining and metals



Chemical process industry



Water and wastewater



Power generation



Oil and gas



General industry

Materials

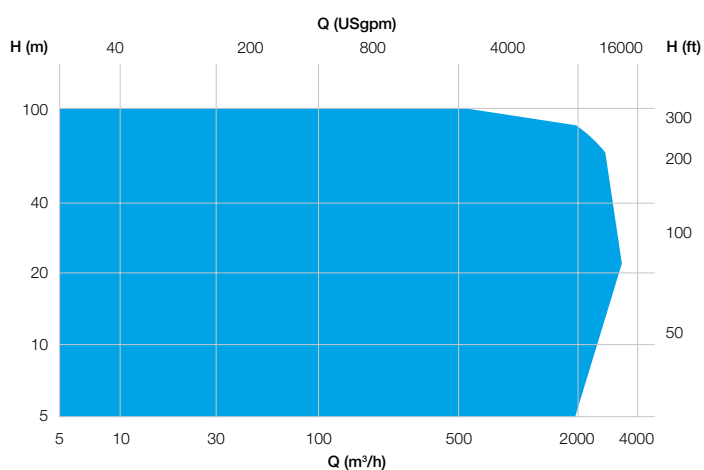
Material	Sulzer code	Specification	Hydraulics
Cast iron	53/F25	ASTM A48 Class 35 B	AHLSTAR NPP, EMTECH
Ductile cast iron	5H	ASTM A395 Grade 60-40-18	AHLSTAR A
Martensitic cast steel	4E/PH1	ASTM A747 type CB7Cu-2 (H900)	AHLSTAR A/WPP, EMTECH
Austenitic stainless steel	43 4U	ASTM A743 Grade CN-7M Avesta 654SMO (S32654)	EMTECH, PLR AHLSTAR A/NPP/WPP
Duplex stainless steel	41 4L/U55 4T/P5M	ASTM A890 Grade 3A ASTM A890 Grade 1B ASTM A890 Grade 5A	AHLSTAR A/NPP/WPP AHLSTAR A/NPP/WPP, EMTECH, PLR AHLSTAR A/NPP/WPP, EMTECH, PLR
Wear-resistant chromium iron	5B/EXR CRM FC1	ASTM A532 IIIA Gx100CrMo30-2 Gx160CrNiMo38-5-2	AHLSTAR WPP, PLR, EMW-M PLR, EMW-M PLR, EMW-M
Rubber-lined	NBR	Natural rubber	EMW-R

Operating data

Capacities	Heads	Pressures	Temperatures	Maximum speed of rotation	Length*
up to 3'500 m ³ /h	up to 100 m	up to 20 bar	up to 120°C	up to 3'000 rpm	up to 6 m
up to 15'500 USgpm	up to 330 ft.	up to 290 psi	up to 250°F	up to 3'000 rpm	up to 20 ft.

* From baseplate to volute suction flange (depends on operating parameters)

Performance range



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