

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.

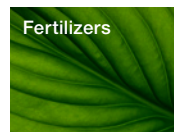
Key benefits

- 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



Materials

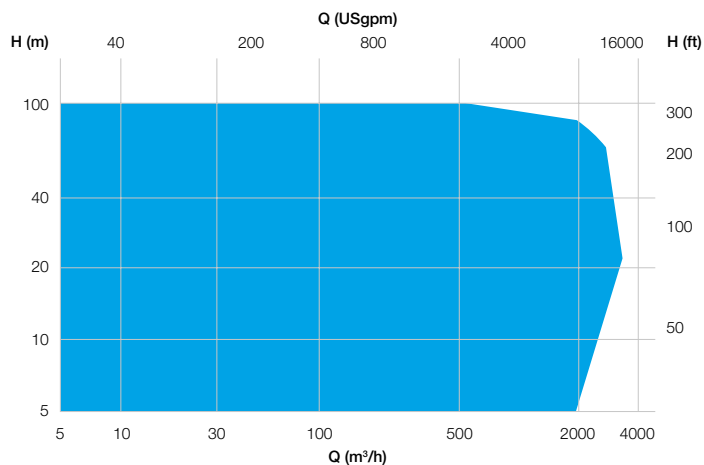
Material	Sulzer code	Specification	Hydraulics
Cast iron	53/F25	ASTM A48 Class 35 B	AHLSTAR NPP, EMTECH
Ductile cast iron	5H	ASTM A395 Grade 60-40-18	AHLSTAR A
Martensitic cast steel	4E/PH1	ASTM A747 type CB7Cu-2 (H900)	AHLSTAR A/WPP, EMTECH
Austenitic stainless steel	43 4U	ASTM A743 Grade CN-7M Avesta 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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