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Технические характеристики на вертикальные турбинные насосы серии VMF компании **SEP Pumps and Motors**

VMF

Serisi / Series

VMF Serisi Dikmilli Kolonlu Pompalar

VMF Series Vertical Turbine Pumps



Application Fields

- Seawater intake
- Cooling water
- Raw water intake
- Industrial process pumps
- Condenser circulating water pumps
- Utility circulating water
- Fire fighting
- Reinjection applications (Geothermal)

Operating Limits

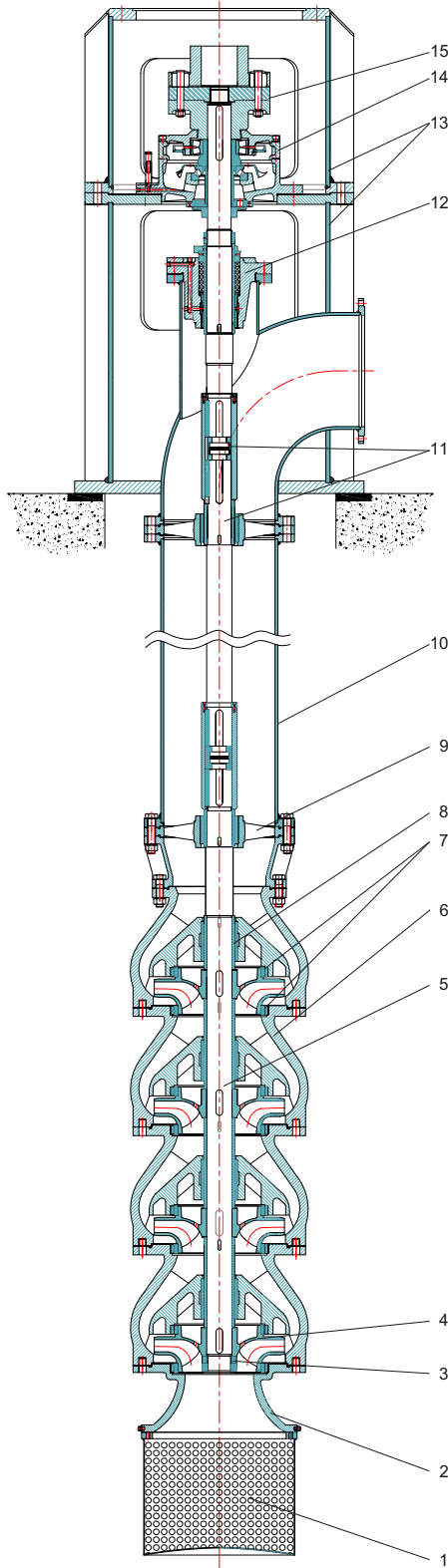
Capacity (Q)	: up to 4000 m ³ /h
Head (Hm)	: up to 380 mWc
Operating Temperature (T)	: up to 80 °C

Design

- SEP VMF series pumps are vertical shaft, single or multistage pumps with radial or mixed-flow enclosed impellers. They are designed for high pressure applications.
- They cover a wide range of constructional solutions and wide range of hydraulic conditions to meet virtually every pumping service with optimum efficiency.
- Various bearing materials are available. Dual wear rings for impellers and bowls make the pump to service much safer and longer.
- The bowl assembly is the most important part of the SEP VMF series pumps. The impeller and diffuser type casing are designed to deliver the head and capacity that your system requires in the most efficient way possible. The fact that the SEP VMF pumps can be multistage allows maximum flexibility both in the initial pump selection and in the event that future system modifications require a change in the pump rating. Submerged impellers allow pump to be started without priming.
- A variety material options allows the selection of a pump best suited for even the most severe services. The various bowl assembly options available assure that the SEP VMF pumps satisfy the user's need for safe, efficient, reliable and maintenance-free operation.

Kodlama / Designation





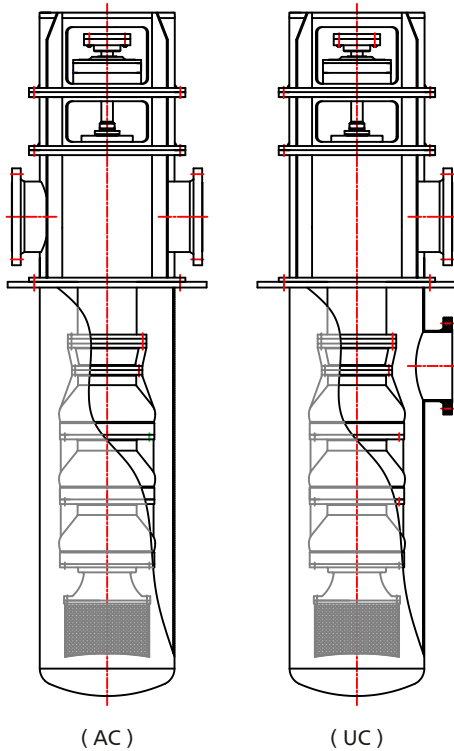
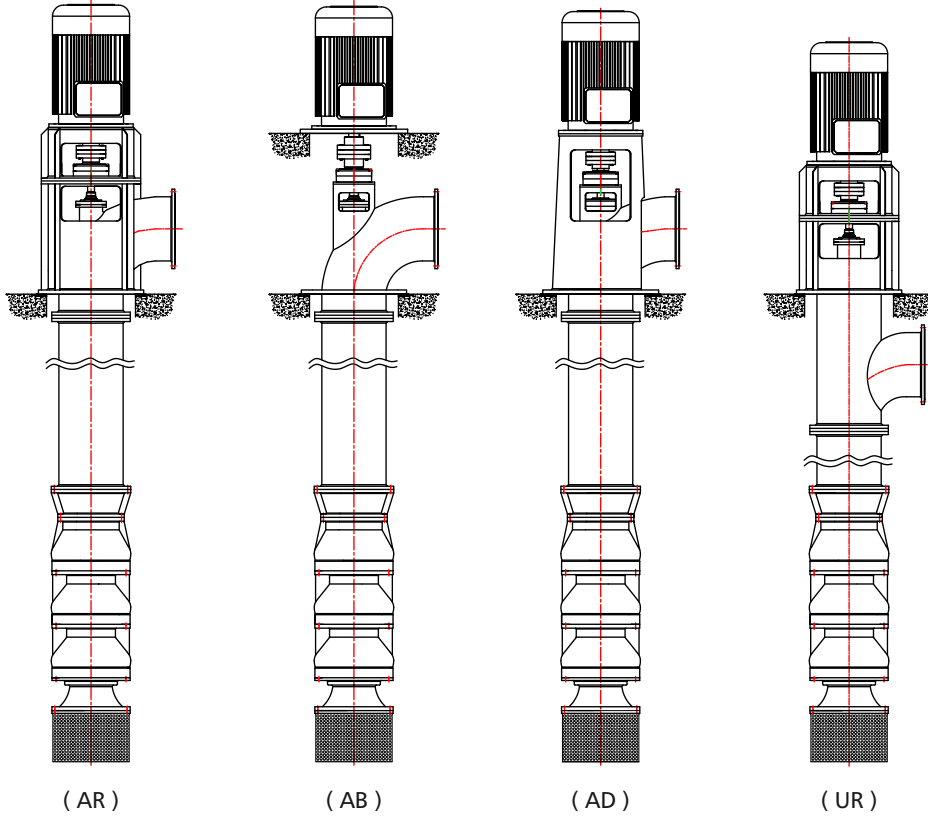
Genel Yapısal Özellikler

1. Emiş Süzgeci
2. Emme Lülesi
3. Çark Somunu
4. Çark
5. Pompa Mili
6. Difüzörlü Çanak
7. Aşınma Bilezikleri
8. Burç Tip Yataklama
9. Bearing Retainer and Lineshaft Bearing
10. Flanşlı Kolon Borusu
11. Mil ve Kaplin
12. Salmastra Kutusu
13. Akıtma Başlığı ve Motor Tutucu
14. Trust Yatak Sistemi
15. Motor-Pompa Kaplini

General Construction Features

1. Strainers
2. Suction Bell
3. Impeller Nut
4. Impeller
5. Pump Shaft
6. Diffuser Bowl
7. Wear Rings
8. Sleeve Type Bearing
9. Bearing Retainer and Lineshaft Bearing
10. Flanged Column
11. Lineshaft and Coupling
12. Packing Box
13. Discharge Head and Motor Riser
14. Thrust Bearing Assembly Set
15. Coupling for Pump and Motor

Montaj Şekilleri / Types Of Installation



(AR) Basma yukarıda, sürücü taşıyıcıyla
 (AB) Basma yukarıda, sürücü beton kaideyle
 (AD) Basma yukarıda, sürücü akıtma başlığıyla
 (UR) Basma aşağıda, sürücü taşıyıcıyla

(AR) Discharge elbow above ground and driver is supported by riser.
 (AB) Discharge elbow above ground and driver is supported by concrete base.
 (AD) Discharge elbow above ground and driver is supported by discharge head.
 (UR) Discharge elbow under ground and driver is supported by riser.

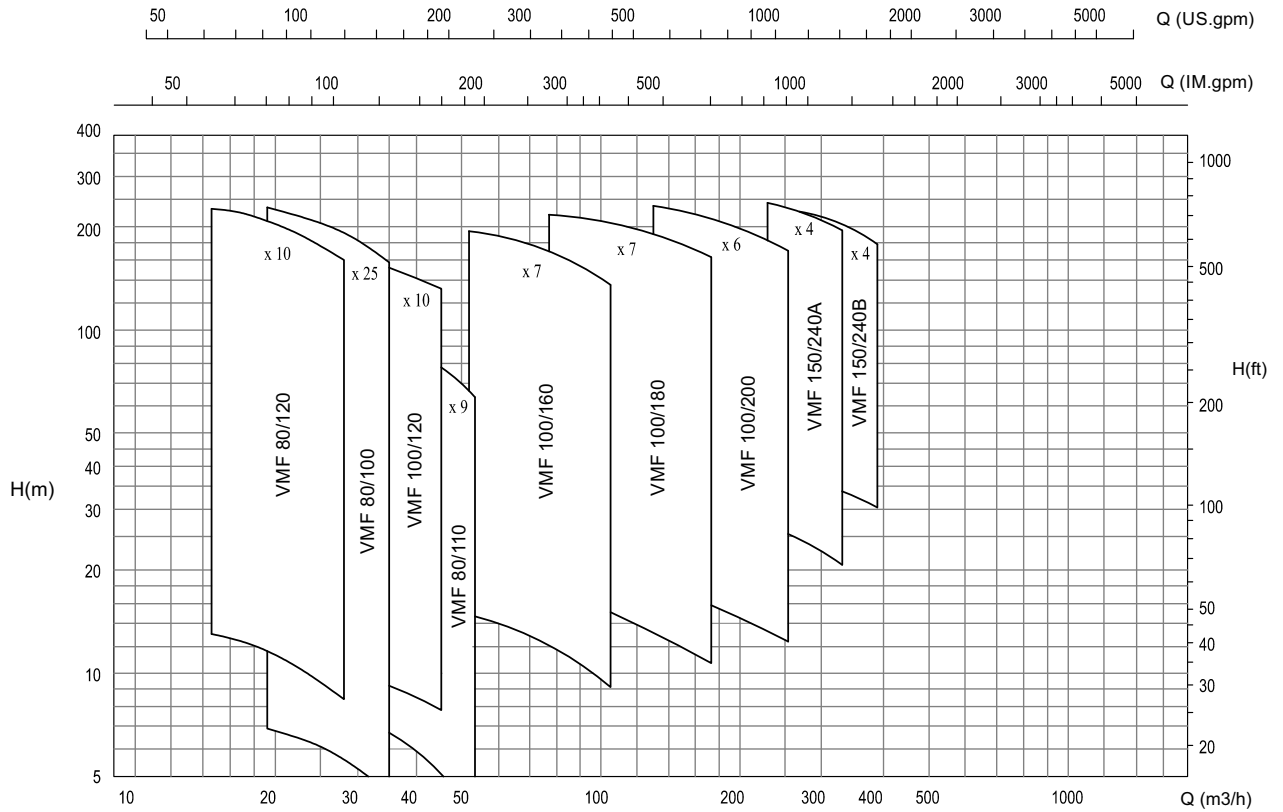
(AC) ve (UC) şekilleri pompayı emme tüpüyle göstermektedir.

(AC) and (UC) figures shows the pump with suction barrel (can).

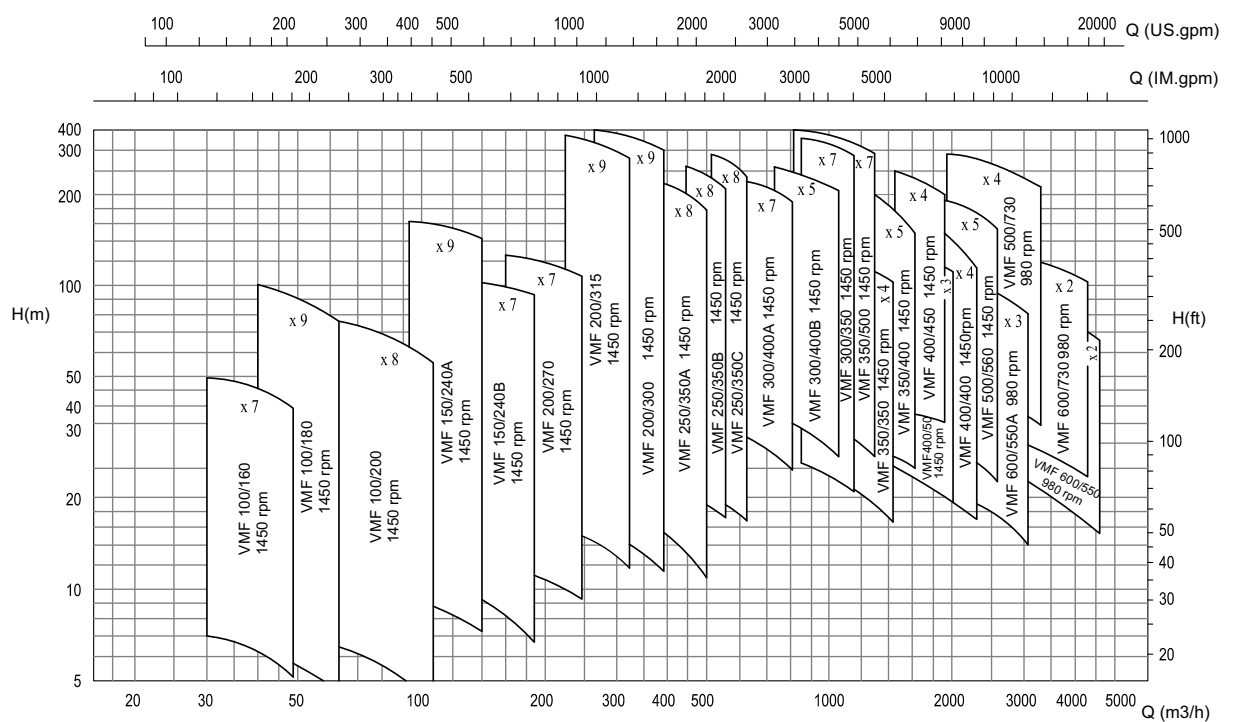
VMF Performans Tabloları

VMF Performance Charts

50 Hz - 2950 rpm



1450 rpm-980 rpm (50 Hz)



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