

HMS



HMS Serisi / Series

HMS Serisi Yüksek Basıncılı Kademeli Pompalar

HMS Series High Pressure Multistage Pumps

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Uygulama Alanları

- Genel su temini ve dağıtımı
 - Basınçlandırma
- Sulama/Yağmurlama sistemleri
 - Isıtma sistemleri
- Kazan besisi suyu sirkülasyonu
 - Filtre sistemleri
 - Solventler
- Yangın söndürme sistemleri
 - Ters osmos sistemleri
 - Enerji santralleri
 - Kondens suyu

Application Fields

- General Water Supply Systems
- Pressurising
- Irrigation & Spring Systems
- Heating Systems
- Boiler Feeding & Hot Water & Circulation
- Filter Systems
- Solvents
- Fire Fighting Systems
- Reverse Osmosis
- Energy Plants
- Condense Water

Kullanım Aralığı

Debi (Q)	:	850 m ³ /h' e kadar
Manometrik Yükseklik (Hm)	:	630 mSS' na kadar
Çalışma Sıcaklığı (t)	:	-10 °C 'den +120 °C 'a kadar
Çalışma Basıncı (Pmax)	:	26 ile 63 Bar arası

Operating Limits

Capacity (Q)	:	up to 850 m ³ /h
Manometric Height (Hm)	:	up to 630 mWc
Operating Temperature (t)	:	from -10°C to +120°C
Operating Pressure (Pmax)	:	26 - 63 Bar (Standard)

Yapısal Tasarım

HMS serisi pompalar; yatay millî, difüzörlü, sıra kademeli, radyal akışlı pompalardır. 6 tip pompayı ihtiva eden geniş bir hidrolik alana sahiptirler.

HMS serisi pompalar milin iki ucundan yataklı ve eksenel itmesi tambur ile dengelenen yüksek basınçlarda emniyetle çalışan, kazan besisi pompalarına eş dizaynli ağır hizmet pompalarıdır.

HMS serisi pompalar genellikle gres yağlı yataklama düzeninde üretilirler. İstek halinde sıvı yağlı yataklama, uçtan emişli halde emme tarafında kaymalı yataklar kullanılmaktadır.

HMS serisi pompalarda mil sızdırmazlığı krom kaplamalı burçlar üzerinde çalışan yumuşak örgülü salmastralarla sağlanmaktadır, özel haller için soğutma donanımlı yumuşak/mekanik salmastra uygulamaları da yapılmaktadır.

HMS serisi pompalarda kademeler arası geçişlerde kaçak debinin kontrolü amacıyla yıpranma halkaları kullanılmaktadır.

Design

SEP HMS series pumps are horizontal, multistage pumps with radial impellers. They cover wide hydraulic range by its 6 different types.

Shaft is supported with heavy-duty bearings by two sides. They are designed with a drum to balance axial forces. Wear rings are used in between the stages to control the increasing leakage due to wear.

The sealing is made by packings on chromium coated bushings. A shaft sleeve is used to protect the shaft from wearing. Mechanical seals are also used on demand and/or due to the operational requirements.

Bearings are grease lubricated. Oil lubricated bearings are optional.

SEP HMS series pumps have similar constructional features of "boiler feed pumps" with their rigid and strong construction.

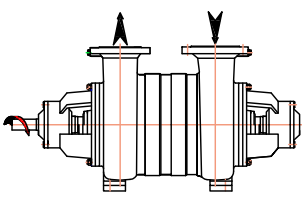
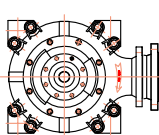
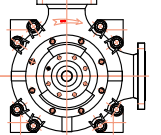
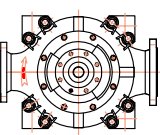
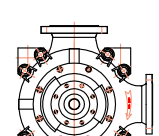
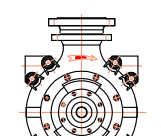
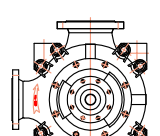
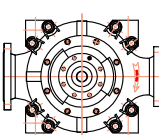
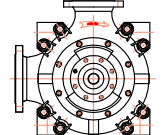
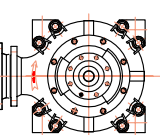
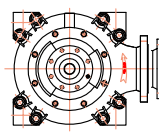
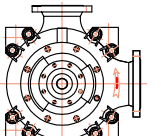
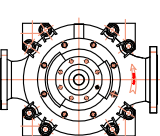
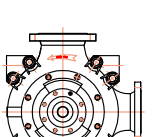
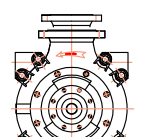
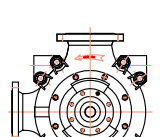
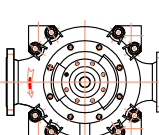
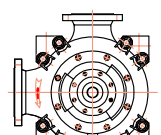
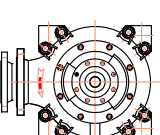
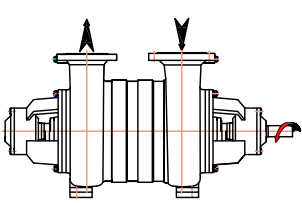
Kodlama / Designation

HMS 100 x 4



Dönüş Yönü Ve Emme/Basma Flaş Kombinasyonları

Orientation Combinations of Suction&Discharge Flanges

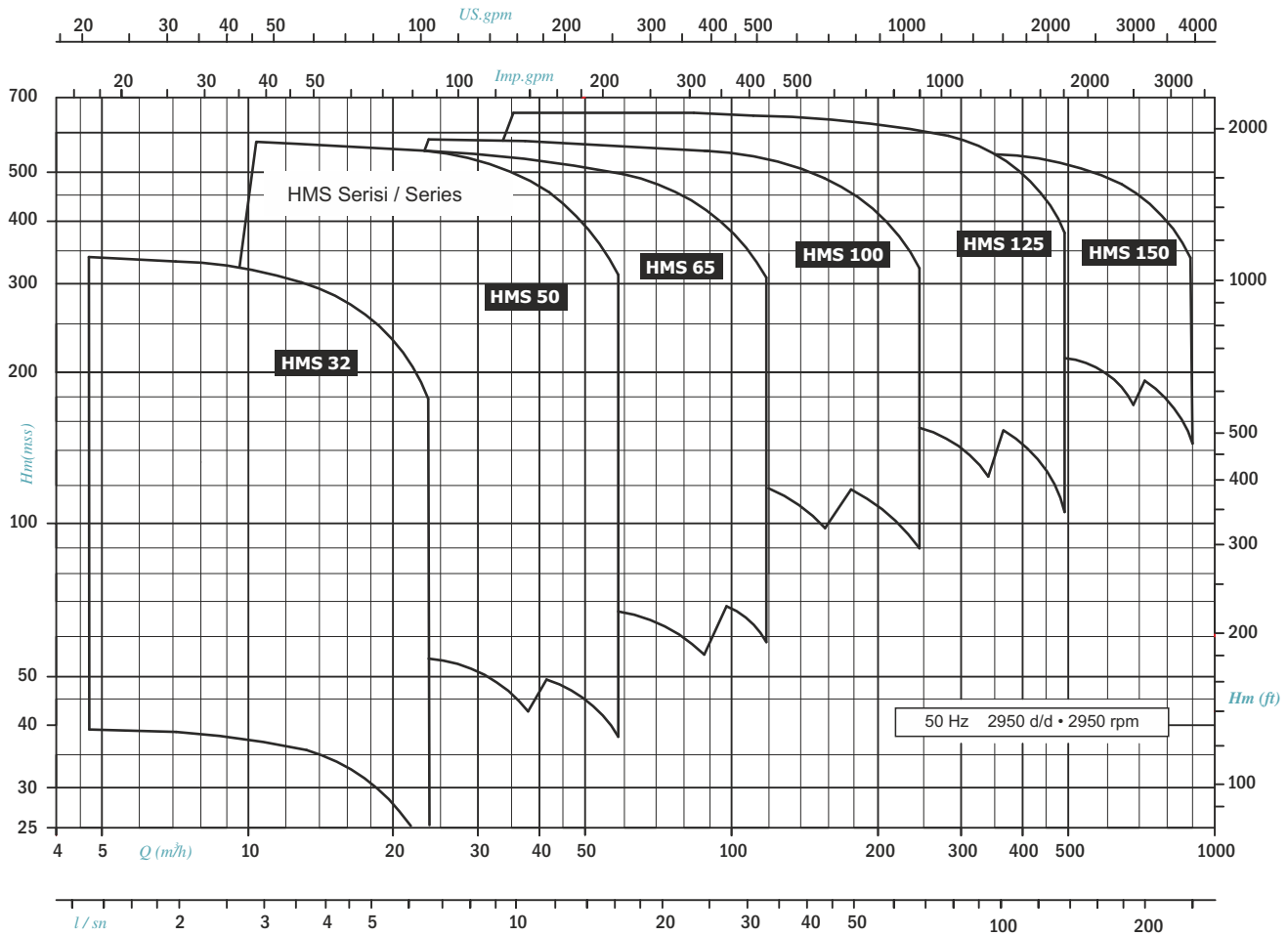
MİL UCU (MOTOR) TARAFINDAN BAKILDIĞINDA VIEWED FROM DRIVING END (MOTOR)	BASMA FLANŞI / DISCHARGE FLANGE				
	SAĞDA / ON RIGHT [3]	ÜSTTE / ON TOP [0]	SOLDA / ON LEFT [9]		
 <p>SAĞ DÖNÜŞLÜ Saat Yönü CLOCKWISE ROTATION</p> <p>R</p>	EMME FLANŞI / SUCTION FLANGE	SAĞDA / ON RIGHT [3]	 R 3-3	 R 3-0	 R 3-9
		ÜSTTE / ON TOP [0]	 R 0-3	 R 0-0	 R 0-9
		SOLDA / ON LEFT [9]	 R 9-3	 R 9-0	 R 9-9
		SAĞDA / ON RIGHT [3]	 L 3-3	 L 3-0	 L 3-9
		ÜSTTE / ON TOP [0]	 L 0-3	 L 0-0	 L 0-9
		SOLDA / ON LEFT [9]	 L 9-3	 L 9-0	 L 9-9
 <p>SOL DÖNÜŞLÜ Saatin Tersi Yönünde COUNTERCLOCKWISE ROTATION</p> <p>L</p>					

Emme/Basma flaşlarının pozisyonu sipariş sırasında firmamıza bildirilmelidir.

Position of suction & discharge flanges must be given to the SEP during order by the user.

HMS Performans Tabloları

HMS Performance Charts



The background of the page is a black and white photograph of industrial machinery, likely pumps or valves, with a teal diagonal line cutting across it. The machinery is complex, with various pipes, flanges, and a large handwheel. A person's legs and feet are visible in the upper right corner, suggesting a factory or workshop setting.

SEP®

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