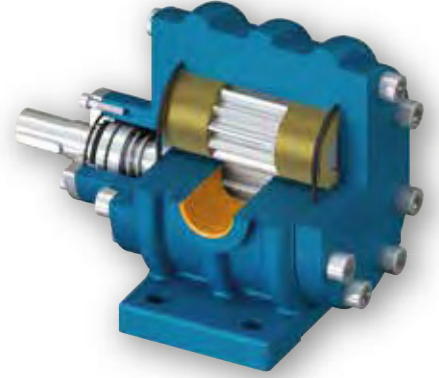




YILDIZ POMPA

Makina Sanayi Ticaret Limited Şirketi



MODÜL DiŞLİ POMPALAR MODULAR GEAR PUMPS



CE Ex II ½ G ck II C T4

Türkiye'de Kalite ve Güvenin Sembolü

www.yildizpompa.com.tr

KULLANIM ALANLARI & MALZEME ÖZELLİKLERİ

USE AREA & MATERIAL PROPERTIES

KULLANIM ALANLARI

- Fuel Oil Servis Tankları, Gaz Yağı, Mazot Tankerlerinde
- Küçük çapta kızgın yağ sirkülasyonlarında
- Endüstrinin yarı viskoz mayilerinin pompaj işlemlerinde.
- Boya Sanayinde
- Gemi Sektörü

USE AREA

- Fuel Oil Service Tanks, Gas Oil, Diesel-fuel Tanks.
- On a small scale hot oil circulations
- Half viscose liquids of industry are on pumping process
- Dye Industry
- Ship Sector

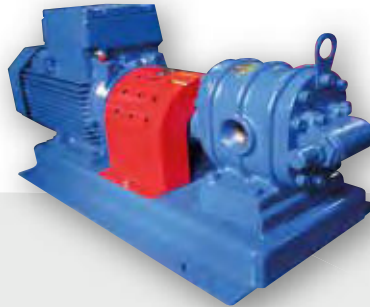
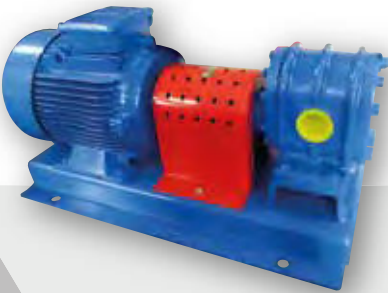


MALZEME ÖZELLİKLERİ

- Pompa Gövdesi ve Kapaklar : Dökme (pik) demir, çelik döküm, paslanmaz AISI 304 / 316 döküm, sfero döküm
- Dişliler: Çelik, paslanmaz çelik AISI 304 / AISI 316
- Yataklar : Snbz 12 bronz, rulman, karbon grafit, ina burc
- Sızdırmazlık: Yumuşak salmastra, mekanik salmastra, keçe

MATERIAL PROPERTIES

- Pump Body and covers: Cast iron, steel cast, stainless AISI 304 / 316 cast.
- Gears: Steel, stainless steel AISI 304 / AISI 316.
- Bearings: Snbz 12 bronze, bearing, carbon graphite, Ina bushing bearing.
- Sealing: Soft seal, mechanical seal, lip seal

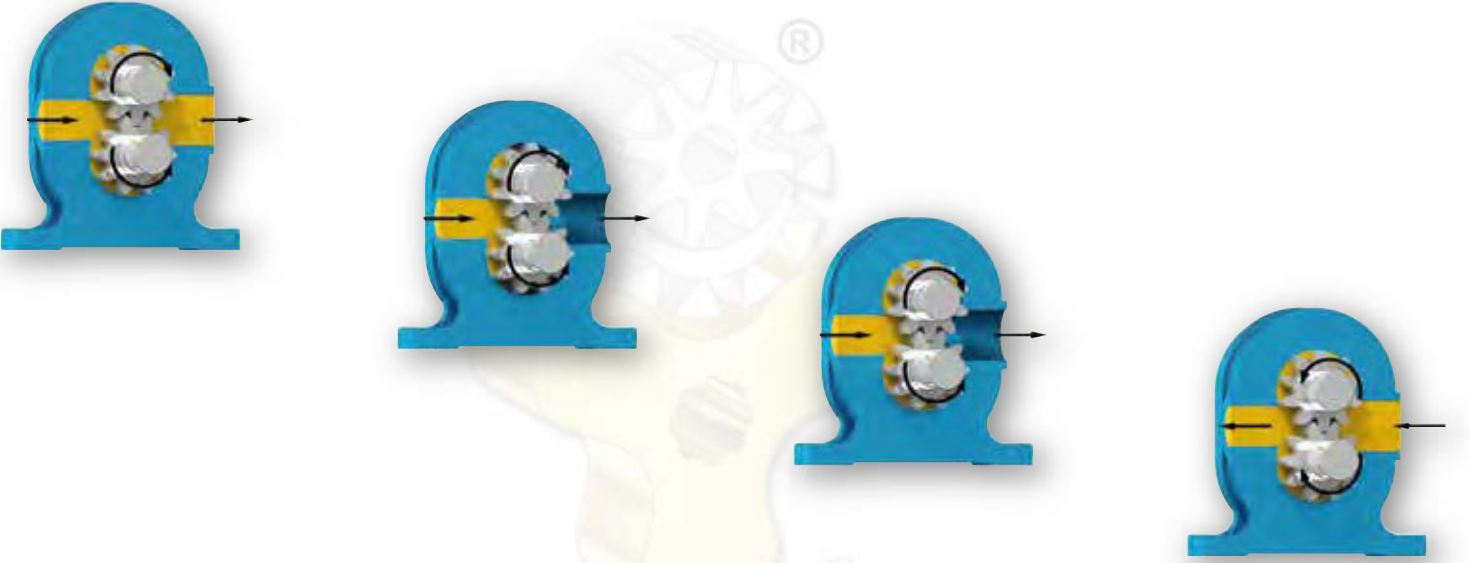


ÇALIŞMA PRENSİBİ

WORKING PRINCIPLE

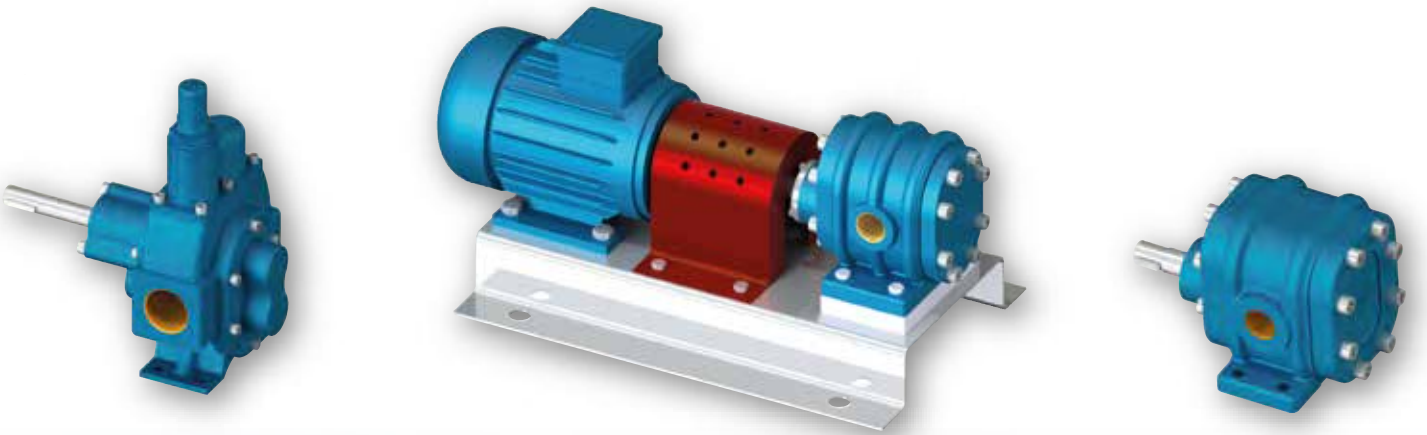
YMD serisi pompalar yatay milli, 180° giriş çıkışlı, modül dişli pompalardır. İki tane hareketli aynı çeviren ve çevrilen dişlisi bulunmaktadır. Pompa mili, motordan almış olduğu dairesel hareketi, mil üzerindeki dişli (çeviren) ile, diğer dişliye (çevrilen) ters yönde iletir. Dişliler birbirinden ayrılırken, dişlilerin arasına sıvı dolar. Bu sıvı, dönme hareketi ile basma bölgesine taşınarak, dişliler iç içe girerken basma kanalına atılır.

Sıvının viskozitesine bağlı olarak 30 Bar'a kadar basınç elde edilir. Korozif (Aşındırıcı) ve az hacimli akışkanın hızlı bir şekilde transfer edilmesini sağlar. Kompakt oldukları için güvenilirlik sunmaktadırlar.



Pumps in **YMD** Series are with horizontal shaft, 180° port position, and have two external modular gears. Pump shaft transmits circular movement with its own gear (driving) to the other gear (driven) in opposite rotation direction. During suction, liquid fills gaps between gears' teeth. While in discharge, due to meshing between teeth of both gears rotation forces the liquid outside of outlet port.

30 Bar pressure could be generated depending on viscosity of the liquid. Corrosive and low volumes could be transferred in short time. Reliability is provided thanks to pumps compact design.

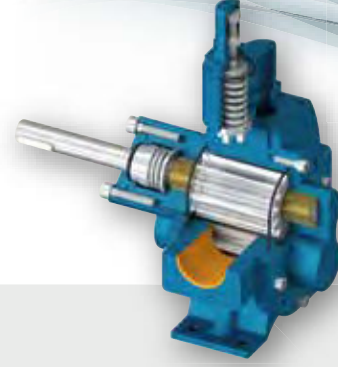


POMPA MONTAJ ÇEŞİTLERİ

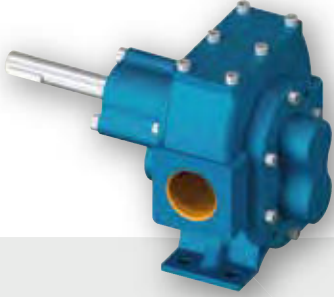
PUMP MOUNTING TYPES



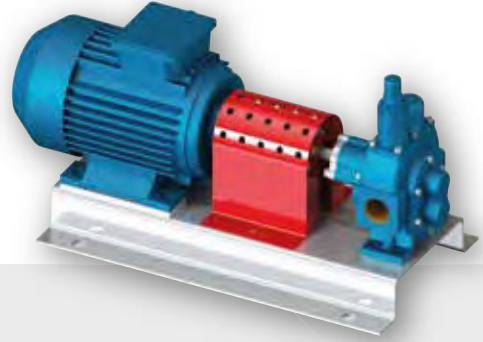
Ceketli Pompa
Jacketed Pump



Bypasslı Pompa
Pump with Pressure Relief Valve on Casing



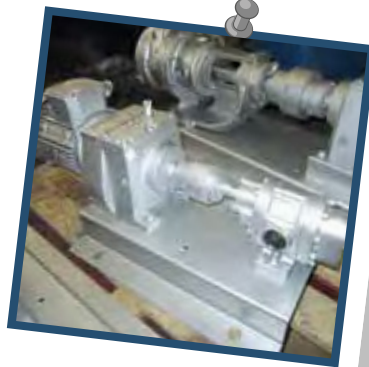
Kör Kapaklı Pompa
Pump with Blind Cover



Redüktör Akupleli
Gearbox Coupling Pump

SEVKİYATA HAZIR POMPALARIMIZ

READY TO SHIP PUMPS



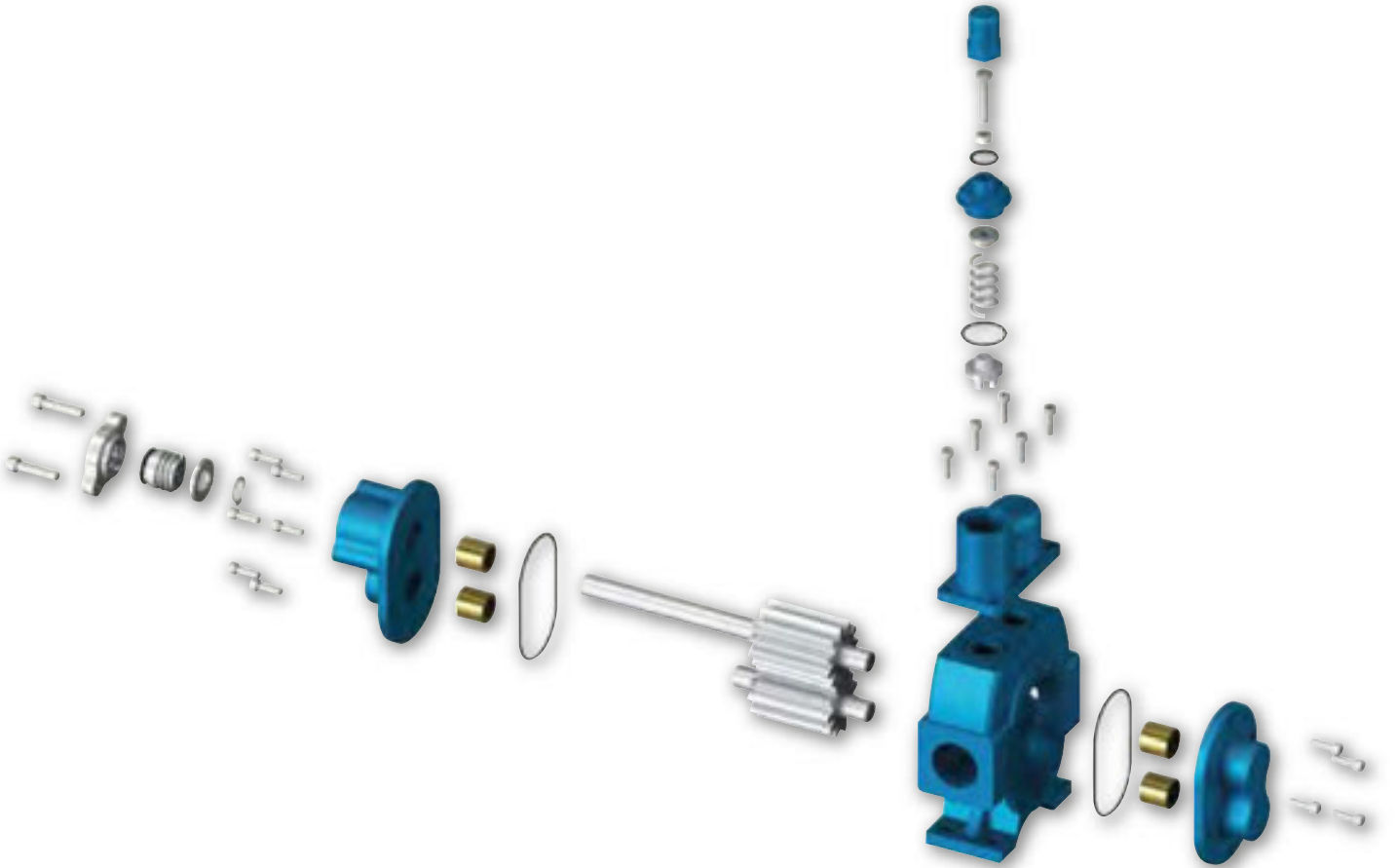
POMPA ÖZELLİKLERİ

PUMP SPECIFICATIONS

Pompa Kodu Pump Code	Pompa Debisi Pump Flow m ³ /h	Basınç Pressure Bar	Viskozite Viscosity cst	Hız Speed rpm	Max. Sıcaklık Max. Temperature °C
YMD ¾	1,4	30	10 - 550	1500	100
YMD 1	2,5	30	10 - 550	1500	100
YMD 1½	7,7	30	10 - 550	1500	100
YMDY 1	3	12	10 - 550	1500	70
YMDY 2	7	12	10 - 550	1500	70

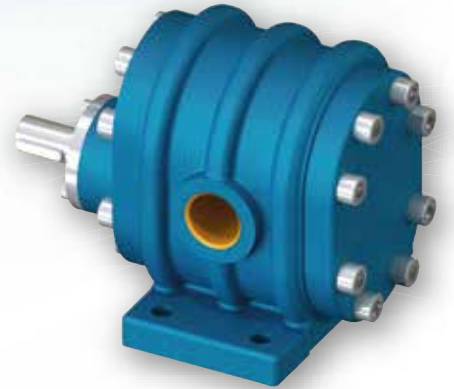
POMPA DETAYLARI

PUMP DETAILS





www.yildizpompa.com.tr



YILDIZ POMPA
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