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Технические характеристики на канализационные и дренажные насосы серии GSP компании **SEP Pumps and Motors**

GSP

Serisi / Series

GSP Serisi Çamur Kanalizasyon Pompaları

GSP Series Sewage and Drainage Pumps

Application Fields

- Pumping of Domestic and Industrial Water with Solid particles
- Waste Water Treatment Plants
- Rain Water Drainage
- Every Kind of Drainage and Dewatering Applications

Operating Limits

Capacity (Q) : up to 3000 m³/h
Manometric Height (Hm) : up to 90 mWc
Operating Temperature (t) : from -20°C to +140°C
Operating pressure (Pmax) : 16 Bar

Design

SEP GSP series pumps are vertical or horizontal shaft, single stage end suction volute casing pumps.

SEP GSP series pumps are manufactured as 32 different types and according to the pumped fluid they are equipped with; Single blade/ double blade, anti clog, vortex and screw type impellers.

SEP GSP series sewage and drainage pumps offer solutions to many applications with the combination of 32 different type hydraulic groups and drive units.

- Horizontal shaft with coupling
- Horizontal shaft monoblock
- Vertical shaft with coupling hanging on motor
- Vertical shaft monoblock
- Vertical with universal shaft
- Vertical shaft with column pipe
- Horizontal shaft with submersible motor
- Vertical shaft with submersible motor

• SEP GSP series sewage and drainage pumps have also different constructions for the bearing and sealing systems according to the application conditions.



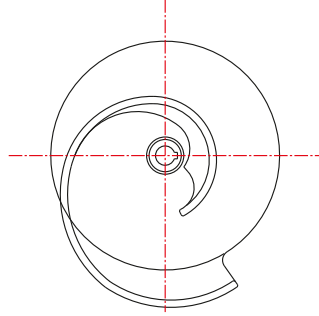
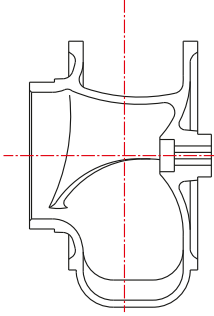
Kodlama / Designation

GSP 150/400 - D. (xx).

- Uygulama Tipi / Application type
- Çark Tipi / Impeller type
- Çark Anma Ölçüsü / Impeller nominal diameter
- Basma Ağız Anma Ölçüsü / Outlet Flange nominal diameter
- Seri Adı / Serie Name

Uygulanabilir Çark Tipleri

Applicable Impeller Types

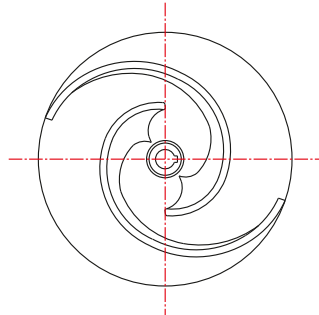
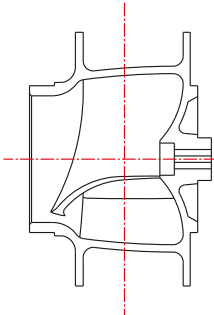
S Tip
S Type

Tek kanatlı tıkanmaz çark

- Katı parça ihtiva eden sular
- Yağmur suyu drenajı
- Ham/Arıtılmış kanalizasyon suyu
- Yüksek oranda çamurlu su
- Yüksek debi

Single vane, non-clogging impeller

- Water with solid particles
- Rain water drainage
- Raw/processed sewage water
- High density muddy water
- High Capacity

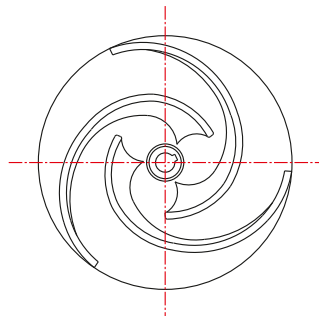
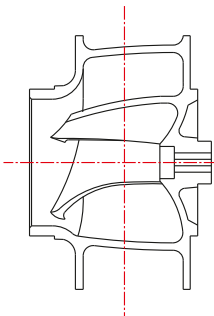
D Tip
D Type

İki kanatlı simetrik çark

- Lif ve elyaf içermeyen
- Sınırlı boyutlarda katı parça ihtiva eden sular,
- Yağmur suyu drenajı,
- Ham/Arıtılmış kanalizasyon suyu
- Çamurlu ve kumlu su
- Dik Hm-Q karakteristiği

Double vane, symmetric impeller

- No fiber,
- but limited dimension solid particles,
- Rain water drainage
- Raw/processed sewage water
- Muddy and sandy water
- With ramp Hm- Q characteristic

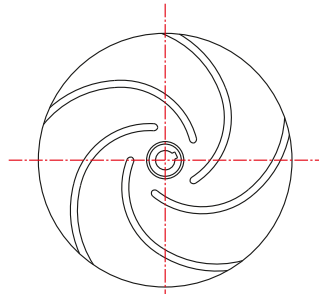
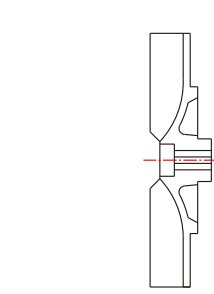
T Tip
T Type

Üç kanatlı çark

- Lif ve Elyaf içermeyen
- Küçük boyutlarda katı parça ihtiva eden sular,
- Yağmur suyu drenajı,
- Ham/Arıtılmış kanalizasyon suyu
- Çamurlu ve kumlu su
- Yatık Hm-Q karakteristiği ile yüksek Hm

Three Vane Impeller

- Without any fiber inside
- Water including small dimension solid particles
- Rain water drainage
- Raw/processed sewage water
- Muddy and sandy water
- High monometric head and aslope
- Hm - Q characteristic

V Tip
V Type

Tıkanmaz tip vorteks çark

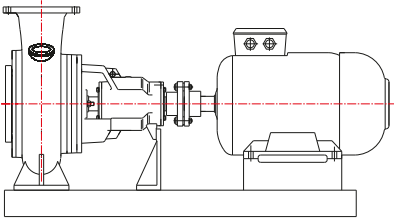
- Lif, elyaf ve katı parça ihtiva eden sular,
- Yağmur suyu drenajı,
- Ham/Arıtılmış kanalizasyon suyu
- Çamurlu ve kumlu su

Non- Clogging Vortex Impeller

- Water including fiber and solid particles
- Rain water Drainage
- Raw/processed sewage water
- Muddy and sandy water

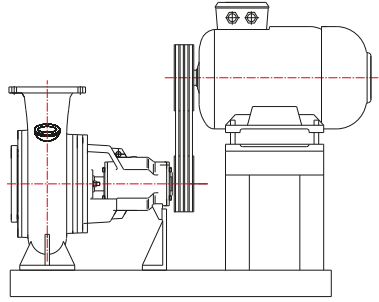
GSP Montaj ve Akuplaj Tipleri

GSP Installation&Coupling Types



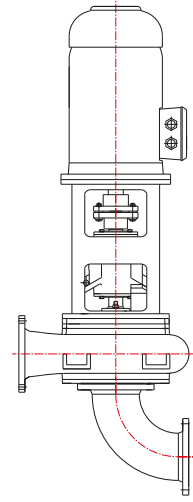
YK

Kuru çalışma, Yatay milli, Elastik kaplinli
Dry surrounding, horizontal shaft, elastic coupling



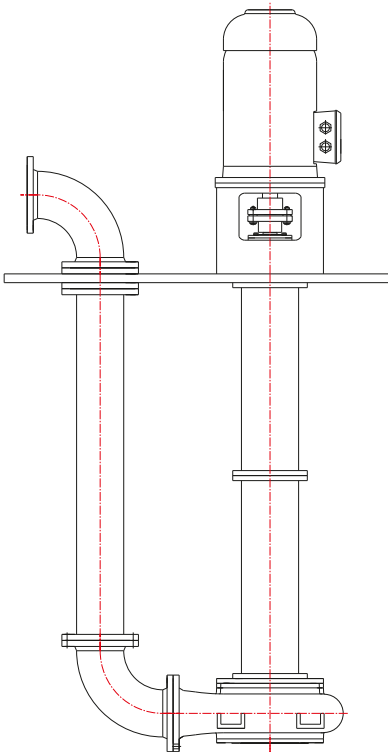
YKB

Kuru çalışma Yatay milli, Kayış-Kasnaklı
Dry surrounding, horizontal shaft, belt driven



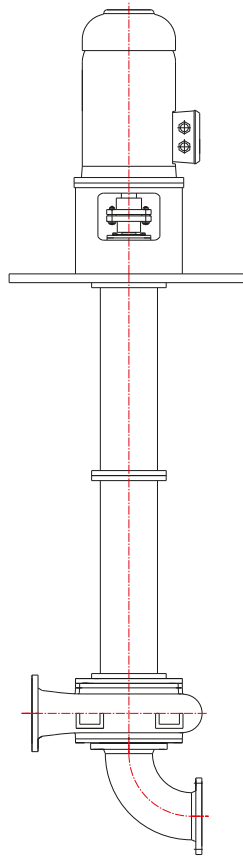
DM

Kuru çalışma, Düşey milli,
Monoblok, Elastik kaplinli
Dry surrounding, vertical shaft,
monoblock with elastic coupling



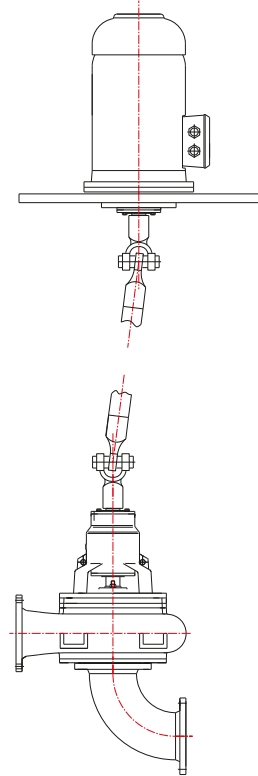
DY

Islak çalışma, Düşey milli, Kolon borulu,
Elastik kaplinli
Wet surrounding, vertical shaft with column
pipe and elastic coupling



DK

Kuru çalışma, Düşey milli, Kolon borulu,
Elastik kaplinli
Dry surrounding, Vertical shaft with
column pipe and elastic coupling

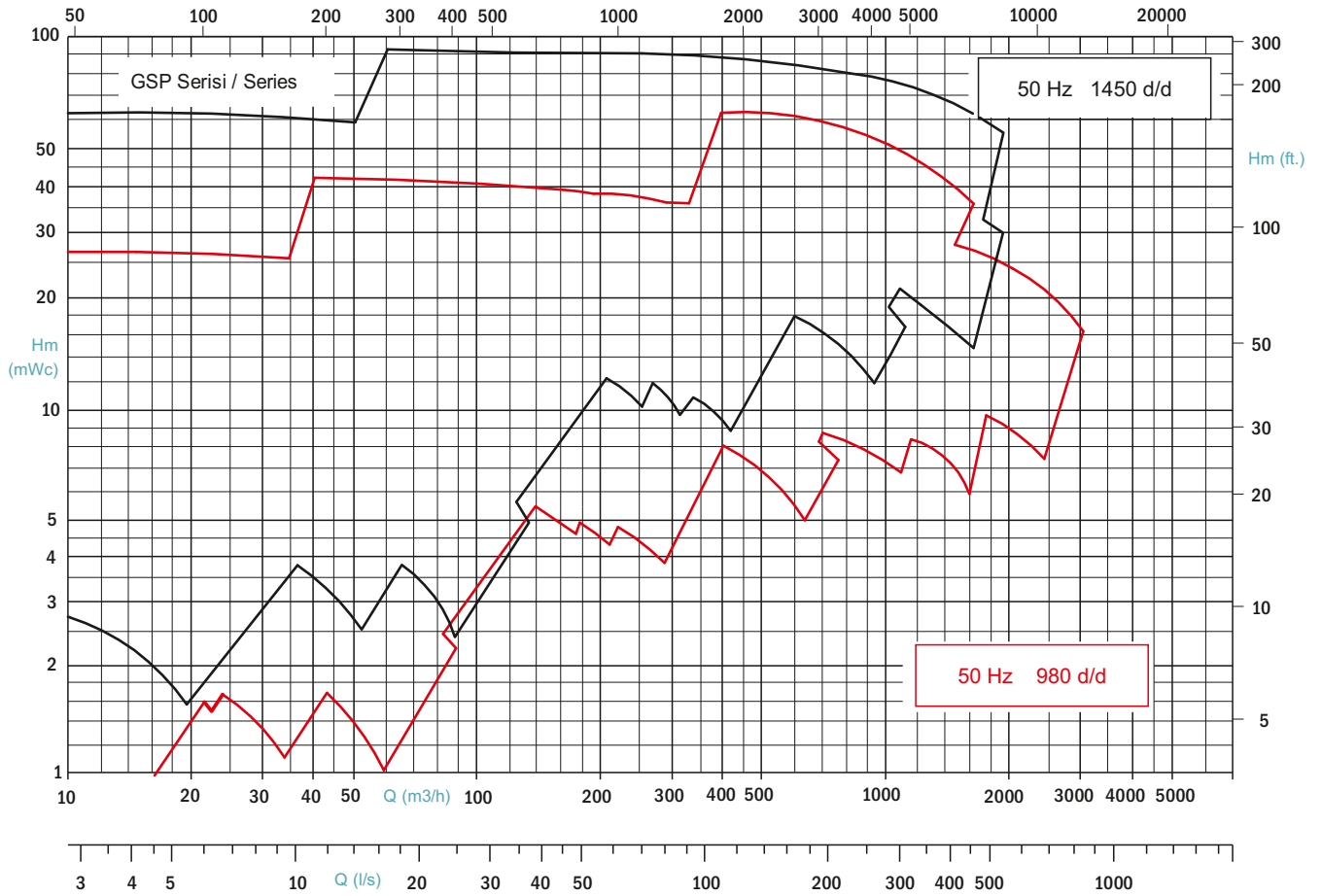


DKS

Kuru çalışma, Düşey milli,
Elastik kaplinli, Kardan şaftlı
Dry surrounding, Vertical shaft,
elastic coupling and universal shaft

GSP Performans Tabloları

GSP Performance Charts



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