

|                                    |                                   |                                        |                                       |                                 |
|------------------------------------|-----------------------------------|----------------------------------------|---------------------------------------|---------------------------------|
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| <b>Ангарск</b> (3955)60-70-56      | <b>Ижевск</b> (3412)26-03-58      | <b>Москва</b> (495)268-04-70           | <b>Ростов-на-Дону</b> (863)308-18-15  | <b>Тольятти</b> (8482)63-91-07  |
| <b>Архангельск</b> (8182)63-90-72  | <b>Иркутск</b> (395)279-98-46     | <b>Мурманск</b> (8152)59-64-93         | <b>Рязань</b> (4912)46-61-64          | <b>Томск</b> (3822)98-41-53     |
| <b>Астрахань</b> (8512)99-46-04    | <b>Казань</b> (843)206-01-48      | <b>Набережные Челны</b> (8552)20-53-41 | <b>Самара</b> (846)206-03-16          | <b>Тула</b> (4872)33-79-87      |
| <b>Барнаул</b> (3852)73-04-60      | <b>Калининград</b> (4012)72-03-81 | <b>Нижний Новгород</b> (831)429-08-12  | <b>Саранск</b> (8342)22-96-24         | <b>Тюмень</b> (3452)66-21-18    |
| <b>Белгород</b> (4722)40-23-64     | <b>Калуга</b> (4842)92-23-67      | <b>Новокузнецк</b> (3843)20-46-81      | <b>Санкт-Петербург</b> (812)309-46-40 | <b>Ульяновск</b> (8422)24-23-59 |
| <b>Благовещенск</b> (4162)22-76-07 | <b>Кемерово</b> (3842)65-04-62    | <b>Ноябрьск</b> (3496)41-32-12         | <b>Саратов</b> (845)249-38-78         | <b>Улан-Удэ</b> (3012)59-97-51  |
| <b>Брянск</b> (4832)59-03-52       | <b>Киров</b> (8332)68-02-04       | <b>Новосибирск</b> (383)227-86-73      | <b>Севастополь</b> (8692)22-31-93     | <b>Уфа</b> (347)229-48-12       |
| <b>Владивосток</b> (423)249-28-31  | <b>Коломна</b> (4966)23-41-49     | <b>Омск</b> (3812)21-46-40             | <b>Симферополь</b> (3652)67-13-56     | <b>Хабаровск</b> (4212)92-98-04 |
| <b>Владикавказ</b> (8672)28-90-48  | <b>Кострома</b> (4942)77-07-48    | <b>Орел</b> (4862)44-53-42             | <b>Смоленск</b> (4812)29-41-54        | <b>Чебоксары</b> (8352)28-53-07 |
| <b>Владимир</b> (4922)49-43-18     | <b>Краснодар</b> (861)203-40-90   | <b>Оренбург</b> (3532)37-68-04         | <b>Сочи</b> (862)225-72-31            | <b>Челябинск</b> (351)202-03-61 |
| <b>Волгоград</b> (844)278-03-48    | <b>Красноярск</b> (391)204-63-61  | <b>Пенза</b> (8412)22-31-16            | <b>Ставрополь</b> (8652)20-65-13      | <b>Череповец</b> (8202)49-02-64 |
| <b>Вологда</b> (8172)26-41-59      | <b>Курск</b> (4712)77-13-04       | <b>Петрозаводск</b> (8142)55-98-37     | <b>Сургут</b> (3462)77-98-35          | <b>Чита</b> (3022)38-34-83      |
| <b>Воронеж</b> (473)204-51-73      | <b>Курган</b> (3522)50-90-47      | <b>Псков</b> (8112)59-10-37            | <b>Сыктывкар</b> (8212)25-95-17       | <b>Якутск</b> (4112)23-90-97    |
| <b>Екатеринбург</b> (343)384-55-89 | <b>Липецк</b> (4742)52-20-81      |                                        | <b>Тамбов</b> (4752)50-40-97          | <b>Ярославль</b> (4852)69-52-93 |

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# **Технические характеристики на шламовые насосы серии GSP-KS с вертикальным валом и колонной трубой компании SEP Pumps and Motors**

# GSP-KS

## Serisi / Series

GSP-KS Serisi Düşey Milli, Kolon Borulu Çamur Pompaları

GSP-KS Series Slurry Pump With Vertical Shaft and Column Pipe

### Uygulama Alanları

### Application Fields

- Mining and mineral processing
- Highly abrasive slurries
- Slurry transfer
- Cyclone feed
- Marble Processing Plants
- Sand and gravel processing
- Coal, iron, steel & power plant ash
- Mining duty abrasive slurries
- Fertilizer • Pulp & paper • Lime slurry

### Operating Limits

|                           |                                |
|---------------------------|--------------------------------|
| Capacity (Q)              | : up to 1600 m <sup>3</sup> /h |
| Manometric Height (Hm)    | : up to 40 mWc                 |
| Operating Temperature (t) | : from -20 °C up to +120 °C    |
| Speed range               | : from 400 up to 1800 rpm      |

### Design

- SEP GSP KS series pumps are designed and manufactured for transferring of high abrasive fluids which contain solid and fibrous particles. They are vertical, single stage and bottom intake pumps. Thanks to the sliding bearing system used, the pump doesn't have any sealing elements under the water and as a result of this, no ball bearing problems are observed.
- According to the properties of the pumped fluid, different impeller options are available as \*Single / double bladed \*non clogging type \*Open impellers type with front wear plate \*Vortex type.
- Materials of hydraulic parts of the SEP GSP KS pumps are chosen as highly abrasion resistant. Beside this, the pump has wear compensation system keeping the hydraulic performance constant without dismantling the pump.
- Pump motor connections are designed taking into consideration the risk of blocking. According to the application or upon customer request, motor can be connected to the pump directly or by using pulley system.
- SEP GSP KS pumps are suitable for portable and fixed operation.
- We strongly recommend customers to be in contact with SEP during the pump and material selection since it is very critical and important for the functioning of the pump.



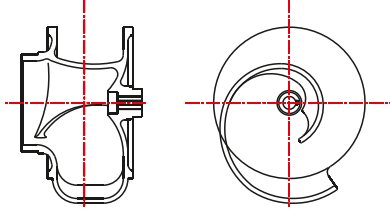
### Kodlama / Designation

GSP KS-X 200 / 400

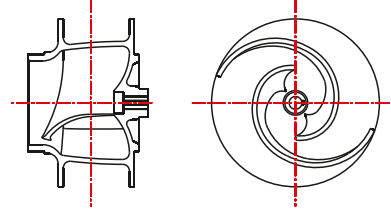


## Uygulanabilir Çark Tipleri / Applicable Impeller Types

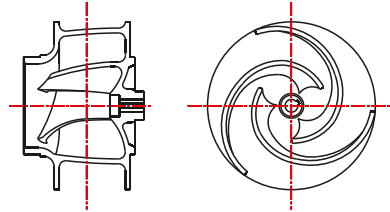
GSP-KS



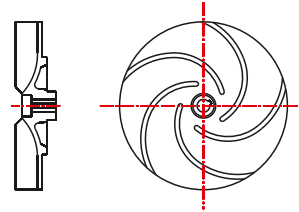
S Tip Tek Kanatlı Çark  
S Type One Blade Impeller



D Tip Çift Kanatlı Simetrik Çark  
D Type Double Blade Symmetrical Impeller



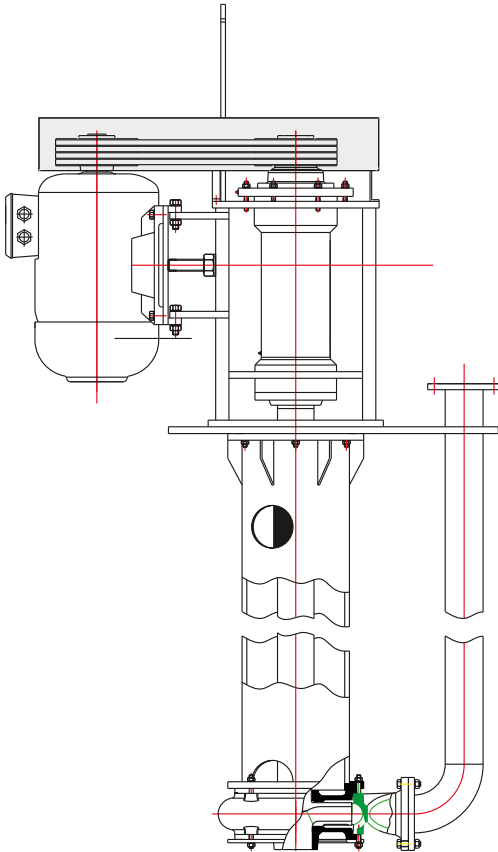
T Tip Üç Kanatlı Çark  
T Type Three Blade Impeller



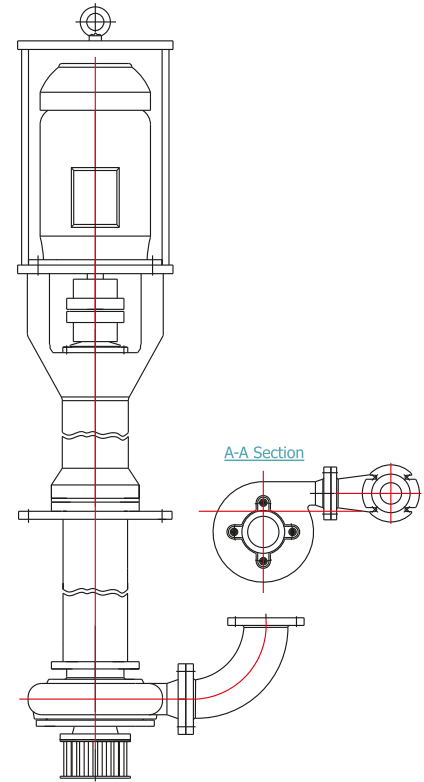
V Tip Vorteks Çark  
V Type Vortex Type Impeller

## Kesit Görünüm / Sectional view

GSP-KS



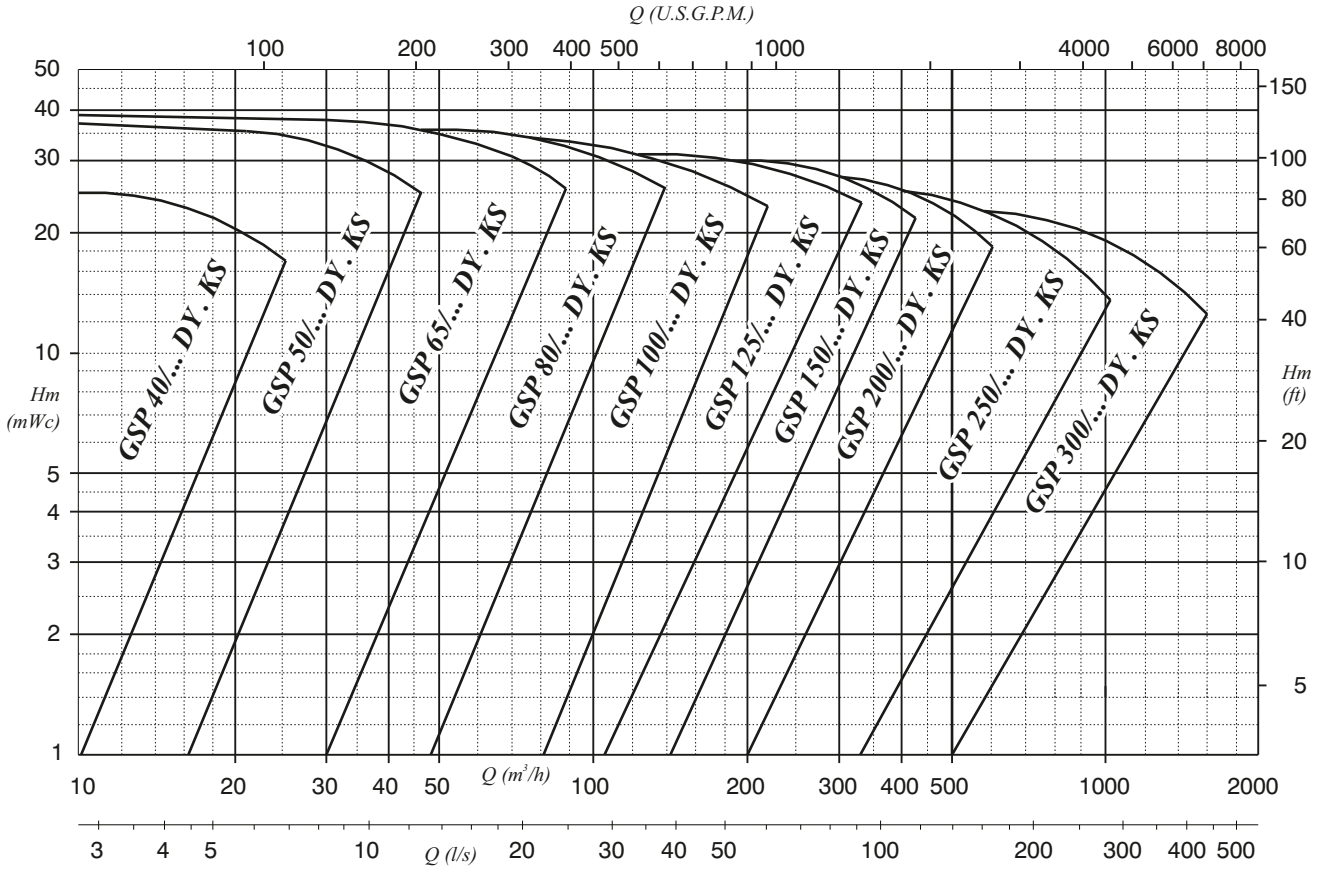
Uygulama 1  
Application 1



Uygulama 2  
Application 2

## GSP-KS Performans Tabloları

## GSP-KS Performance Charts



İşletme şartlarının pompa seçiminde ve kullanımındaki önemi sebebiyle, pompa tipi ve malzeme kombinasyonunun seçiminde SEPPUMP ile iletişim kurulmasını önemle tavsiye ediyoruz !

We strongly recommend customers to be in contact with SEP during the pump and material selection since it is very critical and important for the functioning of the pump.

|                                    |                                   |                                        |                                       |                                 |
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