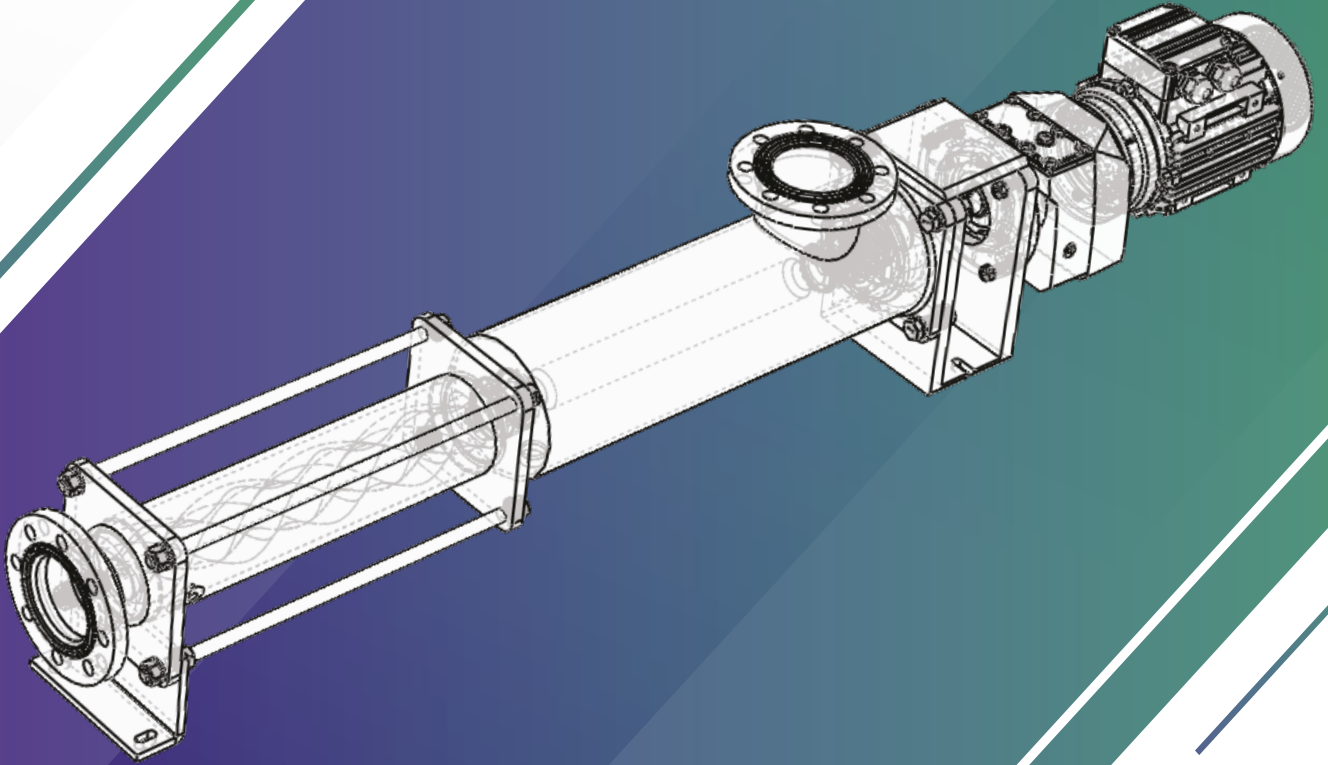


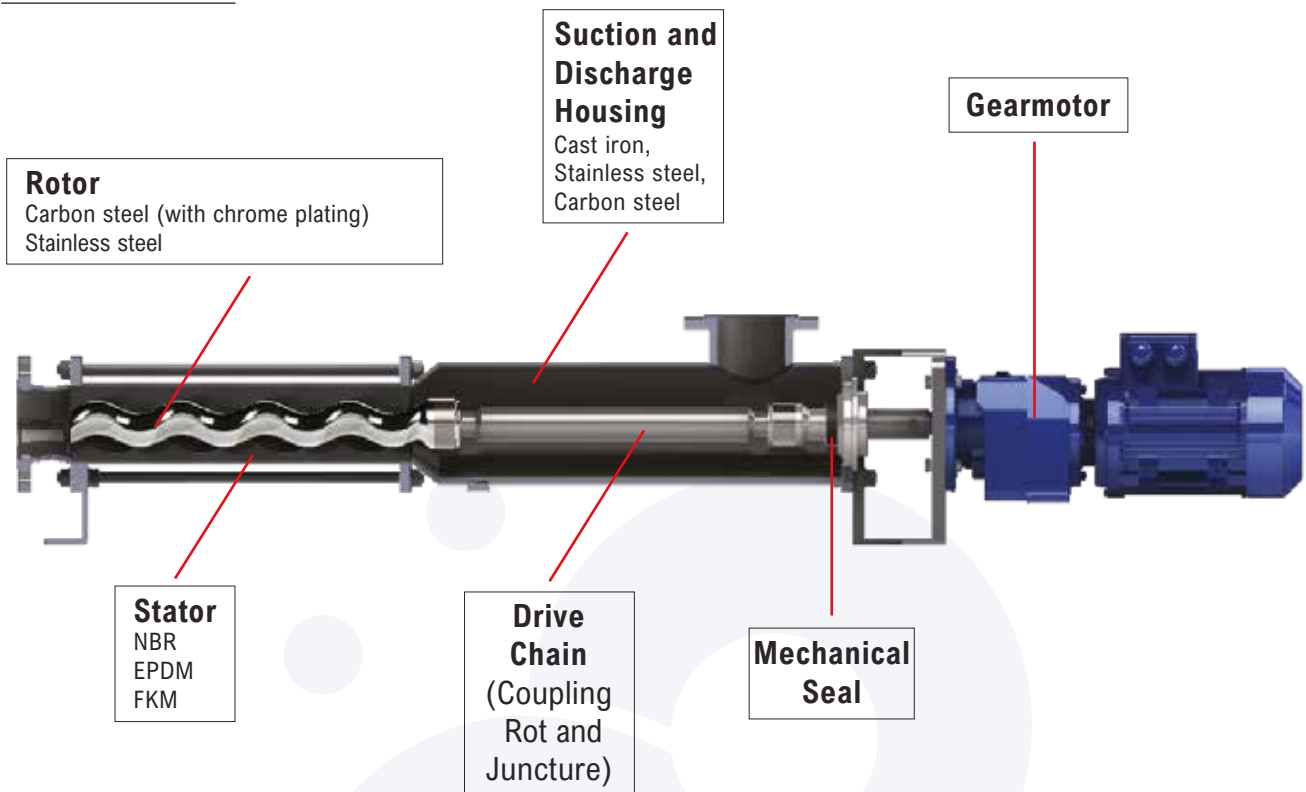


ÖRTAŞ

PROGRESSIVE CAVITY PUMPS



PROGRESSIVE CAVITY PUMPS



* Rotor, stator and suction housing can be manufactured from different materials upon request.

General Information

Progressive cavity pumps are positive displacement pumps that transfer almost all types of fluids at low vibrations without altering the product structure.

When the rotor rotates in the stator, the product in the cavities is displaced and the transfer process takes place.

Pump efficiency is independent of engine speed and flow direction can be changed.

General Features

- Transfer at very low and high flow rates (max 500 m³/hour),
- High pressure capability (max 48 bar),
- Transfer of products containing solid particles (particle diameter max. 150 mm),
- Transfer of high viscosity products (max. 3,000,000 mPa · s),
- Working without foaming and vibration,
- Transfer without whipping, crushing and destroying the product,
- High suction ability (max. 8.5 m),
- Precise flow adjustment and dosing capability.

USAGE AREAS



Food Industry

It is suitable for transferring products such as milk and milk derivatives, honey, oil, minced meat, fruit purees, fruit-vegetable juices, wine, beer, tomato paste and sauce.



Chemical Industry

Reagents are suitable for transferring products such as high viscosity creams and suspensions, paints, varnishes, adhesives, shampoos and liquid soaps.



Pharmaceuticals and Cosmetics

It is suitable for transferring products such as surfactants, pastes, ointments and creams.



Mining

Suitable for making coal water, lime slag, liquid explosive transfer.



Oil, Gas, Petrochemical Industry

It is suitable for transferring commercial oil, mud, drilling fluids, reagents and additives.



Water Treatment

It is suitable for transferring wastewater, mud, groundwater, fecal liquids, softening chemicals and numerous chemical types used for water treatment.



PC DF SERIES

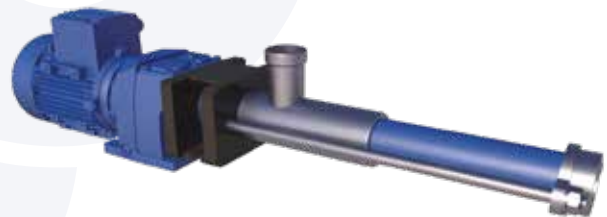
Standard Type Pump

In variable operating conditions, rotor / stator replacement is simple and economical. Up to 12 bar pressure can be achieved. It has a compact design with direct coupled gearmotor. It is easy to maintain thanks to the pin shaft connection.

PC DF MINI SERIES

Dosing Pump

It has high suction capacity at low flow rates. It makes dosing without vibration thanks to continuous flow. It is suitable for the transfer of fluids containing dense, viscous, suspended solids.



PC RF SERIES

Bearing Block Design Pump

It can be connected to a wide variety of drive units. (Electric, internal combustion, hydraulic, pneumatic etc.) It is long-lasting in applications where high pressure is required. (> 24bar)



PC DA SERIES

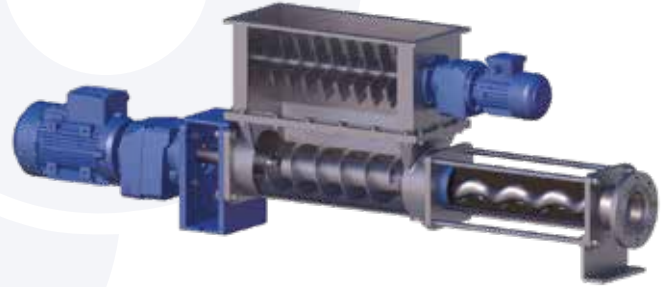
Hopper and Feeding Screw Design Pump

Feeding model designed for high viscosity products to pass easily through pipes. The chamber is designed with a rectangular flange to which any transfer system can be connected.

PC DAK SERIES

Feeding Screw and Bridge Breaking Paddle Design Pump

The pump is equipped with equipment that allows pre-crushing of large, hard and soft parts. It prevents bridge formation. It facilitates the feeding of the pump thanks to the large spiral.



PC DH SERIES

Hygienic Pump

Hygienic pump; Developed for the food, pharmaceutical, cosmetic and chemical industry. It can be cleaned with CIP and SIP. Rotor, body and all connections are made of stainless steel.

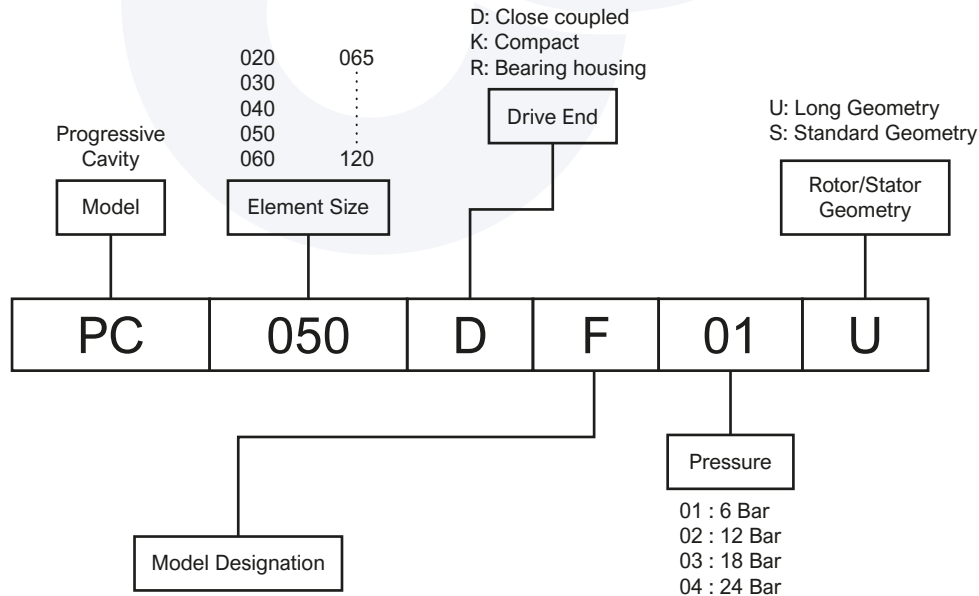
PC DD SERIES
Vertical Pump

Vertical pumps; It is designed to transfer high viscous fluids, abrasive sludges from tanks, barrels, wells by suction.



PC KD SERIES
Economic Design Vertical Pump

PRODUCT CODE

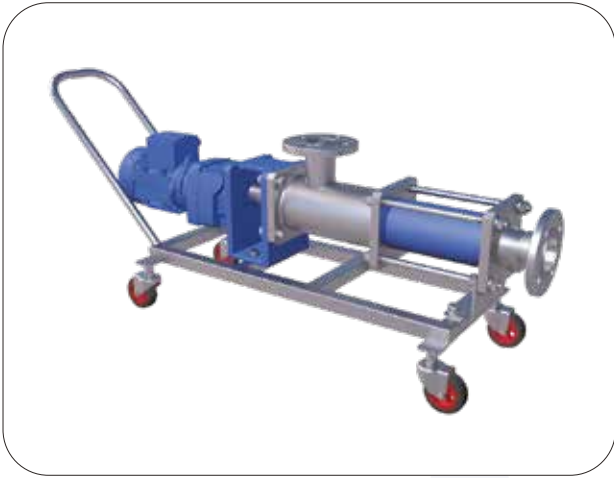


Long Geometry Rotor Type



Standard Geometry Rotor Type

OPTIONAL PARTS AND KITS



BY PASS



HEATING JACKET



ELECTRIC PANEL



ÖRTAŞ

ZİRAİ MAKİNA MOTOR DAYANIKLI
TÜKETİM MALLARI TİC. ve SAN. A.Ş

İZMİR : 1203/7 Sok. No: 1F Ege Ticaret Merkezi Yenişehir
Phn: +90(232) 458 44 20

ANTALYA : Cumhuriyet Mah. Fatih Cad. No: 25/A Muratpaşa
Phn: +90(242) 346 03 50

FACTORY : Ulukent Sanayi Bölgesi 29 Ekim Mah. 10019 Sok.
No: 6 Ulukent Phn: +90(232) 478 40 55