

YUVA Series

Vertical extended shaft double delivery pumps for light and heavy duty chemicals and chemical effluents



Product Description:

YUVA series vertical extended shaft double delivery pumps are designed based on KISHOR standard. These pumps are specially designed for process or transfer duty applications, having high efficiency for pumping clean or slightly contaminated chemicals and chemical effluents without solid contents. These pumps can handle all types of corrosive and high temperature liquids. Double delivery & cantilever design can be offered for liquids containing fine abrasive solids or where pump need to be operated for a wide range of duties. Pumps are available in seal-less or with gland packing / mechanical seal options. The design is a completely hydraulically balanced design which makes the pump almost maintenance free.

Applications:

- Acids
- Alkalis
- Dyes
- Paints
- Petrochemicals
- Intermediates
- Seawater
- Hydrocarbons
- Hot water
- Clear effluents

Industries:

- Fertiliser
- Petrochemicals
- Refineries
- Textile
- Desalination
- Soda ash
- Steel
- Power generation
- Pharmaceutical
- Acids
- Caustic soda

Performance Parameters:

Flow	: upto 400 m ³ /hr
Head	: upto 125 m.l.c
Specific gravity	: upto 1.9
Temperature	: upto 160 °C
Viscosity	: upto 20 cP
DN sizes	: 25 to 100 mm
Solid passage size	: Nil

Standard Features:

- Centrifugal, single stage, bottom axial suction
- Semi-open (B) & Closed impeller
- Grease lubricated bearings
- Internal 'FreeLub' Technology deploying self-lubrication for wet bearings in case of clear liquids, eliminating the need for external flushing
- Rectangular or circular support plate
- Performance testing as per ISO 9906
- RedAx Technology, mitigating the effect of undesirable hydraulic forces
- Shaft sealing by gland packing or mechanical seal
- Support plates of special dimensions & thickness
- Glandless execution

Versions:

- ES : Extended shaft, glandless pump.
- EV: Extended shaft, pump with mechanical seal.
- EG: Extended shaft, pump with gland packing.

About Us:

We design & manufacture tailor-made products for pumping and mixing of corrosive, abrasive and solids laden liquids, along with suitable service support. We have one of widest spectrums of material options to suit the application based on over 5 decades of experience and expertise. At the core of product selection process, lies a deep understanding of the application and the environment in which the pump is supposed to operate, ensuring optimal selection to suit the requirement.

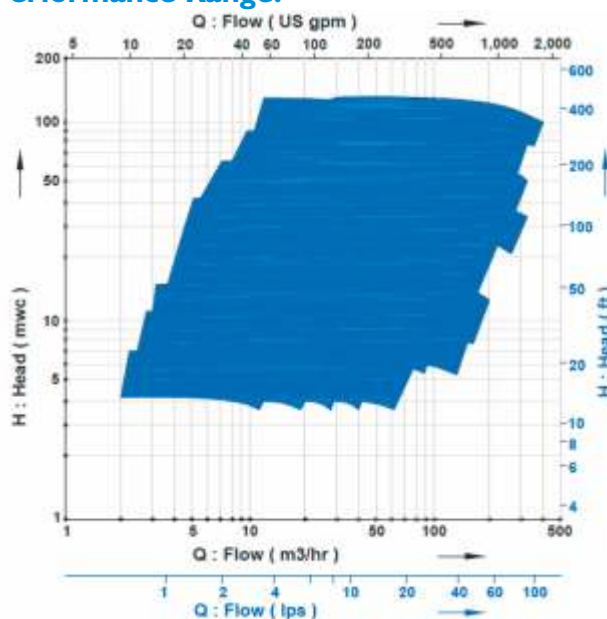
Material of Construction:

Casing	: CI, WCB, DIN 4136, CF8, CF8M, CF3, CF3M, CN7M, Duplex St. steels etc.
Impeller	: CI, WCB, DIN 4136, CF8, CF8M, CF3, CF3M, CN7M, Duplex St. steels, etc.
Shaft	: SS 410, SS 316, SS 316L, EN8, Teflon lined, UNS 32760 etc.

Pressure Ratings:

Discharge pressure	: upto 16 kg/cm ²
Test pressure	: 24 kg/cm ²

Performance Range:



Optional Features:

- Semi-open (F) impeller
- Cantilever design for slurries
- Variety of wear rings
- Tailpiece with / without strainer
- Tongue and groove flange
- Delivery flange as per ANSI / IS standards
- External flushing



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Regional Offices: Delhi | Vadodara | Mumbai | Chennai | Hyderabad | Kolkata