

Kirloskar Brothers Limited, (KBL) India, is known as India's leading, reliable and innovative solutions provider in hydraulic machines and systems. Kirloskar Brothers Limited is the largest manufacturer and exporter of centrifugal pumps and valves from India. An ISO 9001, 14001 and OHSAS 18001, KBL has Skilled engineering manpower, technological strength in design and application engineering, state-of-the-art manufacturing facilities including ferrous and non ferrous foundries, are our key strengths. One of Asia's largest Hydraulic Research Centre with a testing facility to test pumps up to 50,000 metre cube per hour (220,150 US GPM), 5000 kW motor (6800 HP) is a part of our infrastructure at the manufacturing location at Kirloskarvadi.

Business of KBL:

- Largest manufacturer and exporter of centrifugal pumps from India
- Leading manufacturer of Valves and Hydel Turbines
- Energy efficient innovative pumping solutions for core sectors such as Power, Water, Irrigation and Industries
- Manufactures the largest pumps by size and horsepower in India
- Commands the highest market capitalization amongst the pump manufacturers in India
- Pioneered centrifugal pumps in India and introduced the following in India:
 - Split-case pumps
 - Process pumps
 - Large Vertical Flow pumps
 - Metallic Volute pumps
 - Concrete Volute pumps
 - Valves up to 4500 mm Nominal Bore
 - Large Engineered Pumps
 - Industrial Pumps
 - Agricultural & Domestic Pumps

KBL has been awarded 'export excellence' for consecutive 28 years from The Ministry of Commerce and Government of India. KBL exports to over 80 countries across 6 continents. With our subsidiaries located in United Kingdom, Europe, South East Asia, The African Continent, USA, Middle East, etc. we are positioned to leverage the market potentials.

The developing economies of Asia, Africa, Eastern Europe, Latin America etc. over the years have put in sustained efforts and suitable programmes to improve the key sectors – Agriculture, Irrigation, Water Supply and Energy to achieve reasonable growth every year to enable alleviate poverty, increase food security and assure quality of life. It is important for these key sectors of the developing economies show impressive and progressive growth in the next few years to make a leading presence in the global scenario.

KBL offers comprehensive pumping solutions in Irrigation, Water Supply, and Power Sector for domestic and international markets.

“One stop shop for most optimized pumping solutions from conceptualization to commissioning across market segments.”

END SUCTION PUMPS

**MIXED FLOW
NON-CLOG PUMPS**

Type - DB



Type - DB (Large)



Type - MF / MF-E / MF-V



Range

Delivery size : up to 150 mm
Capacity : up to 550 m³/hr
Head : up to 100 mtrs
Temperature : (-) 10° C to 100° C

Range

Delivery size : 150 mm to 300 mm
Capacity : up to 2100 m³/hr
Head : up to 42 mtrs
Temperature : (-) 10° C to 90° C

Range

Delivery size : up to 650 mm
Capacity : up to 7000 m³/hr
Head : up to 30 mtrs
Temperature : 5° C to 140° C

Applications

Circulation of water in Industries, Air-Conditioning Plants, Power Stations, Mine Water, Lift Irrigation, Sprinkler Systems, Fire-Fighting, Booster Services, Pumping Brines, Oils etc. for liquids

Applications

Water Supply, Irrigation, Water Circulation, Injection Water Systems and Prawn Farming

Applications

Pumping drainage water, Storm Water, Supplying water from settling tanks in Water Works, Irrigation and Agriculture for Lift Irrigation, Circulation of hot or cold water in Industry, Air-Conditioning Plants, Power Stations, Textile Mills, Sewage Handling, Flood control

Features

- Confirming to DIN 24255
- Back Pull-out design
- Gland packed / Mechanical seal
- 50 Hz / 60 Hz

Features

- Horizontal mounting
- Back Pull-out design
- Single Stage
- Single Suction
- Gland packed / Mechanical seal
- 50 Hz / 60 Hz

Features

- Horizontal / Vertical mounting
- Single stage
- Single suction
- Volute casing
- 50 Hz / 60 Hz

PROCESS PUMPS

SOLIDS HANDLING NON-CLOG PUMPS

Type - KPD / KPD-QF



Type - SHM / SHS / SHV



Type - SHL



Range

Delivery size : up to 200 mm
 Capacity : up to 900 m³/hr
 Head : up to 225 mtrs
 Working Pressures : 16-30 kg/cm²
 Temperature : (-) 50° C to 350° C

Range

Delivery size : up to 200 mm
 Capacity : up to 800 m³/hr
 Head : up to 90 mtrs
 Maximum permissible solid size : up to 105 mm depending on the model consistency up to 5%
 QP impellers for more than 6% consistency
 Q impellers for more than 4% consistency

Range

Delivery size : from 250 mm to 900 mm
 Capacity : up to 13000 m³/hr
 Head : up to 82 mtrs
 Temp : (-) 10° C to 90° C

Applications

Chemical Process Industries, Petro Chemical, Nuclear, Refinery, Paper and Power Plants etc. Pumps suitable for handling Corrosive Acids, Alkalies, Salt Solutions, Caustics, Hydro Carbons, Oils, Thermic Fluids, Liquefied Gases, Condensates, Viscous Liquids etc.

Applications

For handling liquids with solids in suspension, sludge or pulpy material in Paper Industries, sewage or waste with soft solids in suspension, viscous liquids or liquids carrying fibrous material or powdered material slurries, contaminated process liquids like Sugar Factory Waste, Trade Liquors, Water Carrying Gravel, etc.

Applications

For handling liquids with solids in suspension, Pulpy material in paper industries, Viscous liquids or powdered material slurries, Contaminated process liquids like sugar factory waste, trade liquors

Features

- Confirming to DIN 24256 & ISO 2858
- Back Pull-out design
- Gland packed / Mechanical seal
- Also available in vertical execution
- 50 Hz / 60 Hz

Features

- Horizontal / Vertical mounting
- Single stage
- Single suction
- Volute casing
- 50 Hz / 60 Hz

Features

- Horizontal shaft, single stage, single suction pump with back pull-out design
- 50 Hz / 60 Hz availability
- Also available in vertical design

MULTISTAGE PUMPS

HORIZONTAL AXIALLY SPLIT CASING PUMPS

Type - RKB



Type - UP / UPL / UPH



Type - SCT / SCT Extended



Range

Delivery size : up to 250 mm
 Capacity : up to 850 m³/hr
 Head : up to 850 mtrs
 Temperature : (-) 90° C to 140° C

Range

Delivery size : up to 1220 mm
 Capacity : up to 24,000 m³/hr
 Head : up to 180 mtrs
 Temperature : (-) 10° C to 90° C

Range

Delivery size : 50 mm to 350 mm
 Capacity : up to 4500 m³/hr
 Head : up to 330 mtrs
 Temperature : (-) 10° C to 100° C

Applications

Sprinkler Irrigation, Fire-Fighting, Water Supply to high rise buildings, Descaling, Mine Dewatering and Boiler Feed

Applications

Suitable for handling water with slight impurities in Industries, Water Works, Storm Water, Irrigation, Sprinkler Irrigation, Fire-Fighting, Air Conditioning, Water Circulation, Waste Water Treatment, Processing, Power, Fertilizer, Refinery, Paper, Sugar and Textile Mills, etc.

Applications

For handling water / liquids with slight impurities against medium and high heads in General Industries, Petroleum Refineries, Air Conditioning and Refrigeration Systems, Water Works, Irrigation, Waste Water Treatment, Process Plants, Fire Protection Systems and Mining

Features

- Also available in Vertical execution
- Gland packed / Mechanical seal
- 50 Hz / 60 Hz

Features

- Horizontal mounting
- Axially Split case
- Single stage or double suction
- Single suction or double suction
- Single Volute Or Double volute
- 50 Hz / 60 Hz

Features

- Horizontal / Vertical axis
- Axially Split case
- Single stage or double suction
- Gland packed / mechanical seal
- 50 Hz / 60 Hz

HORIZONTAL AXIALLY SPLIT CASING PUMPS

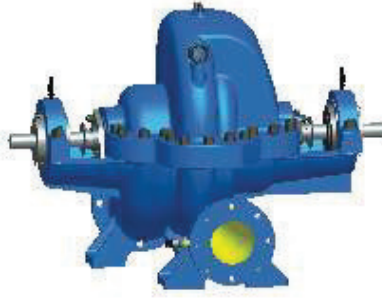
HORIZONTAL AXIALLY SPLIT CASING TWO STAGE PUMPS

VERTICAL PUMPS

Type - i-HT



Type - DSM / DSM (T)



Type - BHR / BHQ / BHM / BHK / BHM_a / BHA



Range

Delivery size : up to 300 mm
 Capacity : up to 1300 m³/hr
 Head : up to 250 mtrs
 Temperature : (-) 10° C to 100° C

Range

Delivery size : 50 mm to 150 mm
 Capacity : up to 470 m³/hr
 Head : up to 160 mtrs
 Temperature : (-) 10° C to 90° C

Range

Delivery size : up to 2200 mm
 Capacity : up to 55,000 m³/hr
 Head : up to 240 mtrs

Applications

Suitable for handling water with slight impurities in Industries, Water Works, Irrigation, Sprinkler Irrigation, Fire-fighting, Air Conditioning Plants, Water Circulation, Processing Plants. Primary and Secondary HVAC application, Cooling tower, Desalination

Applications

Air-conditioning
 Fire fighting
 Irrigation
 Mine drainage
 Power plants
 Water supply

Applications

Lift irrigation (Vertical and inclined mounting), Water supply, Circulating water for Thermal and Nuclear Power Plants, Various applications in Steel, Cement Industries and Refineries, Handling sea water on Off-Shore Platforms, Dry-Docks, Fire Fighting, Flood Control, Condensate Extraction

Types : Turbine, Mixed Flow, Axial Flow, Propeller

Features

- Horizontal mounting
- Axially Split case
- Single stage or double stage
- Double suction impellers
- Provision of pull-bearing housing and bearing

Features

- Horizontal mounting
- Axially Split case
- Single stage or double stage
- Single suction
- Single volute
- 50 Hz / 60 Hz

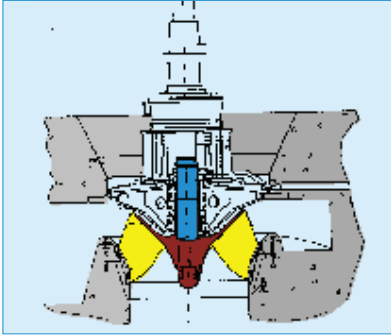
Features

- Vertical mounting
- Single stage or double stage
- Enclosed or semi open impellers
- Single suction
- Direct or right angle drive
- Dry / Wet pit arrangement
- Low submergence
- Radial / Axial / Mixed flow type
- Special material of construction
- Gland packed / mechanical seal
- 50 Hz / 60 Hz

CONCRETE VOLUTE PUMP

VERTICAL MULTISTAGE PUMPS

Type - Concrete Volute Pump



Type - SMVR/ SMVS



Range

Delivery size : 4000 mm
Capacity : up to 1,20,000 m³/hr
Head : up to 50 mtrs
Motor Rating : 4500 kW (6120 hp)

Range

Capacity : up to 120 m³/hr (535 USgpm)
Head : up to 249 mtrs (797 ft)
Power Rating : 0.37 kW to 45 kW (1 hp to 60 hp)

Applications

Circulating water / condenser
Cooling water for power plants
Dry docks
Drainage and flood control / storm water
Lift irrigation and water supply

Applications

Fire Fighting System
RO System
Sprinkler
Water supply
Booster Pump Package
HVAC

Features

- Oil lubricated bearings
- No water contact with shaft, hence no corrosion
- Corrosion proof volute casing – Reinforced Concrete
- Shaft, Impeller and other components
- Special material available

Features

- Efficient energy saving
- Product reliability
- IE2 motors with good interchangeability
- Maintenance Free
- High performance and High efficiency