

**Kirloskar  
Pumps & Valves  
Showcase**



Gate Valves (Cast Steel)



Globe Valves (Cast Steel)



Check Valves (Cast Steel)

**Range**

Class 150 Size 2" (50 mm) to 24" (600 mm)  
Class 300 Size 2" (50 mm) to 12" (300 mm)  
Conforming to BS 1414/API 600  
Temperature upto 475°C

Class 150 and Class 300 Size 2" (50mm) to 8" (200 mm)  
Conforming to BS 1873  
Temperature upto 475°C

Class 150 and Class 300 Size 2" (50mm) and 8" (200mm)  
Conforming to BS 1868  
Temperature upto 475°C

**Features**

- † Rigid and Sturdy Design
- † Low pressure loss

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- † Low pressure loss

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- † Low pressure loss

**Applications**

- † Chemical Industries
- † Process Industries
- † Refineries

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Valves with Pumps installed at Maharashtra Industrial Development Corporation Water Supply Project, Mumbai, India



Enriching Lives

**KIRLOSKAR BROTHERS LIMITED**

A Kirloskar Group Company

**GLOBAL PRESENCE**

Cambodia | Egypt | India | Lao PDR | Senegal | South Africa | Thailand | The Netherlands | United Arab Emirates | United Kingdom | United States of America | Vietnam

**GLOBAL HEADQUARTERS**

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Our Group Companies



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Enriching Lives

**DISCOVER THE WORLD  
OF KIRLOSKAR PUMPS AND VALVES**



*'Fluid Management for Better Tomorrow'*

**KIRLOSKAR BROTHERS LIMITED**

A Kirloskar Group Company



**ABOUT KBL**

Kirloskar Brothers Limited (KBL) is a world class pump manufacturing company with expertise in engineering and manufacture of systems for fluid management. Established in 1888 and incorporated in 1920, KBL is the flagship company of the \$ 2.1 billion Kirloskar Group. As the market leader in fluid management, KBL provides complete fluid management solutions for large infrastructure projects in the areas of water supply, power plants, irrigation, oil & gas and marine & defence. We engineer and manufacture industrial, agriculture & domestic pumps, valves and hydro turbines.

In 2003 KBL acquired SPP Pumps, United Kingdom and established SPP Inc., Atlanta, USA, as a wholly owned subsidiary of SPP, UK and expanded its international presence. In 2007, Kirloskar Brothers International B.V., The Netherlands and Kirloskar Brothers (Thailand) Ltd, a wholly owned subsidiary in Thailand were incorporated. In 2008, KBL incorporated Kirloskar Brothers Europe BV (Kirloskar Pompen BV since June 2014), a joint venture between Kirloskar Brothers International BV and Industrial Pump Group, The Netherlands. In 2010 KBL further consolidated its global position by acquiring Braybar Pumps, South Africa. SPP MENA was established in Egypt in 2012. KBL has a joint venture company with Ebara Corporation, Japan since 1988 for the manufacture of API 610 standard pumps. Kirloskar Corrocoat Private Limited is joint venture cooperation with Corrocoat Ltd., UK since 2006. KBL acquired The Kolhapur Steel Limited in 2007 and Hematic Motors in 2010. In 2014, KBL acquired SyncroFlo, Inc, the largest independent fabricator of commercial and municipal domestic water.

KBL has eight manufacturing facilities in India at Kirloskarvadi, Dewas, Kondhapuri, Shirval, Sanand, Kaniyur, Kolhapur and Karad. In addition, KBL has seven manufacturing and packaging facilities in Egypt, South Africa, Thailand, The Netherlands, United Arab Emirates, United Kingdom and United States of America. KBL has 12,700 channel partners in India and 80 overseas and is supported by best in class network of Authorised Centres and Authorised Refurbishment Centres across the country.

All plants of KBL are ISO 9001, ISO 14001 and OHSAS 18001 standards certified. They apply Total Quality Management tools using European Foundation for Quality Management (EFQM) model. The Kirloskarvadi plant of KBL is a state of art integrated manufacturing facility having one of Asia's largest hydraulic research centre with testing facility up to 5000 kW and 50,000 m<sup>3</sup>/hour.

KBL is the only pump manufacturing company in India and ninth in the world to be accredited with the N and NPT certification by American Society of Mechanical Engineers (ASME).



**Inline Pumps**

Type-ILS

Delivery size from 40 mm to 100 mm (1 1/8" to 4")  
Capacity up to 210 m<sup>3</sup>/hr. (925 USgpm)  
Head up to 65 metres. (208 ft)  
Temperature (-)30°C to 90°C.

- 1 Conforming to DIN 24255
- 1 Back pull-out design
- 1 Gland packed / Mechanical seal
- 1 50HZ/60HZ availability



**Canned Motor Pumps**

Type-KCS

Delivery size from 20 mm to 250 mm ( 3/4" to 10")  
Capacity up to 1000 m<sup>3</sup>/hr. (4400 USgpm)  
Head up to 135 metres. (432 ft)  
Temperature (-) 40°C to 250°C

- 1 Non- seal pump
- 1 Integral construction of pump & motor
- 1 Pumped liquid cools the motor and lubricates motor bearing
- 1 Horizontal/vertical execution



**Vertical Turbine Pumps**

Type-BHR/ BHQ/ BHM/ BHM a/ BHA

Delivery size from 150 mm to 2200 mm ( 6" to 88")  
Capacity up to 40,000 m<sup>3</sup>/hr. (1,76,120 USgpm)  
Head up to 240 metres. (768 ft)  
Temperature (-) 10°C to 90°C

- 1 Dry pit/wet pit arrangement available.
- 1 Low submergence
- 1 Gland packed/ Mechanical seal
- 1 50HZ/60HZ availability.
- 1 Radial / Axial / Mixed Flow Type



**Concrete Volute Pumps**

Delivery size up to 4000 mm ( 160")  
Capacity up to 1,20,000 m<sup>3</sup>/hr (5,28,360 USgpm)  
Head up to 50 metres (160 ft)  
Motor rating up to 4500 Kw (6120 hp)

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



**Sluice Valves**

Size 50 to 1200 mm ( 2" to 48")  
Pressure PN 0.4 to PN 1.6 (Conforming to IS 780 & IS 2906)  
Rating PN 1.6 (Conforming to BS 5163)  
Temperature upto 60°C

- 1 Rigid and sturdy design
- 1 Low pressure loss
- 1 Rising stem or Non-rising stem type
- 1 Resilient seated valves available



**Reflux Valves (Non-Return Valves)**

Size 350 to 750 mm ( 14" to 30")  
Conforming to IS 5312  
Temperature upto 60°C

- 1 Bypass and dashpot arrangement
- 1 Multidoor arrangement
- 1 Low pressure loss



**Butterfly Valves**

Size 80 to 2500 mm ( 3" to 100")  
Pressure up to PN 1.6  
Conforming to BS 5155  
Temperature upto 60°C

- 1 Duo-eccentrically mounted/streamlined disc
- 1 Less wear and tear
- 1 Self-cleaning and non jamming seat design.
- 1 Low operating torque.

- 1 Air-conditioning
- 1 Booster service
- 1 Sprinkler systems

- 1 Nuclear power plants
- 1 Petrochemical plants
- 1 Refrigeration plants

- 1 Cooling tower
- 1 Dry docks
- 1 Fire fighting
- 1 Irrigation
- 1 Refineries
- 1 Thermal and Nuclear Power plants
- 1 Water supply

- 1 Aqua Culture
- 1 Circulating Water/Condenser
- 1 Cooling Water for Power Plants
- 1 Desalination
- 1 Drainage and Flood Control
- 1 Dry Docks
- 1 Lift Irrigation and Water Supply
- 1 Storm Water

- 1 Agriculture
- 1 Fire Fighting
- 1 Irrigation
- 1 Power
- 1 Sewerage
- 1 Sugar
- 1 Water Supply

- 1 Agriculture
- 1 Irrigation
- 1 Power
- 1 Sugar
- 1 Water Supply

- 1 Agriculture
- 1 Irrigation
- 1 Power
- 1 Sugar
- 1 Water Supply



Vertical Turbine Pumps installed at Takari II Stage Irrigation Project, Maharashtra, India



Sluice and Reflux Valves installed at a Metro Municipal Corporation in India.

# Kirloskar Pumps & Valves Showcase



**Horizontal Axially Split Casing Single Stage Pumps**  
Type-UP/UPL/UPH/UP(T)



**Horizontal Axially Split Casing Pumps**  
Type -SCT/SCT Extended



**Horizontal Axially Split Casing Two Stage Pumps**  
Type-DSM/DSM (T)

## Range

Delivery size from 50 mm to 1100 mm (2" to 43")  
Capacity up to 20,000 m<sup>3</sup>/hr. (88060 USgpm)  
Head up to 160 metres. (512 ft)  
Temperature (-) 10°C to 90°C

Delivery size from 50mm to 350 mm (2" to 14")  
Capacity up to 4500 m<sup>3</sup>/hr (19814 USgpm)  
Head up to 330 metres (1056 ft)  
Temperature (-) 10 °C to 100°C

Delivery size from 50 mm to 150 mm (2" to 6")  
Capacity up to 470 m<sup>3</sup>/hr. (2069 USgpm)  
Head up to 180 metres (576 ft)  
Temperature (-) 10°C to 90°C

## Features

- 1 Gland packed/ Mechanical seal
- 1 50HZ/60HZ availability.

- 1 Pump axis horizontal or vertical
- 1 Gland packed/ Mechanical seal
- 1 50HZ/60HZ availability.

- 1 Gland packed/ Mechanical seal
- 1 50HZ/60HZ availability.

## Applications

- 1 Air-conditioning
- 1 Fire fighting
- 1 Irrigation
- 1 Paper, sugar and textile mills
- 1 Power plants
- 1 Water supply

- 1 Air conditioning and refrigeration system
- 1 Fire protection systems and mining
- 1 Petroleum refineries
- 1 Water/liquids with slight impurities

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



Horizontal Splitcase Pump installed at a Chemical plant in Kochi, India.

## OUR CAPABILITIES

- Cast Iron Foundries
- Alloy Cast Steel Foundry
- Non- Ferrous Foundry
- Centralised Pattern Shop
- Mechanised Sand Processing System
- Automatic Moulding and metal pouring System
- Independent units for cast iron , alloy steel and non-ferrous metals , exotic materials like Duplex and Super Duplex
- Single Casting (CI) weighting up to 14000 kg
- Extensive and well equipped material testing laboratory



## HYDRAULIC RESEARCH CENTRE (HRC)

- Largest Hydraulic Research Centre (HRC) in Asia, outside Japan, for testing pumps at duty conditions up to 5000 kw (motors of 3.3/6.6/11KV) and discharge up to 50,000 m<sup>3</sup>/hr.
- Closed circuit NPSH testing capabilities
- Computerised data acquisition system
- Sump model study facility.
- Conceptualised and built under the guidance & supervision of British Hydraulic Research Association



## MANUFACTURING LOCATIONS (INDIA)

1. Kirloskarvadi, Maharashtra
2. Shirwal, Maharashtra
3. Kolhapur, Maharashtra
4. Ahmedabad, Gujarat
5. Dewas, Madhya Pradesh
6. Kondhapuri, Maharashtra
7. Coimbatore, Tamil Nadu

## MANUFACTURING LOCATIONS (GLOBAL)

1. Atlanta, United States of America
2. Jebel Ali , United Arab Emirates
3. Coleford, Gloucestershire
4. Johannesburg- Braybar Pumps (Pty) Limited, Republic of South Africa
5. Velson Noord, The Netherlands
6. Bangkok, Thailand
7. Johannesburg, Republic of South Africa

# Kirloskar Pumps & Valves Showcase



**Domestic Monoblocs**  
Type-MINI+



**Self Priming Slow Speed Monoblocs**  
Type-ULTIMA



**End Suction Single Stage Monoblocs**  
Type-KDS+



**Multistage Pumps**  
Type-RKB



**Multistage Pumps**  
Type- MN/MHA/MLA



**Side Channel Pumps**  
Type - CF



**In Line Vertical Multistage Pumps**  
Type-IL

## Range

Delivery size 20 mm and 25 mm (3/4" and 1")  
Capacity up to 3200 LPH (3.2m<sup>3</sup>/hr) (14 USgpm)  
Head up to 50 metres. (160 ft)  
Power rating 0.18 kw to 0.75 kw (0.25 hp to 1.0 hp)

Delivery size 25 mm (1")  
Capacity up to 4m<sup>3</sup>/hr (18 USgpm)  
Head up to 40 metres. (128 ft)  
Power rating upto 0.75 kw (1.0 hp)

Delivery size 25 mm to 100 mm (1" to 4")  
Capacity up to 133 m<sup>3</sup>/hr. (585 USgpm)  
Head up to 76 metres. (243 ft)  
Power rating 1.5 kw to 15 kw (2 hp to 20 hp)

Delivery size from 32 mm to 250mm (1 1/4" to 10")  
Capacity up to 850 m<sup>3</sup>/hr (3145 USgpm)  
Head up to 850 metres. (2720 ft)  
Temperature (-) 40°C to 140°C

Delivery size from 50mm to 300 mm (2" to 12")  
Capacity up to 1000 m<sup>3</sup>/hr. (4400 USgpm)  
Head up to 750 metres. (2400 ft)  
Temperature (-)10°C to 90°C

Delivery size from 25 mm to 50 mm (1" to 2")  
Capacity up to 20 m<sup>3</sup>/hr. (88 USgpm)  
Head up to 315 metres. (1008 ft)  
Temperature (-) 40°C to 120°C

Delivery size up to 100 mm (4")  
Capacity up to 75 m<sup>3</sup>/hr (330 USgpm)  
Head up to 220 metres (704 ft)  
Temperature (-) 15°C to 120°C

## Features

- Single phase end suction monoblocs
- Portable
- Noiseless
- Available in stainless steel

- Back-pullout type
- Mechanical Seal
- Forged brass impeller
- Shielded ball bearings

- Gland packed / Mechanical seal
- Suitable for voltage fluctuation from 300 V to 400 V

- Also available in vertical execution
- Gland packed/ Mechanical seal
- 50HZ/60HZ availability.

- Gland packed/ Mechanical seal
- 50HZ/60HZ availability.

- Conforming to DIN 24254
- Flanges to DIN 2501 PIN 40
- Channel Multistage, Modular Construction
- Self priming
- Gland packed/ Mechanical seal
- Electrical Drive/Engine Drive

- Pressed stainless steel components
- Very high efficiencies
- Low NPSH
- All wetted parts in SS304 or SS316
- Mechanical Seal
- 50Hz /60Hz availability

## Applications

- Apartments, villas
- Booster services
- Gardening
- Hospitals, hotels

- Booster Services
- Domestic water supply
- Washing in garages and laundries
- Industries

- Agriculture
- Industrial usage
- Water supply

- Boiler feed
- Booster Service
- Fire fighting
- Mine Dewatering

- Booster Service
- Fire-fighting
- Irrigation
- Mine Dewatering

- Air Conditioning
- Boiler Feed
- Domestic
- Petroleum, Chemical and Process Industry
- Ship/Naval Engineering

- Booster, Firefighting, HVAC
- Boiler feed, condensate/DM water
- Pressurised cleaning systems Drip and sprinkler irrigation
- Purified water, food, pharma sectors
- Reverse Osmosis, water treatment



A Monobloc Pump in Stainless steel construction in use for domestic water supply.



Vertical Multistage pressed stainless steel Inline Pumps installed at a site.

# Kirloskar Pumps & Valves Showcase



**Solids Handling  
Non-Clog Pumps**  
Type-SHL



**Non-Clog Pumps**  
Type - NK/NKV



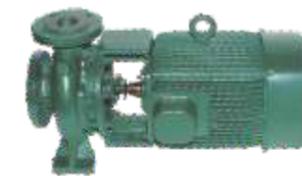
**Submersible Sewage Pumps**  
Type-NS



**End Suction Single Stage  
Monoblocs**  
Type-KS



**End Suction Two Stage  
Monoblocs**  
Type-KDT+



**Monobloc Pumps**  
Type - DBM



**Vacuum Pumps**  
Type - KV

## Range

Delivery size 250 mm to 900 mm (10" to 35")  
Capacity up to 13000 m<sup>3</sup>/hr (57,240 USgpm)  
Head up to 82 metres (262 ft)  
Temperature (-) 10°C to 90°C

Delivery size up to 450 mm (18")  
Capacity up to 3400 m<sup>3</sup>/hr (14,970 USgpm)  
Head up to 55 metres (176 ft)  
Temperature (-) 10°C to 140°C

Delivery size from 40 mm to 200 mm (1 5/8" to 8")  
Capacity up to 750 m<sup>3</sup>/hr. (3302 USgpm)  
Head up to 48 metres. (154 ft)  
Temperature (-) 10°C to 90°C

Delivery size 50 mm to 150 mm (2" to 6")  
Capacity up to 260 m<sup>3</sup>/hr (1144 USgpm)  
Head up to 22 metres. (70 ft)  
Power rating 2.2 kw to 7.5 kw (3 hp to 10 hp)

Delivery size from 32 mm to 65 mm (1 1/8" to 2 5/8")  
Capacity up to 70 m<sup>3</sup>/hr. (308 USgpm)  
Head up to 102 metres. (326 ft)  
Power rating 0.75 kw to 15 kw (1 hp to 20 hp)

Delivery size up to 80 mm (3 1/8")  
Capacity up to 200 m<sup>3</sup>/hr (880 USgpm)  
Head up to 64 metres (205 ft)  
Temperature (-) 30°C to 100°C

Vacuum up to 650 mm (26") of Mercury  
Air Flow Rate up to 55 m<sup>3</sup>/hr (242 USgpm)  
Power rating 0.75 Kw to 2.2 Kw (1 hp to 2 hp)

## Features

- Horizontal Shaft, single stage, single suction pumps with back pull-out type design.
- 50HZ/60HZ availability.

- Single Stage, end suction, horizontal non clog pumps
- Also available in vertical design.

- Non-clog two vane or single vane enclosed impeller.
- Permissible solid size up to 105 mm. (maximum)
- Gland packed/ Mechanical Seal
- 50HZ/60HZ availability.

- Gland packed / Mechanical seal
- Withstands voltage fluctuation from 300 V to 400 V
- High suction lift

- Gland packed / Mechanical seal
- Suitable for voltage fluctuation from 300 V to 440 V.

- Single Stage, Single suction
- Conforming to DIN 2533 ND 16
- High efficiency Volute type casing

- Voltage range from 180V to 240V - for single phase
- Voltage range from 300V to 440 V for three phase
- Class of insulation 'B' Models are with IP44 protection

## Applications

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

- Effluents, sewage, muddy, viscous, contaminated liquids containing solids in suspension, in sugar factories, sewage pumping stations, chemical, fertilizer, pulp and paper, food and steel industries.

- Effluents
- Raw sewage
- Storm water
- Waste water

- Irrigation
- Water Supply

- Agriculture
- Industrial usage
- Domestic water supply
- Drinking water supply
- Water supply schemes

- Booster Service
- Pumping Clear or turbid water up to 3000 ppm
- Sprinkler Irrigation

- Drying, Evaporation, Distillation
- Evacuation of air from suction pipes and chambers
- Filtration, Sterilisation
- Priming of large pumps
- Twist drilling machine bottle filling



Sewage Handling Pumps at Versova, Maharashtra, India.



Monobloc Pump in use for water supply at a site in India

# Kirloskar Pumps & Valves Showcase



**Vacuum Pumps**

Type - DV



**Self-Priming Pumps**

Type-SP/SPM



**Two Stage End Suction Pumps**

Type-KHDT+



**End Suction Pumps**

Type - CE



**End Suction Process Pumps**

Type-PCE/PCH



**End Suction Process Pumps**

Type-KPD/KPDS



**Solids Handling Pumps**

Type-SHM/SHS

## Range

Vacuum up to 650 mm (26") of Mercury

Air Flow Rate up to 162 m<sup>3</sup>/hr (713 USgpm)

Power-rating 3.7 kW to 7.5 kW (5.0 hp to 10.0 hp)

Delivery size from 40 mm to 150 mm (1 5/8" to 6")

Capacity up to 275 m<sup>3</sup>/hr. (1210 USgpm)

Head up to 34 metres. (109 ft)

Power rating 0.75 Kw to 19.5 Kw (1 hp to 27 hp)

Delivery size from 40 mm to 65 mm (1 5/8" to 2 5/8")

Capacity up to 68 m<sup>3</sup>/hr. (300 USgpm)

Head up to 104 metres (333 ft)

Power rating 3.7 Kw to 15 Kw (5 hp to 20 hp)

Delivery size up to 125 mm (5")

Capacity up to 660 m<sup>3</sup>/hr (2906 USgpm)

Head up to 100 metres (320 ft)

Temperature (-)10°C to 140°C

Delivery size from 25 mm to 80 mm (1" to 3 1/8")

Capacity up to 120 m<sup>3</sup>/hr. (528 USgpm)

Head up to 70 metres. (224 ft)

Temperature 5°C to 90°C

Delivery size from 20 mm to 200 mm ( 3/4" to 8")

Capacity up to 750 m<sup>3</sup>/hr. (3300 USgpm)

Head up to 150 metres. (480 ft)

Temperature (-) 50°C to 350°C.

Delivery size up to 200 mm ( 8" )

Capacity up to 2400 m<sup>3</sup>/hr. (10567 USgpm)

Head up to 90 metres. (288 ft)

Temperature (-) 10°C to 140°C

## Features

- 1 Sturdy casing, provided with foot, suction and delivery nozzles
- 1 Grease lubricated deep groove ball bearings
- 1 Easy maintenance and spares availability

- 1 Available in monobloc version
- 1 Self-priming
- 1 Back pull-out design

- 1 Available with belt drive
- 1 Electric Motor / engine drive

- 1 Conforming to DIN 24256 and ISO 2858
- 1 Single stage with back pull-out type design
- 1 Gland packed/ Mechanical Seal
- 1 Suitable for 3500 rpm

- 1 Gland packed/ Mechanical seal
- 1 50HZ / 60HZ availability

- 1 Conforming to DIN 24256 & ISO 2858
- 1 Back pull-out design
- 1 Generally conforming to API 610
- 1 Gland packed / Mechanical seal
- 1 50HZ / 60HZ availability
- 1 Also available in vertical execution

- 1 Solid size up to 105 mm (maximum)
- 1 Back pull-out design
- 1 Gland packed/ Mechanical Seal
- 1 50HZ/60HZ availability.
- 1 Also available in vertical execution.

## Applications

- 1 Drying, Evaporation,
- 1 Distillation, Filtration, Sterilisation,
- 1 Evacuation of air from suction pipes and chambers
- 1 Priming of large pumps
- 1 Twist drilling machine, bottle filling

- 1 Sewage/muddy water
- 1 Trash

- 1 Irrigation
- 1 Sprinkler irrigation
- 1 Water supply

- 1 Air conditioning
- 1 Condensate water supply
- 1 Fire fighting and Booster Services
- 1 Sprinkler system handling clear and turbid water upto 3000 ppm

- 1 Fertilizer
- 1 Petrochemical
- 1 Refinery

- 1 Air-conditioning
- 1 Condensate extraction
- 1 Distilleries
- 1 Edible oil, sugar, textile and process industries.
- 1 Water treatment plants

- 1 Powdered material slurries
- 1 Sewage
- 1 Sludge
- 1 Sugar factory waste



Mixed Flow Pumps for sewage application at Faiyad Egypt.



Vertical Turbine Pumpsets in operation for water supply scheme at Sabah, East Malaysia.

# Kirloskar Pumps & Valves Showcase



End Suction Pumps

Type-DB (Large size)



End Suction Pumps

Type-CPHM



End Suction Mixed Flow Pumps

Type-MF/MFX



Shallow Well Jet Pumps

Type - PP



Jet Pumps

Type-KJ+/KJ-V



Submersible Pumps

Type-Winner



Submersible Pumps

Type - Champion

## Range

Delivery size 150 mm to 300 mm (6" to 12")  
Capacity up to 1900 m<sup>3</sup>/hr. (8866 USgpm)  
Head up to 35 metres. (112 ft)  
Temperature (-)10°C to 90°C

Delivery size from 20 mm to 200 mm (3/4" to 8")  
Capacity up to 750 m<sup>3</sup>/hr. (3300 USgpm)  
Head up to 150 metres. (480 ft)  
Temperature (-) 30°C to 90°C.

Delivery size from 200 mm to 650 mm (8" to 26")  
Capacity up to 7000 m<sup>3</sup>/hr. (30,820 USgpm)  
Head up to 30 metres. (90 ft)  
Temperature 5°C to 140°C

Delivery size up to 25 mm (1")  
Capacity up to 2880 litres per hour (13 USgpm)  
Head Up to 54 metres (173 ft)  
Power Rating 0.37 kW to 1.1 kW (0.5 hp to 1.5 hp)

Delivery size from 25 mm to 40 mm (1 to 1 5/8")  
Capacity up to 8.9 m<sup>3</sup>/hr. (40 USgpm)  
Depth up to 48 metres (154 ft)  
Power rating 0.37 kw to 2.2 kw (1 hp to 3 hp)

Suitable for borewells diameter 100 mm (4") and more  
Capacity up to 19m<sup>3</sup>/hr (85 USgpm)  
Head up to 249 metres. (797 ft)  
Power rating 0.37 kw to 4.0 kw (1 hp to 5 hp)

Suitable for borewells diameter 150 mm (6")  
Capacity up to 72 m<sup>3</sup>/hr. (312 USgpm)  
Head up to 200 m (640 ft)  
Power rating 2.2 Kw to 15 Kw (3 hp to 5 hp)

## Features

- Back pull-out design
- Gland packed/ Mechanical seal
- 50HZ / 60HZ availability

- Conforming to DIN 24256/ISO 2858
- Back pull-out design
- Gland packed/ Mechanical seal
- 50HZ / 60HZ availability

- Low head, high capacity pumps
- Gland packed / Mechanical Seal
- 50HZ / 60HZ availability
- Option available in horizontal as well as vertical delivery position

- Easy convertibility to Monobloc Pump as well as Deepwell Jet Pump
- Withstand wide voltage fluctuations from 180 V to 240 V (Single Phase)
- Models are with IP-44 protection

- Available in horizontal or vertical execution
- Twin type/Duplex type jet unit
- Gland packed / Mechanical seal
- Single phase / Three- phase

- Pump bearings are water lubricated
- Suitable for high voltage fluctuation
- Wet type submersible motors
- Water-cooled and water-lubricated

- Multistage
- High speed
- Radial flow / mixed flow
- Low power consumption per stage
- Nitrile rubber bushes Suitable for voltage fluctuation 200 V to 440 V

## Applications

- Aqua Culture
- Irrigation
- Sugar Industries
- Water supply

- Air-conditioning
- Booster service
- Fire fighting

- Air-conditioning
- Drainage
- Irrigation
- Storm water

- Domestic pressure boosting
- Irrigation
- Water supply for domestic
- Industries for clear water handling

- Gardening, nursery
- Water supply

- Agriculture
- Irrigation
- Sprinkler irrigation
- Water supply

- Agriculture
- Booster and fire fighting
- Sprinkler irrigation
- Water supply scheme for industries, construction, cooling and air conditioning installations



Pontoon Mounted Mixed Flow Pumpsets for irrigating paddy fields along Mekong river, the lifeline of Lao PDR



Concrete Volute Pumps installed at the National Thermal Power Corporation, Vindhyaachal, India.

# Kirloskar Pumps & Valves Showcase



End Suction Pumps

Type - KE+



End Suction Pumps

Type-NW+/NW-D



End Suction Pumps

Type-KH



Multistage Pumps

Type - SR



Submersible Pumps

Type-KOS



Belt Driven Pump

Type - KSP



End Suction Pumps

Type-DB/DBHS/DBM

## Range

Delivery size up to 100 mm (4")  
Capacity up to 125 m<sup>3</sup> / hr. (550 USgpm)  
Head up to 23 metres (74 ft)  
Power rating up to 5.9 Kw (8 hp)

Delivery size from 50 mm to 150 mm (2" to 6")  
Capacity up to 350 m<sup>3</sup>/hr. (1540 USgpm)  
Head up to 42 metres. (134 ft)  
Power rating 2.2 kw to 18.33 kw (3 hp to 25 hp)

Delivery size from 25 mm to 50 mm (1" to 2")  
Capacity up to 44 m<sup>3</sup>/hr. (194 USgpm)  
Head up to 52 metres (166 ft)  
Power rating 0.25 kw to 7.5 kw (0.3 hp to 10 hp)

Delivery size up to 65 mm (2<sup>3</sup>/<sub>8</sub>")  
Capacity up to 53 m<sup>3</sup> / hr. (233 USgpm)  
Head up to 136 metres (435 ft)  
Power rating up to 19.0 kW (26 hp)

Delivery size up to 100 mm (4")  
Capacity up to 110 m<sup>3</sup>/hr (484 USgpm)  
Head up to 64 metres. (205 ft)  
Power rating 2.2 kW to 7.5 kW (3 hp to 10 hp)

Delivery Size up to 100 mm (4")  
Capacity up to 170 m<sup>3</sup> / hr. (750 USgpm)  
Head up to 38 metres. (122 ft)  
Power rating 3.7 kW to 15 kW (5 hp to 20 hp)

Delivery size from 32 mm to 150 mm (1<sup>1</sup>/<sub>4</sub>" to 6")  
Capacity up to 550 m<sup>3</sup>/hr. (2422 USgpm)  
Head up to 100 metres. (320 ft)  
Temperature (-)10°C to 100°C.

## Features

- Back pullout type
- Suction lift upto 8 meters.
- Easy maintenance and spares availability
- Grease lubricated deep groove ball bearings.

- Available with direct/pulley drive
- Electric Motor / engine drive

- Electric Motor / engine drive

- Designed to run direct/through pulley with an engine/motor
- Minimum variation in efficiency
- Dynamically balanced rotating parts
- Grease lubricated deep groove ball bearings

- Pump bearings are water lubricated
- Wet type submersible motors
- Water-cooled and water-lubricated
- Suitable for high voltage fluctuation

- High efficiency
- Fast and loose pulley construction
- Automatic air release
- Long bearing life
- High suction lift

- Conforming to DIN 24255
- Back pull-out design
- Gland packed / Mechanical seal
- 50HZ/60HZ availability

## Applications

- Irrigation
- Industries for clear water handling
- Water supply for domestic use

- Irrigation
- Water Supply

- Irrigation
- Sprinkler Irrigation
- Water supply

- Boiler feed
- Dewatering in mines
- Fire-Fighting
- Sprinkler/Conventional Irrigation
- Water supply for domestic use

- Agriculture
- Irrigation
- Sprinkler irrigation
- Water supply

- Agriculture (River/Open well)
- Dug-cum-borewell
- Water supply

- Air-conditioning
- Booster service
- Fire fighting
- Sprinkler systems



Axially Splitcase Pumps in vertical execution, for a water supply scheme in Kedah, Malaysia.



DB Pumps for firefighting application.