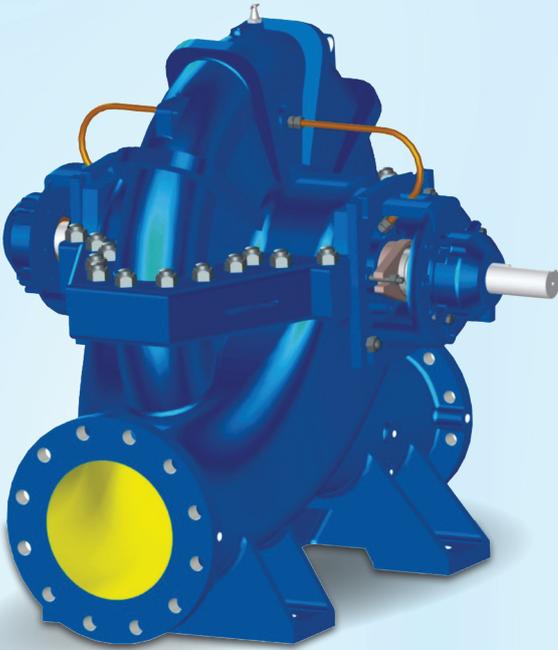




Enriching Lives

HORIZONTAL AXIALLY SPLIT-CASING PUMPS

TYPE- SCT (Extended)



Constructional Features:

These are horizontal axially split casing, single stage, double suction or single suction pumps with horizontal shaft and detachable stuffing box called Insert. Variety of models are available to operate to 50Hz.

Special Features:

- Direct or gear drive
- Suitable for higher working pressures
- Rotating assembly available for inspection or maintenance by removing only upper half casing without disturbing suction and delivery piping and motor
- Pump axis horizontal or vertical
- Vertical pump, direct drive or with universal shaft arrangement
- Better hydraulic and overall efficiency due to latest design and manufacturing techniques
- High efficiency in the operating range
- Good suction performance and low NPSH
- Stable characteristics
- Minimum maintenance required
- Vibration free performance
- Highest reliability

Range:

Delivery size: up to 350 mm

Capacity: up to 4000 m³/hr

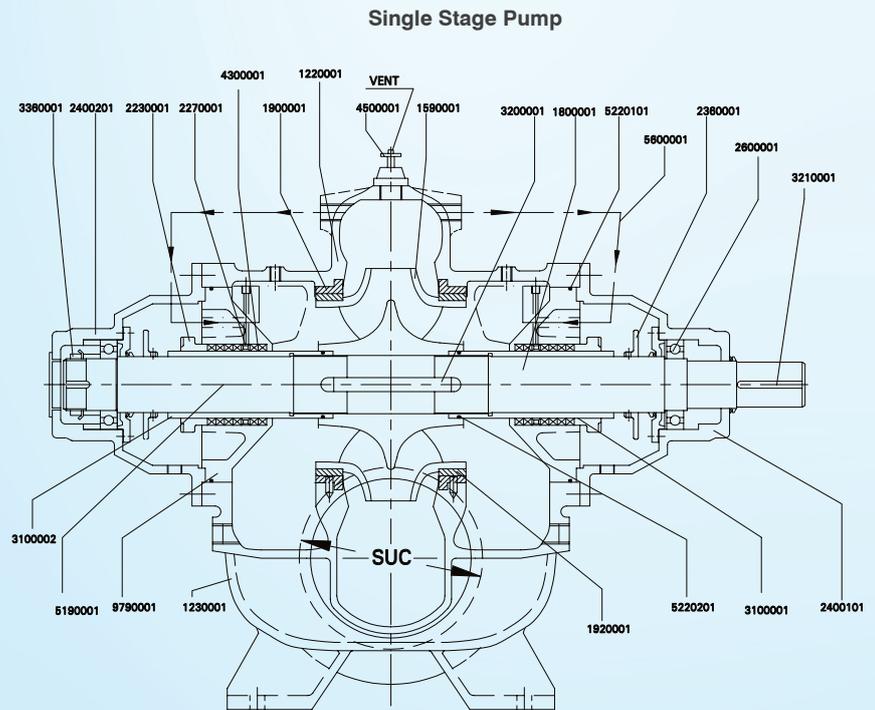
Head: up to 240 metres

Temperature range: (-) 10°C to 100°C

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. Suitable for liquids having temperature in the range of (-) 10°C to 100°C

Cross Sectional View:



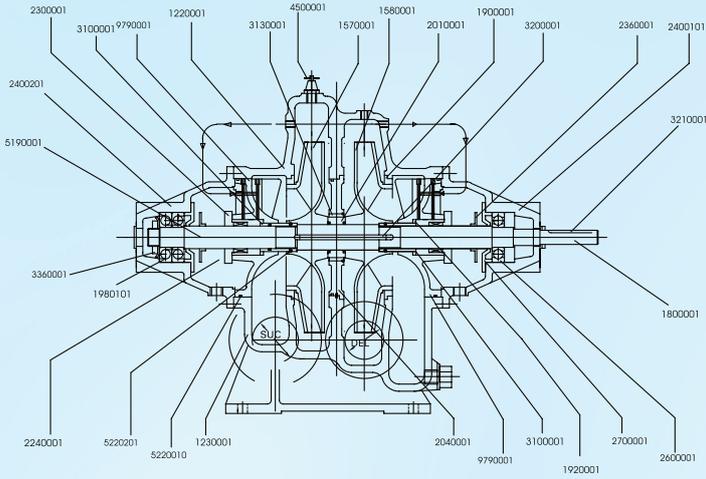
KIRLOSKAR BROTHERS LIMITED

Established 1888

A Kirloskar Group Company

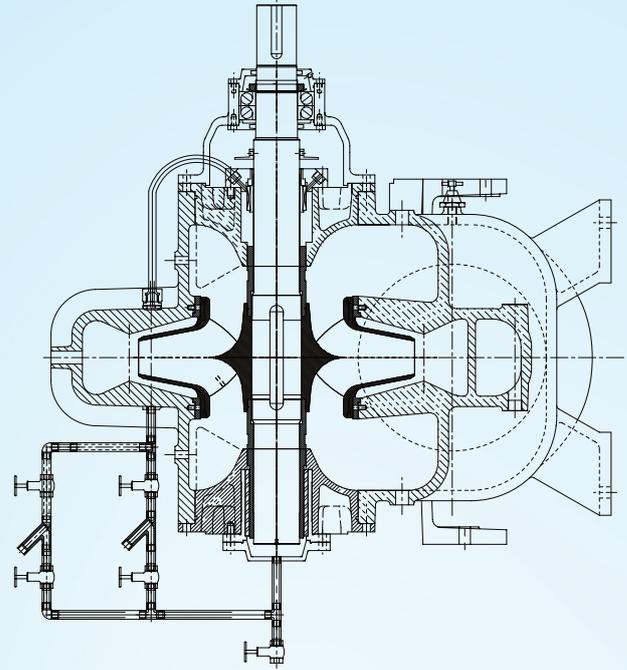
Cross Sectional View:

Horizontal Execution



Two Stage Pump

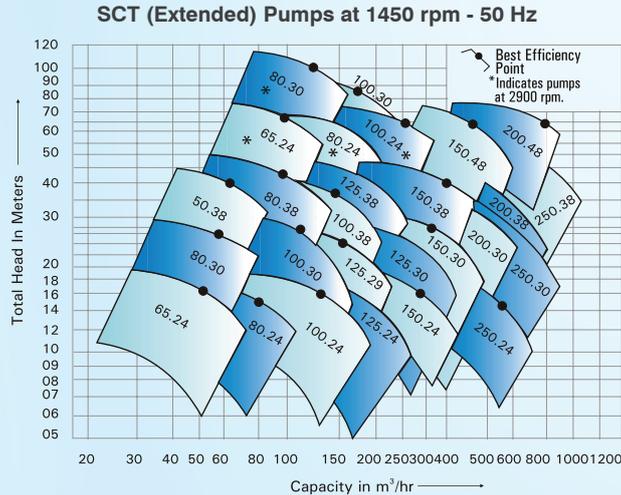
Vertical Execution



Material Of Construction:

Casing Half Upper/ Lower	Cast Iron/ Cast Steel/ Stainless Steel/ Duplex Steel/ Super Duplex
Impeller	Cast Iron/ Bronze/ Phosphor Bronze/ Cast Steel/ Stainless Steel/ Chrome Steel/ Duplex Steel/ Super Duplex
Wear Ring	Cast Iron/ Bronze/ Steel/ Super Duplex
Shaft	Carbon Steel/ Stainless Steel/ Duplex Steel/ Super Duplex
Shaft Sleeve	Stainless Steel/ Bronze/ Super Duplex

Family Curve:



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OUR COMPANIES



REGISTERED OFFICE & GLOBAL HEADQUARTERS

"Yamuna", S. No. 98/(3-7), Plot No. 3, Baner, Pune - 411 045, Maharashtra, India.

Toll Free: 1800-123-4443 | Phone: +91 (20) 67214444

Email: marketing@kbl.co.in | Fax No. 020 67211060

Website: www.kirloskarpumps.com | CIN No. L29113PN1920PLC000670

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