



Enriching Lives

KIRLOSKAR BROTHERS LIMITED

Let's celebrate the spirit



1nnovation delivers leakage and maintenance
... a tribute to the centenary of a movement called Kirloskarvadi!



Kirloskarvadi Centenary

Saluting The Spirit

100 years ago, when Laxmanrao Kirloskar, one of the founding fathers of the Indian industry, set his foot on a stretch of barren land, it might have been a small step for him... but it was a giant leap for India's emergence as an industrial powerhouse. Because, there he established an industrial township called Kirloskarvadi that was to later evolve into a movement, effecting powerful transformations in millions of lives across the Globe.



In Pursuit of Innovation

Kirloskar Brothers Limited are the proud torchbearers of this legacy and have stayed ahead of the leading edge of technology by leveraging the power of innovation.

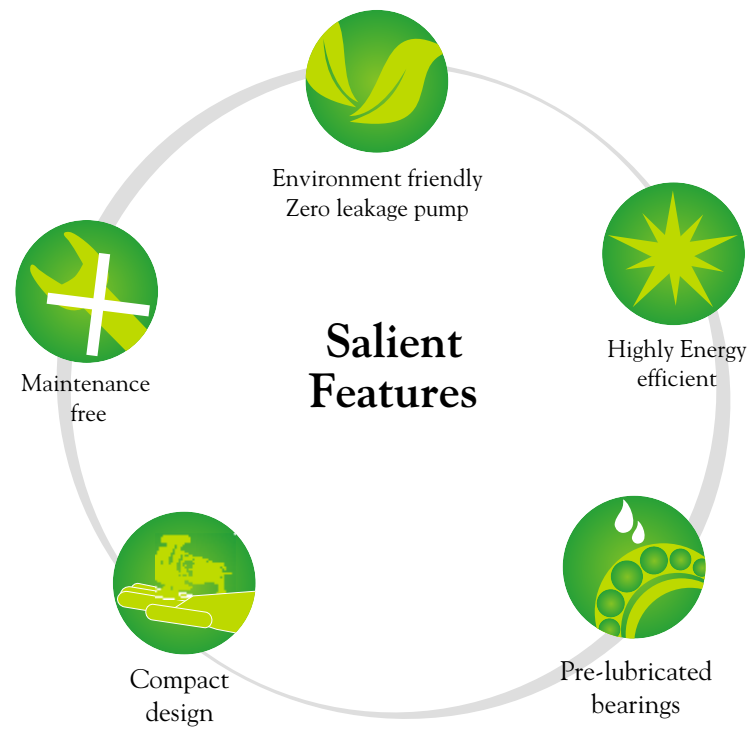
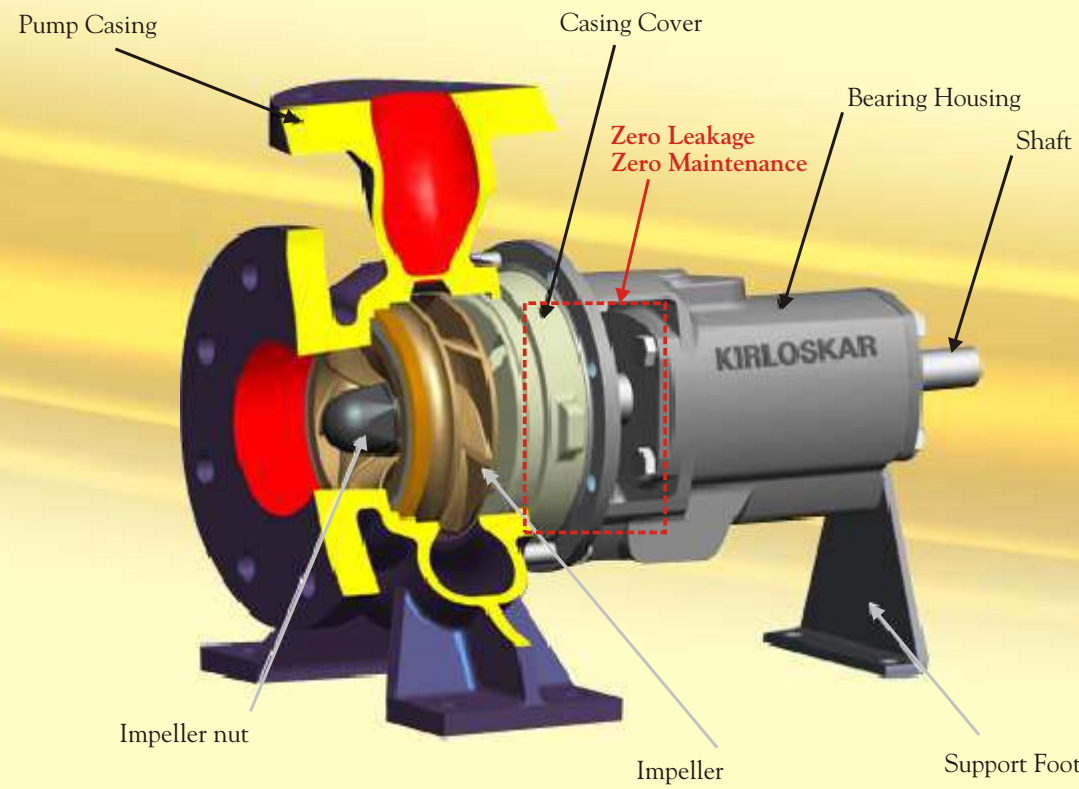
i-mission is an initiative at KBL, that focuses on continuous user interaction to understand their specific needs and then unleashing the power of innovation to deliver the right solutions.



iCP Series - The Essence of A Century of Engineering Excellence

Celebration, in the best Kirloskar tradition, is in achieving the next level of excellence! True to this tradition, KBL is proud to present the new **iCP Series Centenary Pumps** for the chemical industry. Being totally seal-less and gland-less, the iCP series pumps deliver high efficiency with 0 leakage and 0 maintenance... the perfect way to salute the 100 years that have gone by and to welcome the next 100 years of truly special achievements.

(Patent Pending)



- Pump without mechanical seal & without gland packing arrangement

- Sealing/flushing water not required

- Self venting design

- Pump with back pull out design

- Conforming to ISO 2858 standard

- Pump is sturdy yet light in weight

- Shaft is fully protected from liquid

- Widely interchangeable components

- Models available in 1450 & 2900 RPM



Applications

iCP Pumps suitable for :

- Light chemicals like caustic soda, weak acids etc.
- Food & Beverage industries (Sugar, Vegetable oils, etc.)
- Hot water, Brine, DM water, Lime water, etc.

Performance Range

- At 1450 rpm
Rate of flow [Q] up to 180 m³/hr
Head [H] up to 55 m
- At 2900 rpm
Rate of flow [Q] up to 150 m³/hr
Head [H] up to 85 m
- Temperature up to 95 °C

Material of Construction

MOC CODE	ALL CI	Br. FITTED	ALL CAST STEEL	CF8M FITTED	ALL CF8M
COMPONENT	(01)	(02)	(10)	(11)	(72)
CASING	CI	CI	CAST STEEL	CI	CF8M
CASING RING	CI	CI	CA15	CI	CF8M
IMPELLER	CI	BRONZE	CAST STEEL	CF8M	CF8M
SHAFT	40C8	40C8	40C8	40C8	SS316
SHAFT SLEEVE	SS410H	SS410H	SS410H	SS410H	SS410H

NOTE : H denotes hardened. For other material requirement Refer to Engineering.

