

RDLO

Axially Split Volute Casing Pumps

The RDLO is a single stage, double suction, axially split pump designed for maximum flexibility and a wide range of user needs and ranges of application.

RDLO is ideally suited for a wide range of municipal and industrial applications including: waterworks, irrigation and drainage pumping stations, power plants, shipbuilding, offshore production and petrochemical applications.

The RDLO series was developed with state of the art 3D software with computer -assisted simulation resulting in optimal hydraulics, long service life, and ease of maintenance.

For Further Information:
See KSB, Inc.'s Pumps & Mixers CD



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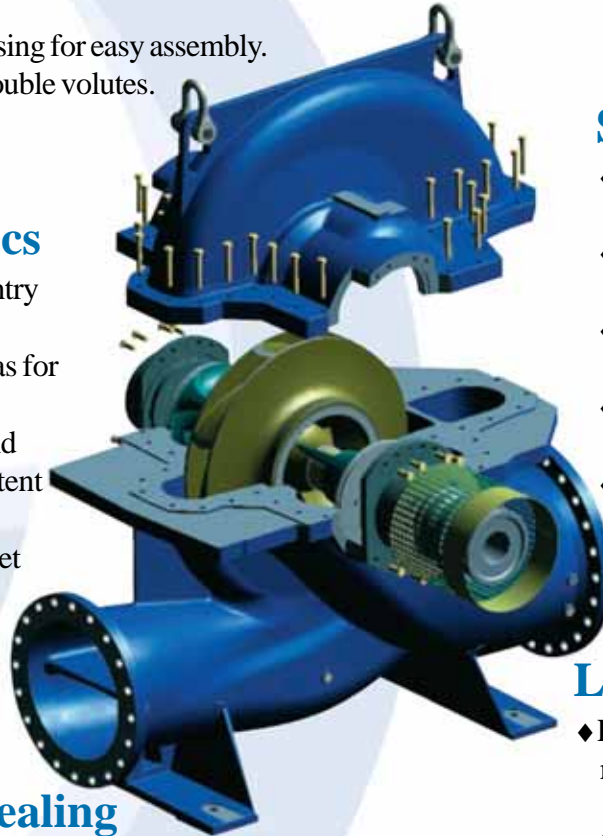


Innovative Casing

- ◆ Short Bearing Span for maximum life and minimal deflection.
- ◆ Solid, thick split parting flange with prestressed bolting for leak free operation.
- ◆ Self-aligning upper casing for easy assembly.
- ◆ All pump sizes with double volutes.

Excellent Hydraulics

- ◆ Computer optimized double entry impellers.
- ◆ Large inlet cross sectional areas for optimum suction behavior.
- ◆ Replaceable profiled casing and impeller wear rings for consistent high efficiency.
- ◆ Swirl free intake elbow for quiet operation, low wear and low energy loss.



Flexible Shaft Sealing Arrangements

- ◆ Asbestos free gland packing with reduced number of packing rings to ensure lubrication of all rings.
- ◆ Long throttle bushing with sealing water bore reduces pressure upstream of packing.
- ◆ Two piece gland for ease of maintenance
- ◆ Optional: balanced type mechanical seals.

Service Advantages

- ◆ Completely sealed, dry shaft for zero corrosion.
- ◆ Replaceable shaft protection sleeves
- ◆ No threads exposed to pumped media.
- ◆ Short, rigid shaft for vibration free operation.
- ◆ Elastically prestressed mountings for fast and easy assembly/ disassembly of rotor components

Long-Life Bearings

- ◆ Prestressed, grease lubricated rolling element bearings which are re-greaseable for long service life >100,000 hours in all operating ranges.
- ◆ Optional oil lubrication
- ◆ Closed bearing bracket for low noise and low vibration.

Technical Data:*

Discharge Size:	14" - 28"
Max. Flow:	50,000 gpm
Max. Head:	800 ft
Max. Temperature:	220 °F
Max. Pressure:	360 psi

*See model RDL for additional sizes