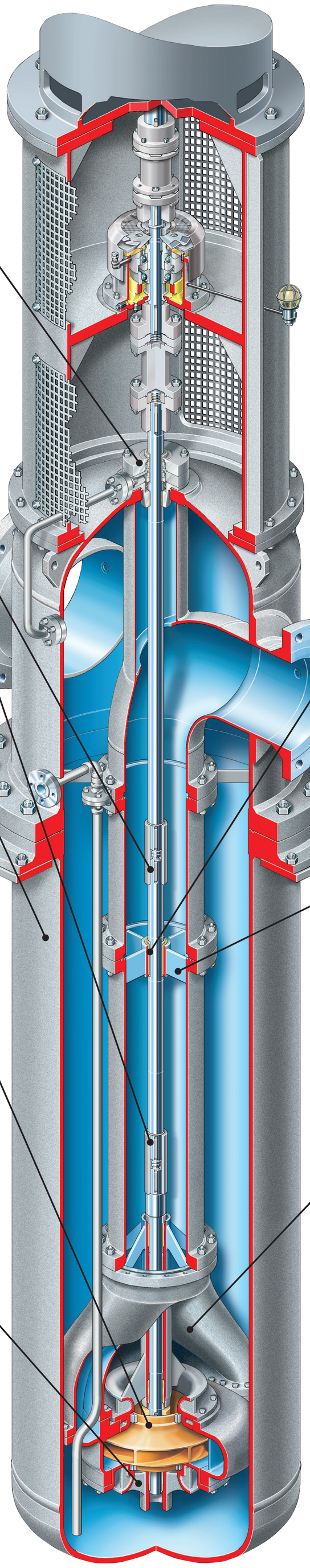
QLC and QLQC Series Double-Casing, Double-Suction, Twin-Volute Turbine Pumps



Versatile Seal Chamber

Accommodates installation of cartridge style single, dual unpressurized and dual pressurized mechanical seals to meet safety and environmental requirements

Keyed Line Shaft Couplings

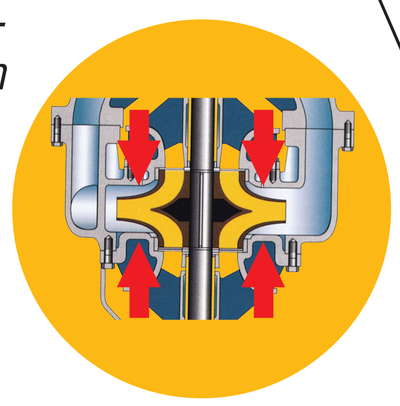
Ease of dismantling for maintenance

Suction Can

Creates optimum hydraulic conditions through the suction flange inlet into the suction bell

Double-Suction (First-Stage) Impeller Design

Boasts inherently balanced hydraulic thrust. The result is a stable performance curve with low shut-off pressure and increased thrust bearing life

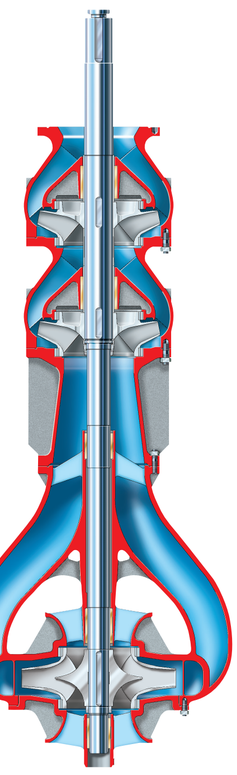


Renewable Impeller Wear Rings

When fitted, enable restoration of original clearances and promote high operating efficiency. Casing wear rings are standard

Available Multistage Design

Produces higher head while maintaining excellent suction attributes



Line Shaft Bearings

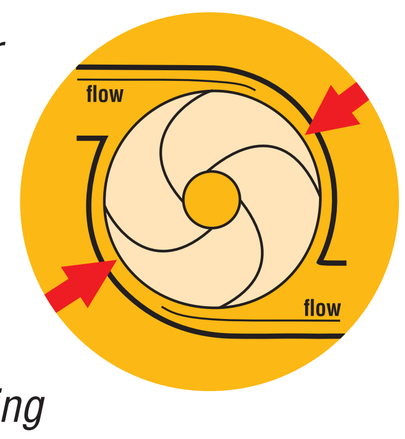
Spaced to ensure the first critical speed of the rotor is well above running speed. Sleeves are provided under bearings for additional shaft protection

Line Shaft Bracket

Integral to column and assures concentricity and alignment of the shaft for longer bearing life

True Twin-Volute Casing

Features a robust transition diffuser which moves liquid from the casing to the column at low velocity, thereby minimizing radial loads and extending bearing life



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FPD-1265 (E)
Printed in USA
November 2008

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