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

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

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

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

Keyed Line Shaft Couplings
Ease of dismantling for maintenance

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

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