

Aquaglide



Single Stage Large End Suction Pump

STEEL ALLOY ARRANGEMENT

The CLYDEUNION Pumps Aquaglide range of horizontal long coupled or vertical long coupled pumps is an established large end suction range suitable for high capacity applications.

- 26 individual pump frames sizes divided into 5 modular shaft groupings
- Horizontal and vertical configurations available
- Numerous sealing options available
- Material options also available for non-corrosive applications (refer to 'Aquaglide Cast Iron' datasheet)
- Back pull out design allows for easy removal of the pump rotating element without disturbing the pipe work ensuring ease of maintenance
- Designed for both 50Hz and 60Hz markets

TYPICAL APPLICATIONS

- Desalination
- Water Treatment, Supply and Distribution
- District Heating and District Cooling
- Irrigation
- De-watering
- Power Auxiliaries
- Paper Manufacturing
- Mining
- Metal Manufacturing
- Chemical and Petrochemical Industries
- General Industrial Applications
- Building Services

TECHNICAL DATA

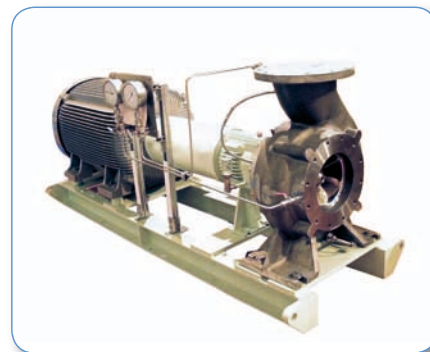
Capacity: up to 10,000 m³/hr/44,000 USGPM
 Delivery head: up to 120 m /400 feet
 Temperature: up to 100 °C /210 °F
 Speeds: up to 1,500 rpm
 Flange drilling: BS or ANSI

MATERIALS OF CONSTRUCTION & COMPONENTS:

Material Spec	Casing	Impeller	Shaft
Spec A8	Stainless Steel	Stainless Steel	Super Duplex
Spec D1	Duplex	Duplex	Super Duplex
Spec D2	Super Duplex	Super Duplex	Super Duplex

Please Note: A wide range of additional materials is available on request

Technical Data



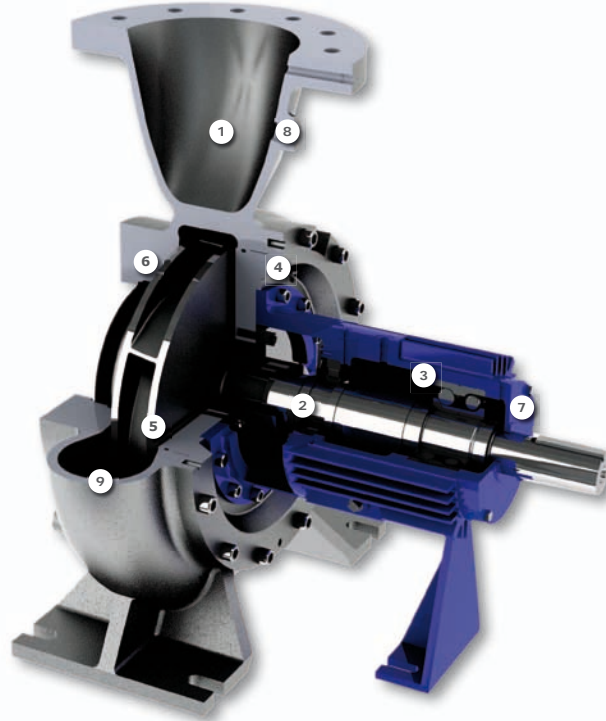
Pictured main: Aquaglide in Super Duplex material

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1 LOW ENERGY COSTS

Hydraulic design provides high efficiency, low NPSH and stable characteristics

2 OPTIMUM SEAL PERFORMANCE

Choice of seal - packed gland, single, double and cartridge options available

3 EXTENDED BEARING LIFE

Choice of bearing - single or double, oil or grease lubricated

4 EASE OF MAINTENANCE

Back pull out design allows full access without disturbing site pipe work or driver

5 LOW POWER CONSUMPTION

Shrouded impeller design provides high efficiency and low hydraulic thrust

6 WEAR OPTIONS

Casing wear rings fitted as standard, impeller wear ring option available

7 MODULAR DESIGN

Minimises spares holding of back pull out components

8 CENTRE LINE DISCHARGE

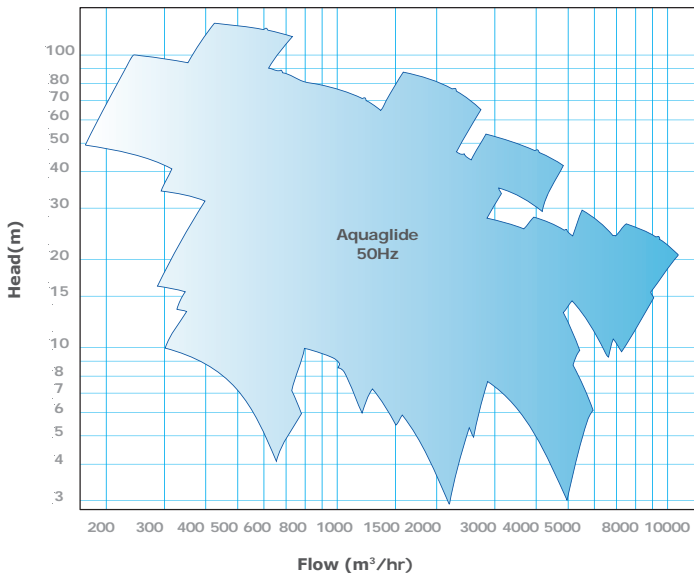
Self venting casing design prevents air entrapment in the top of the casing

9 SIMPLIFIED BUILD PROCEDURES

Spigot design facilitates self setting axial clearance

Features & Benefits

RANGE COVERAGE CHART: Aquaglide 50Hz 2 & 4 Pole



RANGE COVERAGE CHART: Aquaglide 60Hz 2 & 4 Pole

