

The CLYDEUNION Pumps Aquaglide range of high efficiency large end suction pumps has been developed for high capacity water pumping applications. A range of material and coating options is available catering for non-corrosive and corrosive applications including sea-water.



The CLYDEUNION Pumps Aquaglide range covers duties from 250 m³/hr to 10,000 m³/hr. The larger duties are covered by the engineered range (please contact your local representative for further details). For lower flow duties please refer to the Isoglide range of medium end suction pumps.

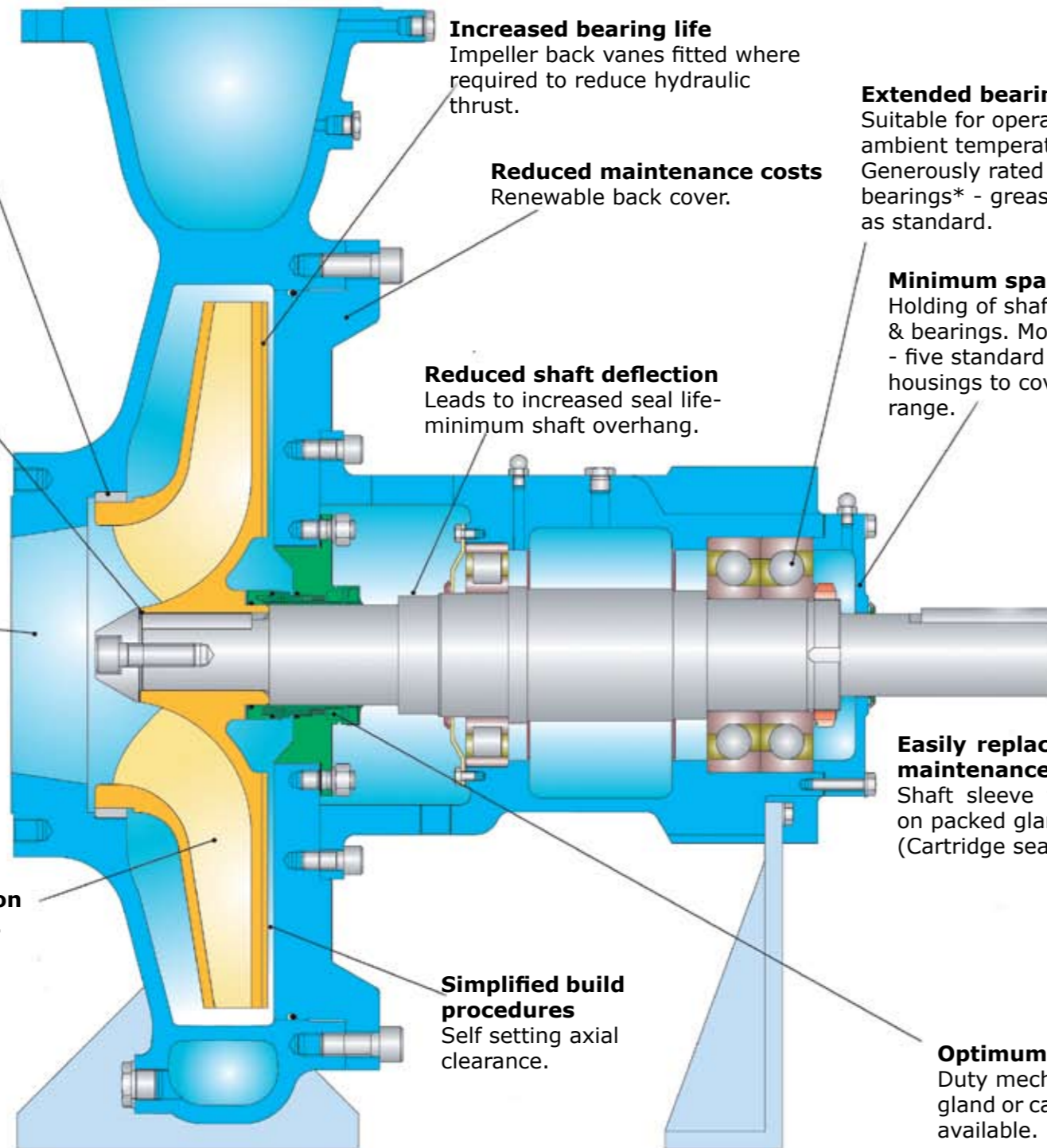


Allows pump efficiency
to be maintained. Renewable casing wear ring fitted as standard. Impeller wear ring optional.

Increased shaft life
Dry shaft design.

Allows pump efficiencies
To be enhanced & "as-new" efficiencies are maintained through the operating life of the pump. Efficiency & protective coatings available.

Reduced energy consumption
High efficiency impeller design.



Increased bearing life
Impeller back vanes fitted where required to reduce hydraulic thrust.

Reduced maintenance costs
Renewable back cover.

Reduced shaft deflection
Leads to increased seal life - minimum shaft overhang.

Extended bearing life
Suitable for operation in high ambient temperatures. Generously rated thrust bearings* - grease lubricated as standard.

Minimum spares
Holding of shafts, seals, sleeves & bearings. Modular construction - five standard shaft & bearing housings to cover the entire range.

Easily replaceable & reduces maintenance costs
Shaft sleeve fitted as standard on packed gland pump. (Cartridge seal option shown)

Optimum seal
Duty mechanical seal, packed gland or cartridge seal options available.

Simplified build procedures
Self setting axial clearance.

Specification

Applications:

- Water supply & treatment
- Water distribution
- Water treatment
- Irrigation
- De-watering
- Power/co-generation
- Desalination
- Mining
- Metal manufacturing
- Petrochemical
- General industrial utility

Technical data:

- Capacity: up to 10,000 m³/hr / 44,000 gpm
- Delivery head: up to 100 m / 330 feet
- Speed: up to 1,500 rpm
- Temperature: up to 100 °C / 210 °F
- Flange drilling: BS or ANSI

Sealing options:

- Choice of sealing arrangements available as standard
- Packed gland
 - Single spring mechanical seal
 - Single cartridge seal

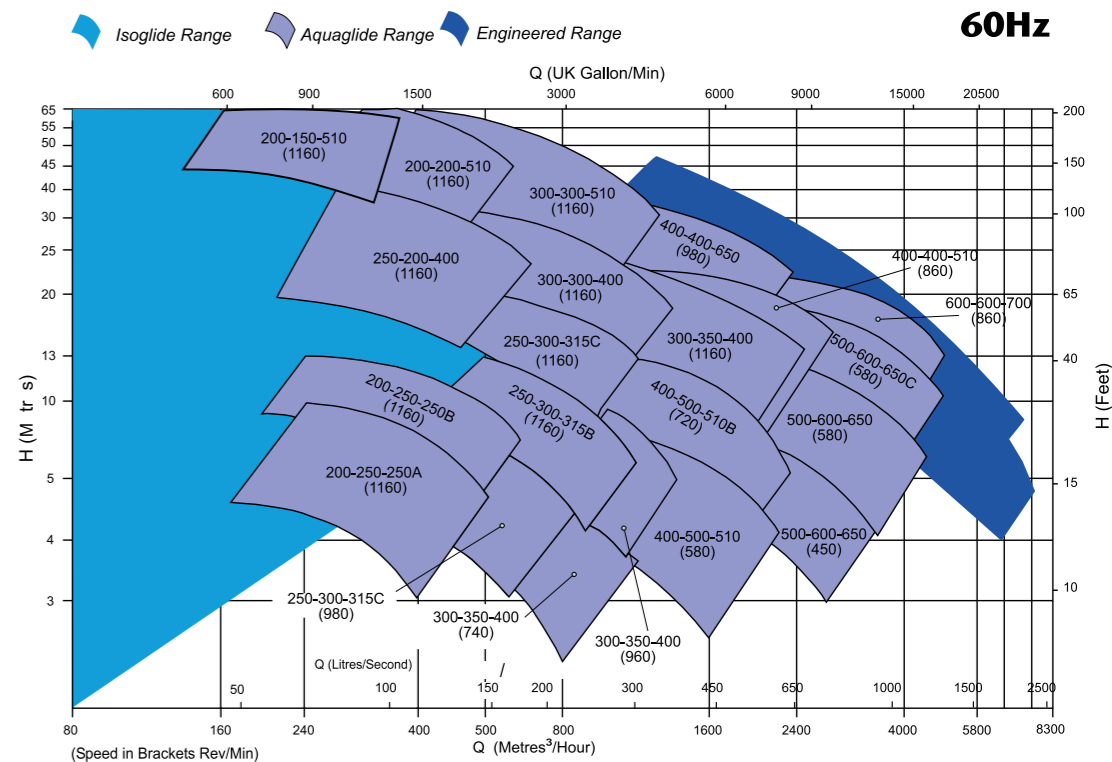
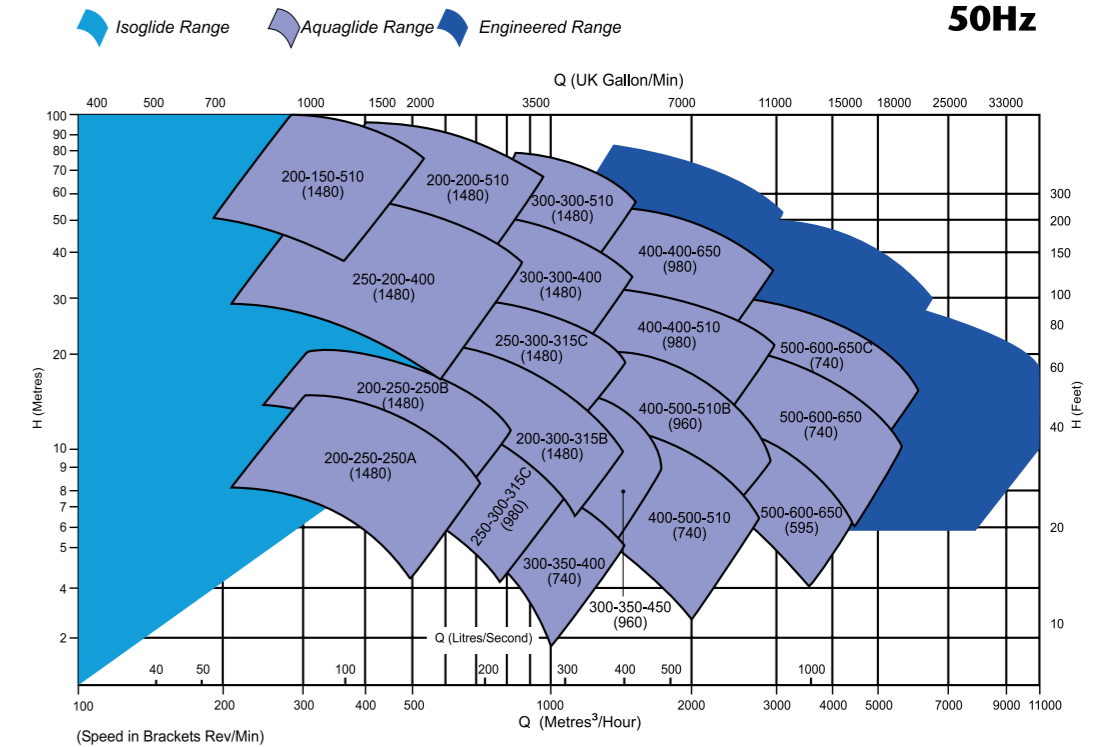
Installation:

- Horizontal
- Vertical

Standard pump materials of construction: (Casing - Impeller)

- Cast iron - Cast iron
- Cast iron - Bronze
- Cast iron - Stainless steel
- Ni-resist - Stainless steel
- Ni-resist - Duplex stainless steel
- Stainless steel - Stainless steel

Range Coverage Charts



*Single or double bearing depending on frame size.