

GPA - Multistage Centrifugal Ring Section Pump



Multistage centrifugal ring section pumps with modular design. The stage elements are in series configuration and are sealed by O-rings tightened by outer tie bolts. Multistage centrifugal ring section pumps with modular design. The stage elements are in series configuration and are sealed by O-rings tightened by outer tie bolts.

Axial thrust is hydraulically balanced by a balance drum. Residual thrust is absorbed by angular-contact ball bearings.

Materials Ductile iron, cast steel, stainless steel, and Duplex.

Markets:

- General water supply
- Pressure boosting
- Municipal water supply
- Drinking water supply
- Irrigation
- Boiler feed water
- Warm water
- Circulation
- Condensate
- Distillate
- Industry
- Filter systems
- Washing systems



Sectional View

1st Stage with different impeller.

For an improved NSPH.

Hydraulic Development

- High Efficiencies
- Low Operational Cost

Wear Rings

- High Resistant
- Easy to Install and Replace

Balancing Device

- Low Bearing load
- Low Pressure in Seal area
- Long life in Rolling bearings

Seal System

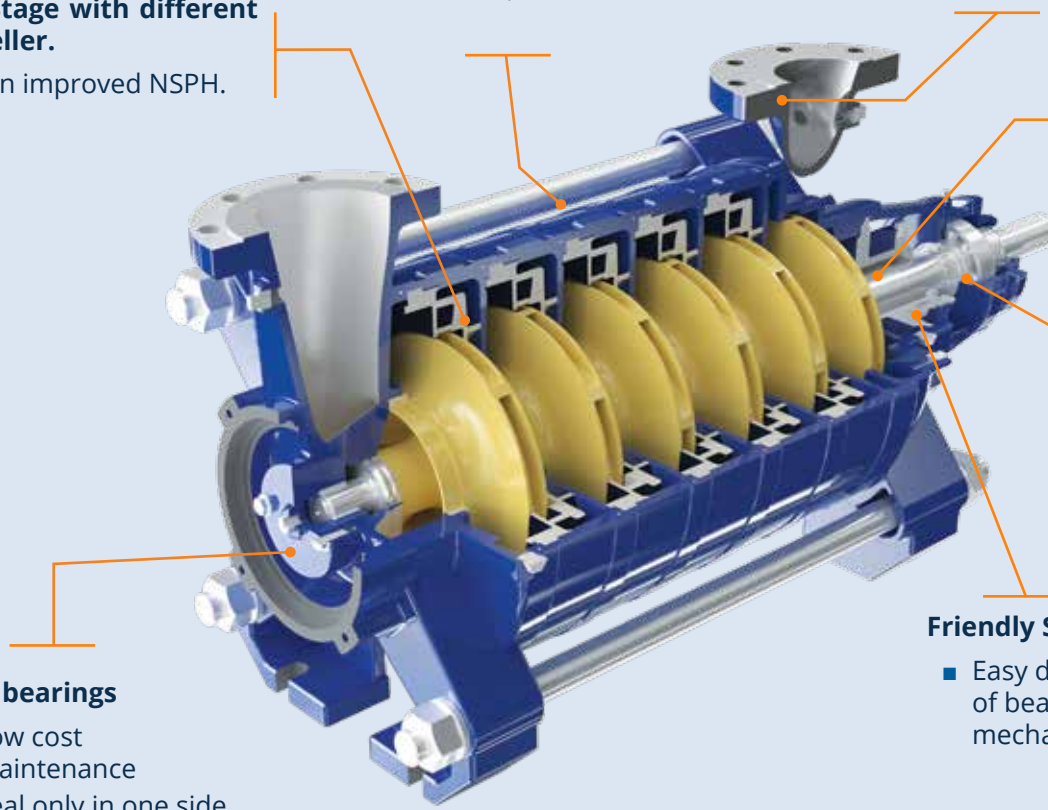
- Mechanical Seal System

Friendly Service

- Easy dismantling of bearing and mechanical seal

Plain bearings

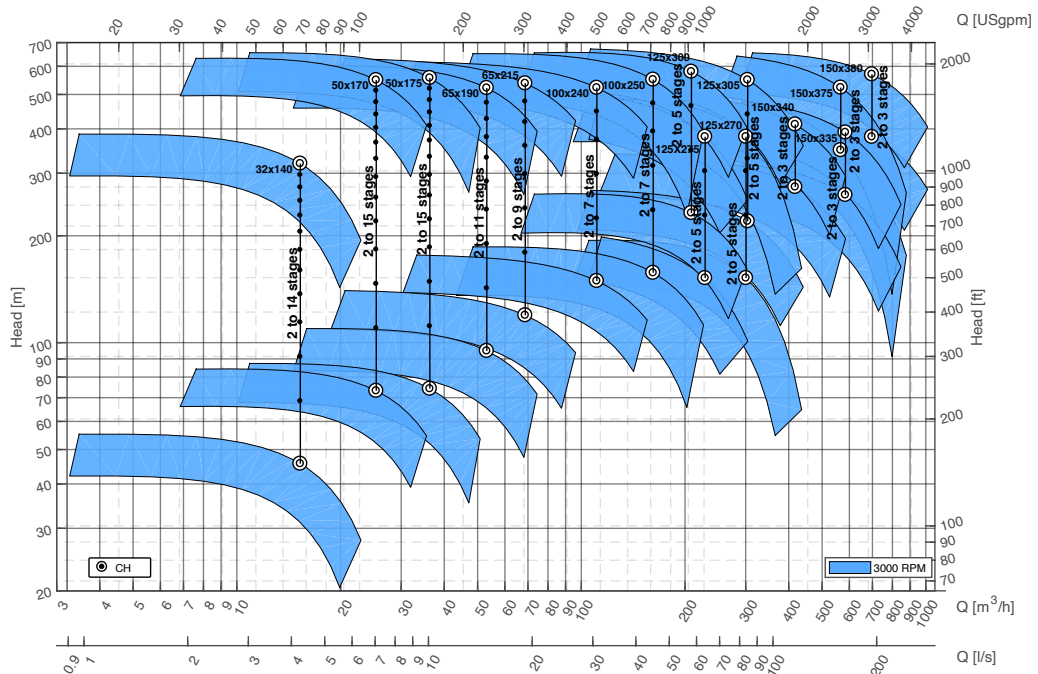
- Low cost maintenance
- Seal only in one side
- Long Service Life



*End-suction construction also available

*Higher heads achievable

Range Chart 50 Hz 2 Poles



Range Chart 60 Hz 2 Poles

