

DANFLO®

End Suction Centrifugal Pump



Application

- Fire protection
- HVAC
- Water resources
- Boosting system
- Cooling tower
- Hot water circulating

Design Features

- Complying with ISO 2858 and DIN 24255 standards
- Radially split casing with single volute
- Back pull-out design enabling removal of rotating assembly without disturbing pipework
- Closed coupled design available
- Heavy duty shaft and statically balance impeller benefits

Bearing Housing

Robust cast iron construction with only four bearing housings covering complete range of pumps which provide common interchangeable parts

Stuffing Box

Standard stuffing box fitted with mechanical seal. Gland Packing available on request

Impeller

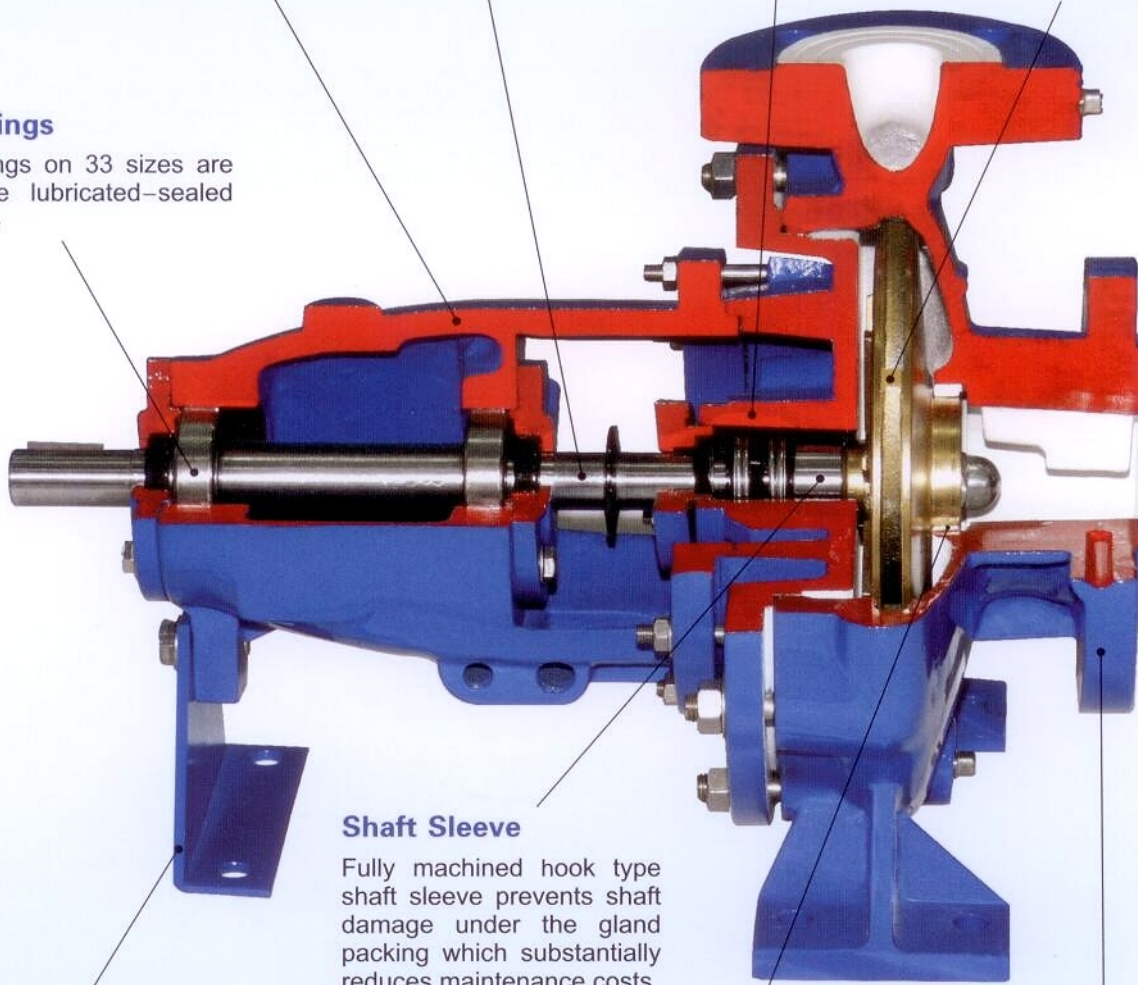
Double shrouded type hydraulically balanced and positively driven by shaft key and axially locked between sleeve and impeller nut

Shaft

Only four sizes of shaft to cover 37 sizes of WPA pump to reduce inventory

Bearings

Bearings on 33 sizes are grease lubricated-sealed for life

**Shaft Sleeve**

Fully machined hook type shaft sleeve prevents shaft damage under the gland packing which substantially reduces maintenance costs

Casing

The cast iron volute casing is robust design with integrally cast feet, vertical top centreline discharge and side suction

Support Foot

Each pump has a removable support foot fitted at drive end

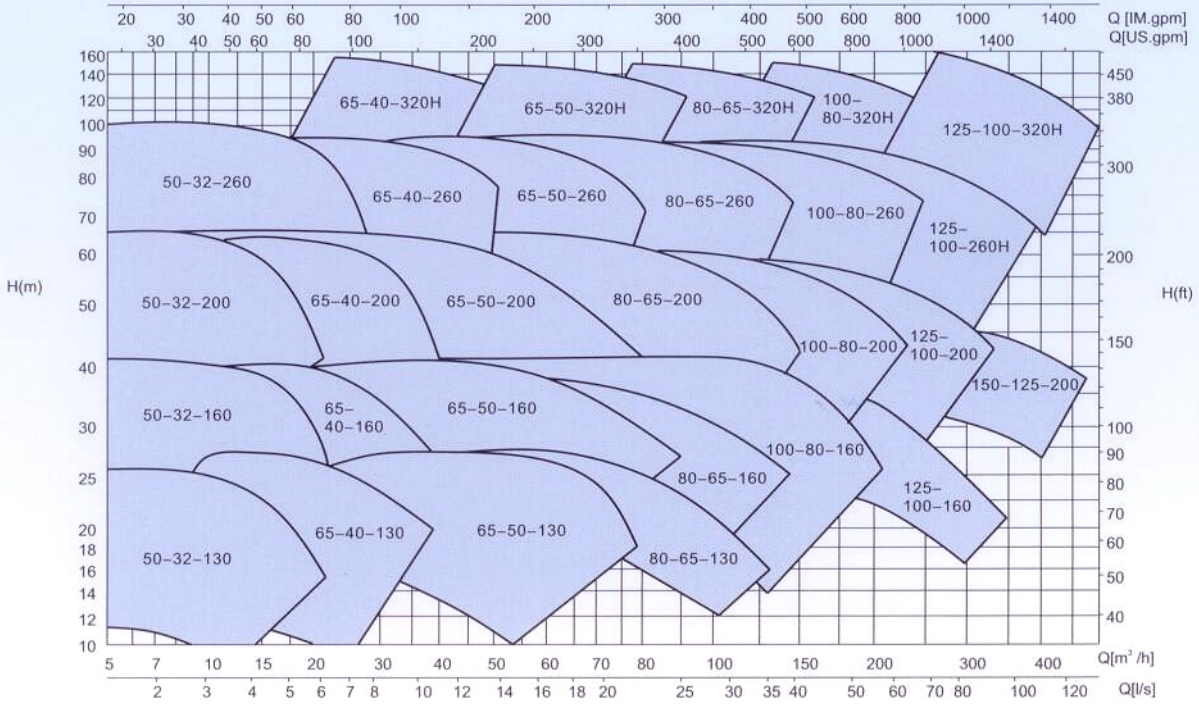
Wear Rings

Replaceable wear rings are fitted as standard to all casings and also to back covers on larger pumps which reduces maintenance time and cost

SELECTION CHART

n=2900rpm

Selection charts of WPA single stage centrifugal pump



n=1450rpm

Selection charts of WPA single stage centrifugal pump

