

The TAZN is a modular single stage centrifugal sump pump that uses hydraulic components from our Z range which comply with API 610 (ISO 13709). This pump offers solutions for thin or slightly contaminated liquids. For less stringent NON API applications this versatile unit can be supplied with a wide variety of competitive hydraulic options. See our TA(N)(F)(E) brochure for details.

APPLICATIONS

- Clean liquids
- Light/medium slurries
- Light/medium hydrocarbons

Examples:

- Amine Sumps
- Condensate return
- Flare knock out drum
- Oily water separation
- Sour/storm/rain water sumps
- Wash down pumps
- Caustic solutions
- Regen acid tanks
- Fuel oil/diesel oil sumps



FEATURES

- Double volute casing above 80mm reduces radial loads, beneficial for low flows
- Low NPSHr suits many duties
- Modular line shaft – Lengths up to 8m
- Easy maintenance...
Spacer coupling permits inspection of top bearings, replaceable wear plate
- Top mounted mechanical seal option
- Media or external lubrication option
- Space saving construction
- Circular or rectangular cover plate to suit

Construction

Line shaft with intermediate bearings
Shrouded impellers or semi open

Design Standards

API 610 latest ed. (VS4)
ISO13709
ISO5199 (Testing)
ATEX directive 94/4/EC

Hydraulic

Single stage, closed impeller, single/double radial spiral casing

Max Capacity

500 m³/h

Max Op. Pressure

25 Bar

Temperature

-40 up to 250 °C

Max Head

220 m

Max Pump Speed

3550 rpm (60Hz)

Impeller Size

160-400mm (6.4-16")

Pipe Size

25-250mm (1-10")

Materials

Wide range of alloys
incl NACE compliant

Design Life

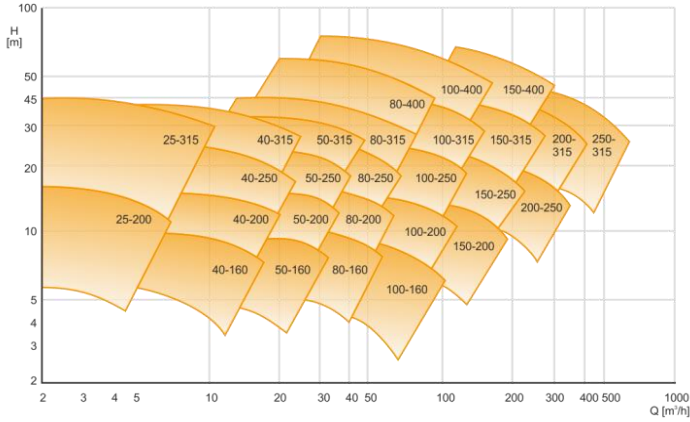
20 Years (3 years constant operation)

*Contact us for details

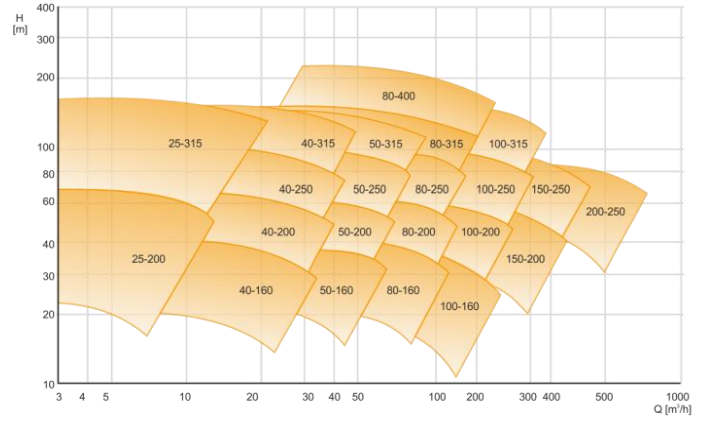


PERFORMANCE DATA

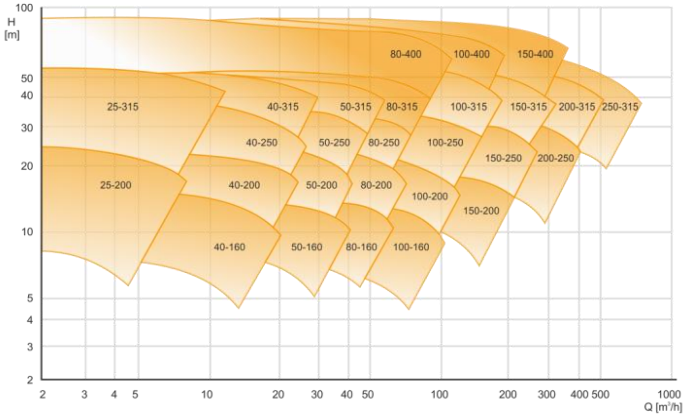
50Hz 1500 RPM



50Hz 3000 RPM



60Hz 1800 RPM



60Hz 3600 RPM

