

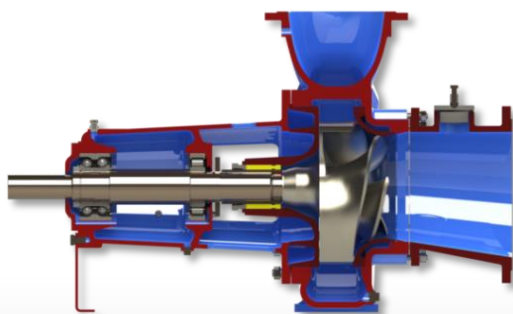
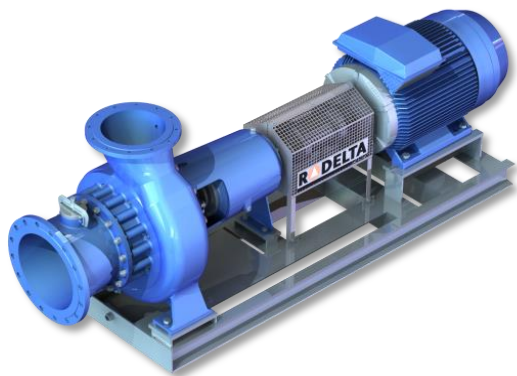
The ES is a heavy duty single stage centrifugal process pump principally designed to handle various homogeneous slurries and those that also contain entrained gasses. This versatile design also generally complies with the requirements of API 610 (OH1). Integral stud mounts at the suction inlet and the (centreline) top discharge flange offers both direct connection to plant pipework and prevents entrapped gasses.

APPLICATIONS

- Homogeneous slurries
- Medium Hydrocarbons
- Fibres and solids in suspensions
- Pre Treatment and Electro Coat paint
- Primary, Secondary & activated sludge
- Liquids with entrained gases

Examples:

- Oil & Gas
- Pulp, paper & Cellulose
- Sugar and starch processing
- Automotive plants
- Municipal waste water treatment
- Chemical & Petrochemical processes
- Industrial effluents



FEATURES

- High hydraulic efficiency.
- Gas handling ability
- Suitable for multiphase liquids
- Replaceable suction side wear plate
- Back pull out design
- Steep Q-H curve for good controllability
- Low NPSH value
- Large suction inlet minimizing entry losses
- Self venting casing

Construction Horizontal overhung
Flexible coupling with bearings

Design Standards API 610 latest edition**
ISO13709
ATEX 94/9/EC

Hydraulic Semi open impeller
Radial spiral casing

Max Capacity 3300 m³/h

Max Op. Pressure 16 Bar*

Temperature 120°C*

Max Head 80 m

Max Pump Speed 1750 rpm (60Hz)

Impeller Size 250-500mm (10-20")

Pipe Size 80-300mm (3-12")

Materials Wide range of alloys
incl NACE compliant

Design Life 20 Years (3 years
constant operation)

* For higher values contact us.

** With exceptions.



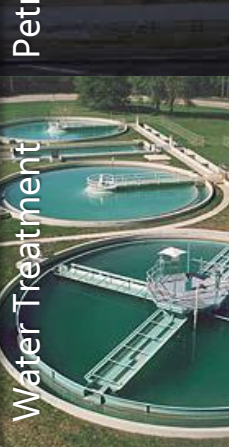
Oil & Gas



Paper & Pulp



Petrochemical



Water Treatment

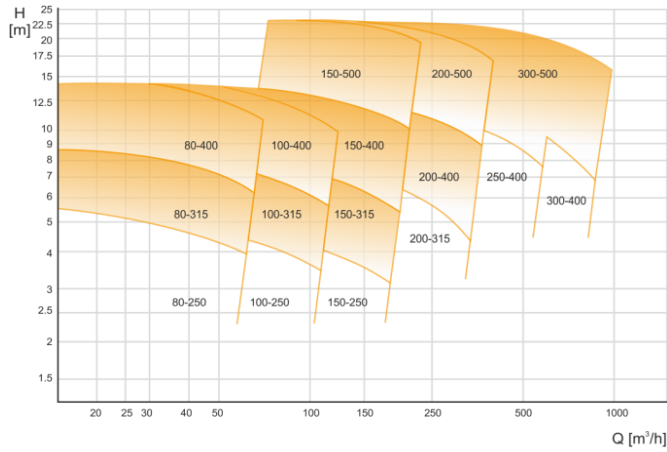


Drinking Water

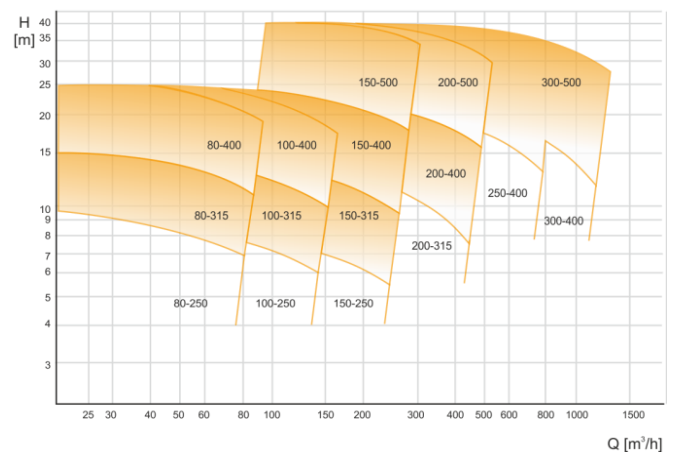
Food & Beverage

PERFORMANCE DATA

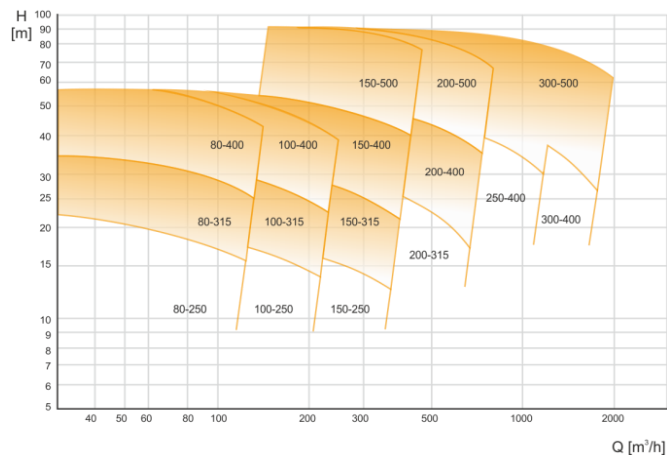
50Hz 730 RPM



50Hz 960 RPM



50Hz 1500 RPM



60Hz 1800 RPM

