

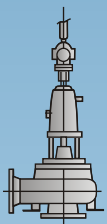
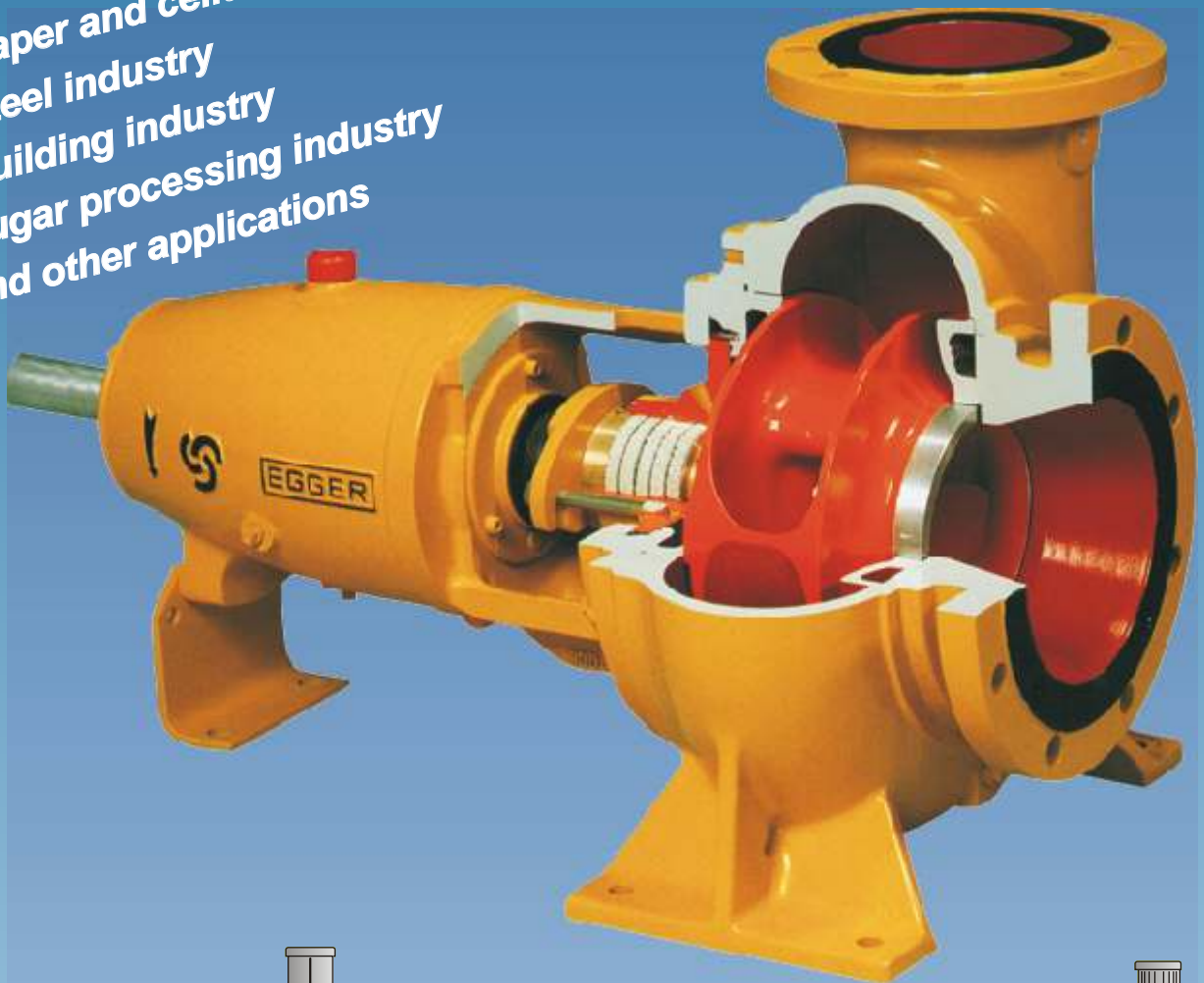


Solids-handling Pumps

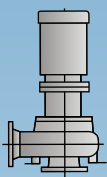
Channel impeller pumps series D

Pumps for clean and charged liquids in:

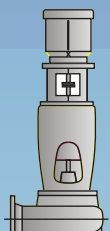
- environmental projects
- industrial effluents
- paper and cellulose industry
- steel industry
- building industry
- sugar processing industry
- and other applications



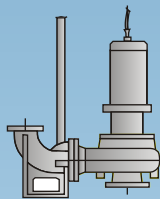
VK



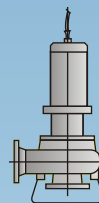
VF



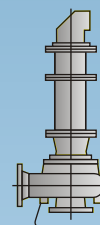
V



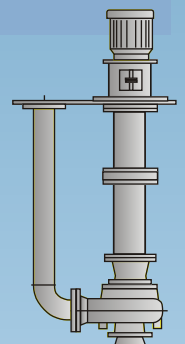
U



UM



FUH



S

General

- Single stage centrifugal pump for charged liquids.
- The impellers are of the two and three channel type with pressure relief back vanes.
- On the suction side, all casings are fitted with replaceable wear plates.

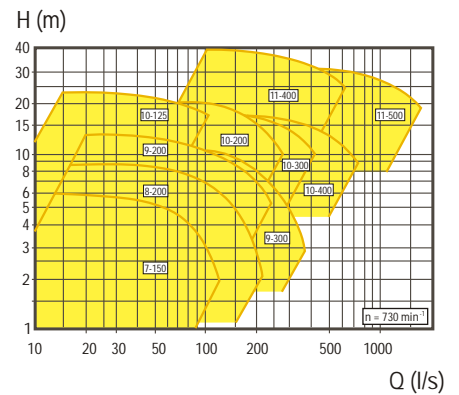
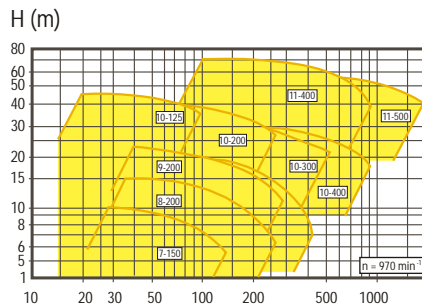
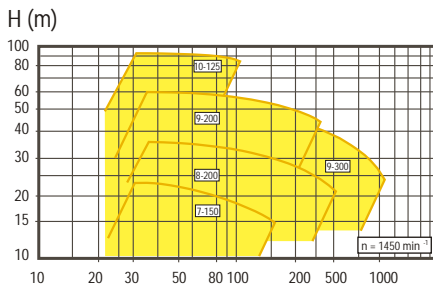
Depending on the pump size and the required arrangement, the impellers and the wear plates may be fitted with renewable wear rings.

- The pump shaft is sealed and protected against the pumped medium by a shaft sleeve.
- Various horizontal and vertical designs are available for dry and wet pit installations. For dry pit installation, a pipe-insert with hand-hole and cover can be supplied as an extra.

Operating range

Flange sizes: Dia 150 - 500 mm
 Capacity: up to 1500 l/s
 Head: up to 90 m
 Temperature: up to 130°C
 Max. operating pressure: cast iron up to 10 bar
 cast steel up to 16 bar
 Shaft sealing: stuffing box or mechanical seal

Performance Curves



Shaft sealing system Varioseal®

Various standard stuffing box arrangements available acc. DIN 3780.

Hydrodynamic seal EURO-DYN® (Cartridge unit).

Double mechanical seal acc. to DIN 24960 (L1K), in tandem with pressureless internal sealing liquid.

