

Centrifugal pump HD – self-priming



Gentle and quiet product delivery are the strengths of the HD pumps. The centrifugal pump features an impressive suction capacity (up to 7 m) and a very silent operation. It can be operated in both directions.



Food industry

Liquid egg, vinegar, concentrates, flavourings, vitamins, milk, cream, buttermilk, sauces, cooking oil, sugar solutions, brine, spices, fatty acids, CIP, whey, fats, cocoa butter etc.



Beverage industry

Mineral water, syrup, spirits, fruit juices (including fruit juices with pulp), wine, beer, brewer's yeast, lemon juice, alcohol, liqueur, CIP, vegetable juices, iced tea etc.



Pharmaceuticals/cosmetics

Perfumes, emulsions, alcohols, herbal extracts, flavourings, WFI/PUW/HPW, CIP/SIP, colourants, infusion solutions, applications in bio-technology etc.

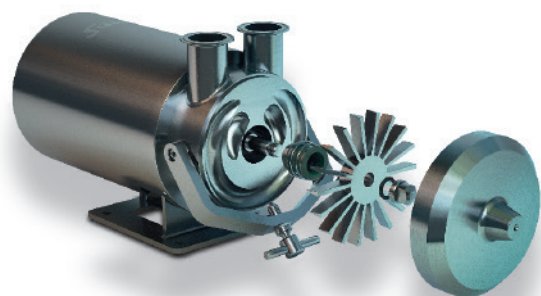


Chemicals/industry

Lyes, acids, milk of lime, alcohols, methanol, ethanol, solvents, hydrogen peroxide, DI water, urea, glycol solutions, biodiesel, condensates etc.



The optimal solution for a gentle and quiet handling of the liquid



Features:

- Self-priming (suction head up to 7 m),
- Excellent delivery behavior with fluids containing gas,
- Suitable for left and right rotation,
- Very quiet operation,
- Dead space free construction (hygienic design),
- Modular design and low maintenance costs,
- Sturdy design comprising high-quality Cr-Ni-Mo stainless steel 1.4435 (316L) with electro polished surfaces,
- CIP (including CIP-return) and SIP,
- Various shaft sealing systems (e.g. mechanical seals) available.

Optional forms:

- ✓ **ATEX**
for zones 1, 2, 21, 22
- ✓ **Pharma design**
for maximum safety, reliability and hygiene (surface roughness down to Ra < 0.4 µm)
- ✓ **Magnetic coupling**
hermetically sealed design HDM160 for crystallising, toxic, flammable and environmentally hazardous liquids
- ✓ **Bearing housing option**
for special requirements
- ✓ **Mobile**
version with sturdy trolley

Flow rate Q [m ³ /h]	max. 70
Delivery head H [m]	up to 40
Temperature range [°C]	minus 30 to 120, max. 145 (SIP)
Viscosity [mPa s]	up to 500
Nominal pressure	max. PN10

