



Centrifugal pump HD

We are a manufacturer of self-priming centrifugal pumps (HP) used in the food, beverage, pharmaceutical and chemical industries.

All sizes are designed for gentle and quiet product conveyance. Our self-priming centrifugal pumps impress with their suction capacity (up to 7 m) and their pumping performance with gaseous media.

They can also be operated in both directions of rotation (clockwise and anticlockwise).



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Properties

- Self-priming centrifugal pumps HD with a suction head of up to 7 m
- Excellent pumping performance with liquids containing gas
- Suitable for left and right rotation
- Quiet operation
- Dead space-free construction (hygienic design)
- CIP and SIP-capable
- Simple installation and seal replacement
- Our self-priming centrifugal pumps HD have low maintenance costs and a long service life
- Robust construction made of high-quality chrome-nickel-molybdenum steel 1.4435/316L with electropolished surfaces
- Gentle milk pumping without damaging the fat
- Various mechanical seal systems possible

Areas of application

Food industry:

Liquid egg, vinegar, concentrates, flavorings, vitamins, milk, cream, buttermilk, sauces, edible oil, sugar solutions, brine, liquid spices, fatty acids, couverture, bulkheads, fats, cocoa butter, etc.

Beverage industry:

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

Pharmaceutical and sterile technology:

Ultrapure water, WFI, PUW, HPW, emulsions, alcohols, herbal extracts, flavorings, colorants, perfumes, infusion solutions, applications in biotechnology, etc.

Chemistry and industry:

Alkalis, acids, milk of lime, alcohols, methanol, ethanol, solvents, hydrogen peroxide, deionized water, urea, glycol solutions, biodiesel, condensates, CIP/SIP cleaning, etc.

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Facts

- ATEX for zones 1, 2, 21, 22
- Pharma for maximum safety, reliability and hygiene (surface roughness up to Ra < 0.4 µm)
- Hermetically sealed magnetic coupling HDM version for crystallizing, toxic, flammable and environmentally hazardous liquids
- Storage carrier design for special requirements
- Mobile with robust chassis and accessories according to customer requirements
- Heatable with liquid or heating cartridge
- Complete residual emptying at the lowest point of the pump body



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