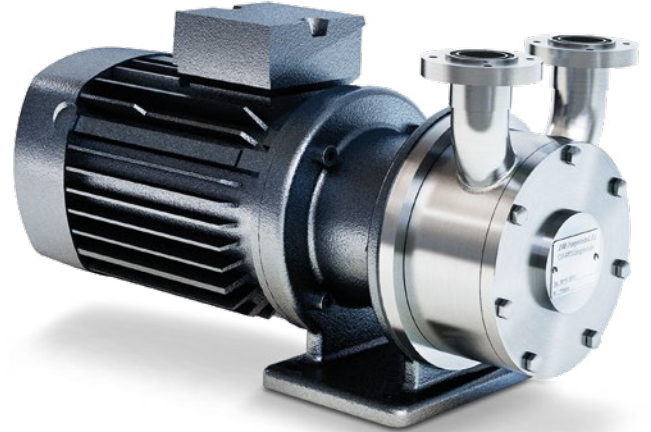


## Peripheral pump P/MP

We are a manufacturer of peripheral gear pumps P/MP, which are used in the food, beverage, pharmaceutical and chemical industries.

This centrifugal pump is the right choice wherever small flow rates need to be pumped pulsation-free against high pressures. The symmetrical design is suitable for left and right rotation.

The peripheral impeller pump MP in hermetically sealed design is ideal for use with crystallizing, toxic, flammable and environmentally hazardous media.



Peripheral pump P/MP

### Properties

- Pulsation-free delivery of small quantities against high pressures
- Good controllability with frequency inverter due to steep, linear characteristic curve
- The symmetrical design is suitable for clockwise and counter-clockwise rotation
- Robust design made of high-quality chrome-nickel-molybdenum steel 1.4435/316L with electropolished surfaces
- Optional: SSiC bearing and ceramic shaft for low wear and avoidance of abrasion
- Various mechanical seal systems possible

### Areas of application

**Food industry:**

Vinegar, concentrates, flavorings, vitamins, milk proteins, cooking oil, fatty acids CIP cleaning, essences, etc.

**Beverage industry:**

Fruit juices, mineral water, syrup spirits, fruit juices, lemon juice, alcohol CIP cleaning, beverage concentrates, etc.

**Pharmaceutical and sterile technology:**

Perfume, emulsions, alcohols, flavorings, proteins, various solutions Ultra-pure water, WFI, PUW, HPW, CIP/SIP cleaning, etc.

**Chemistry and industry:**

Alkalis, acids, alcohols, methanol dyes, ethanol, solvents, hydrogen peroxide decalcifying agents, ureas, glycol solutions, refrigerants, etc.

Peripheral pump P/MP

### 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 MP 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
- Complete residual emptying at the lowest point of the pump body

