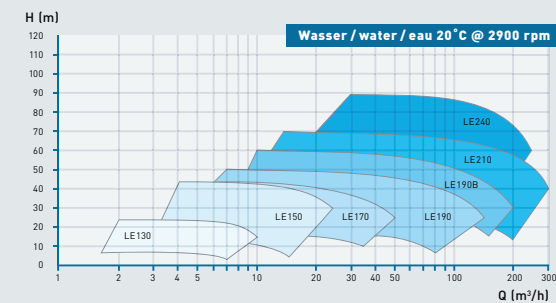




Centrifugal pump LE

Quiet, gentle and efficient product pumping thanks to optimised fluid-dynamics design of volute-casing and impeller geometry. The dead space-free design allows hygienic operation and fast pump cleaning.



Features

- flow optimised volute casing and impeller designs with high efficiencies
- dead space-free design (hygienic design)
- very quiet operation
- CIP and SIP compliant
- simple design/low maintenance costs
- sturdy design comprising high-quality chromium-nickel-molybdenum stainless steel 1.4435 [316L] with electropolished surfaces
- pumping of solids-laden media with no risk of clogging
- ideal for fast temperature changes thanks to sturdy design
- the robust design allows handling of abrasive and corrosive media
- various mechanical seal systems available

Optional forms

- **ATEX**
for zones 1, 2, 21 and 22
- **pharma design**
for maximum safety, reliability and hygiene (surface roughnesses down to $R_a < 0.4 \mu\text{m}$)
- **magnetic coupling**
hermetically sealed version LEM for crystallising, toxic, flammable and environmentally hazardous liquids
- **vertical installation**
for simple residual drainage
- **bearing housing**
for special requirements
- **inducer**
for low NPSH_a values $< 1 \text{ m}$
- **mobile**
with sturdy trolley and accessories to customer requirements
- **heatable**
with liquid or heating cartridge



The product is bottled or filled into containers with whisper-quiet operation and gentle pumping action.



Foodstuffs



Beverages



Pharmaceuticals / cosmetics



Chemicals / industry

Flow rate Q	max. 240 m ³ /h
Delivery head H	up to 90 m
Temperature range	minus 30°C to 130°C, max. 145°C (SIP)
Viscosity	up to approx. 500 mPas
Nominal pressure	PN10 to PN160