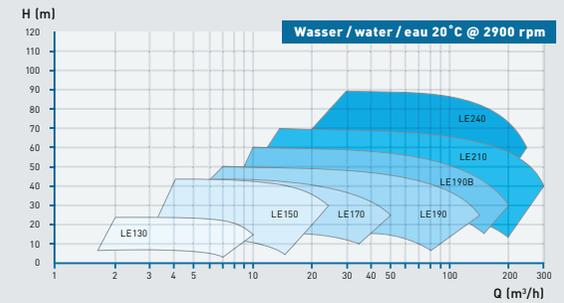




# Centrifugal pump LE

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 Ra < 0.4µm)
- **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<sub>a</sub> values < 1 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 <sup>3</sup> /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



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