



Canned motor pump type LC

Durable, lightweight unit for cooling rail vehicle converters with a water-glycol mixture

Durability

Meantime between Failure
> 130,000 h

Weight and design

Compact design with approximately 20 % weight saving compared to conventional construction

Safety

Hermetically sealed system for total environmental protection

Certification

Designed according to standard CLC/TS 50537-3 for railway applications

Tests

Among others shock and vibration tests according to EN 61373

Service

Quick and easy to understand answers to all questions

Price

Attractive prices and lower LCC

Delivery time

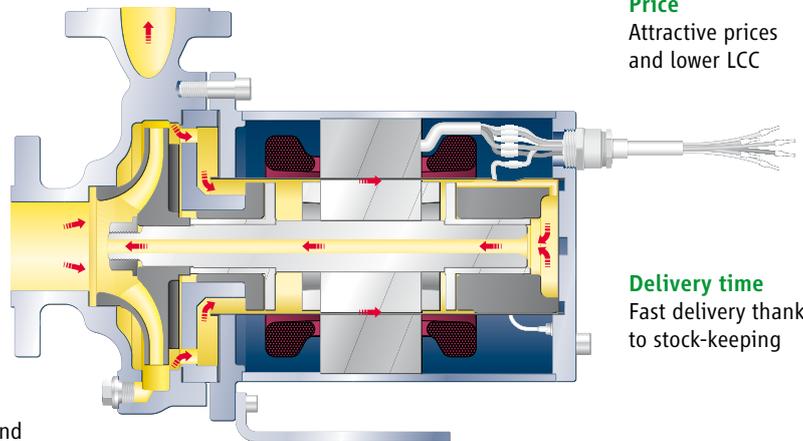
Fast delivery thanks to stock-keeping

Flexibility

Fast development to meet individual customer requirements

Protection class

Highest corrosion and fire protection class



Frequency control

Ensured by robust design

LEDERLE
Hermetic

Sealless Technology **Unlimited**

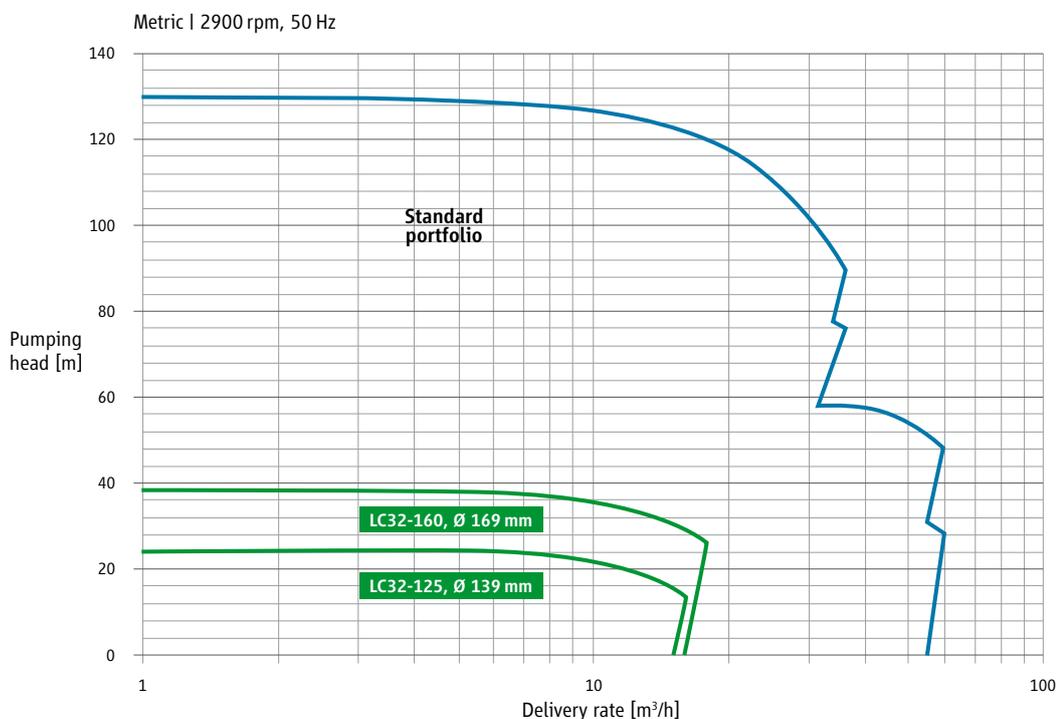
Technical data

Delivery rate (50 Hz):	up to 19.2 m ³ /h (up to 320 l/min)	Weight:	< 42 kg
Pumping head (50 Hz):	up to 38 m	Noise level (50 Hz / 60 Hz):	< 68 dB
Motor output:	1.0 kW to 3.0 kW	Type of protection (motor):	IP 66
Nominal pressure:	10 bar	Corrosion protection (paintwork):	up to C5
Operating temperature:	-40 °C to +80 °C	Fire protection (paintwork):	R1 and R7 at HL1, HL2 and HL3

Options

Mains connection:	Redox cable (standard)	Harting plug	Weidmüller plug
Paintwork:	Inside (~40 µm) (standard)	Outside (~120 µm)	C5 (~200 µm)
Drain:	Without drain (standard)	Drain with plug	

Characteristic maps



Does that sound interesting?

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