Marine Air Systems
LT KE water-cooled piston compressors for starting air (18.5-90 kW / 25-125 hp)

Features and Benefits

Efficient and Reliable
- Forced air flow around crankcase reduces condensate to zero and extends bearing life
- Suitable for sea water and fresh water cooling at ambient temperatures up to 60°C
- Outstanding efficiency through the whole range

Low Cost of Ownership
- Limited number of parts
- Long maintenance intervals
- All components and service points are easily accessible
- Dismantling valves takes only a few minutes
- No electronic temperature and pressure sensors – all readable on compressor

Low Running Costs
- Highly durable components extend compressor lifetime
- Synthetic oil used as standard
- Low oil consumption: less than 0.2 g/kW/hr

Easy Installation
- Small footprint
- Supplied with baseplate and delivered as plug-and-play unit for quick installation
- No need for canopy

Quiet Operation
- Silencing intake guarantees low noise levels: max. 91 dB(A)
- V-type construction ensures low vibration: less than 14 mm/sec.
- Sound muffler on condensate drain as standard

Sustainable Productivity
### Scope of Supply

- Certification
- Cooling water shut off solenoid valve
- Non-return valve
- Auto drain valves
- Oil-water separator
- e-motor IP55 including condensation heater

### Options

- Starter box IP55, Y/D
- Cooling water pump
- Seawater cooling

- Pressure switches
- Spare parts kit

### Technical Specifications

<table>
<thead>
<tr>
<th>Compressor type</th>
<th>Capacity*</th>
<th>Bottle charging</th>
<th>Frequency</th>
<th>Power</th>
<th>Motor speed</th>
<th>Cooling water flow</th>
<th>Heat dissipation</th>
<th>Dimensions</th>
<th>Weight</th>
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* Free air delivery measured according to ISO 1217, Annex C, latest edition

- Absolute inlet pressure: 1 bar(a), 14.5 psig
- Intake air and coolant temperature: 20°C

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