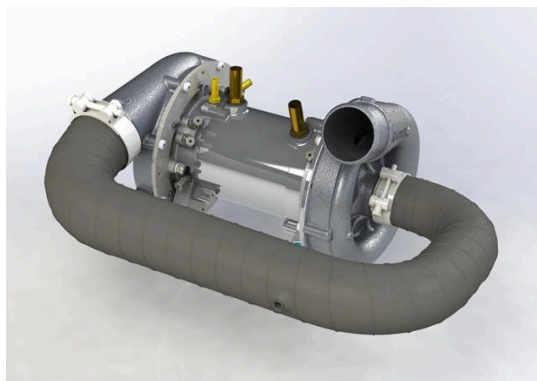




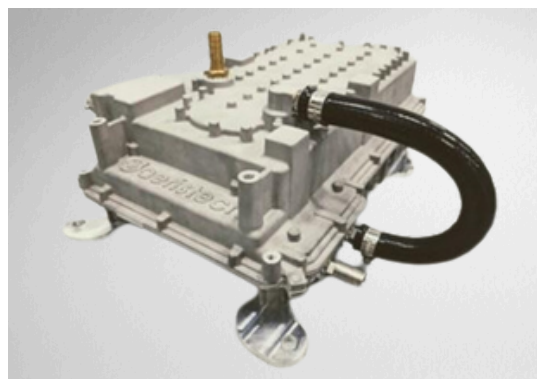
# Two-Stage Electric Compressor

Power dense and cost-effective with flexible input voltage range.



## eCompressor Features AeC815L-11: Sample

- Compact
- Continuous operation
- Oil-free air-bearing technology
- Fast response to speed demand
- Low air flow at high pressure ratios



## Controller Features AeD45L-11: Sample

- Compact
- Cost effective
- High-speed

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### Address

Unit 4, Hermes Court, Hermes Close, Leamington Spa,  
Warwickshire, CV34 6NJ, United Kingdom

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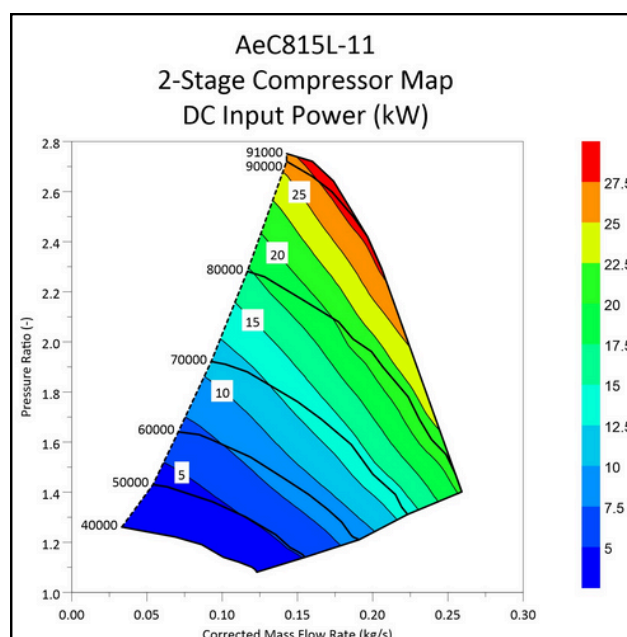
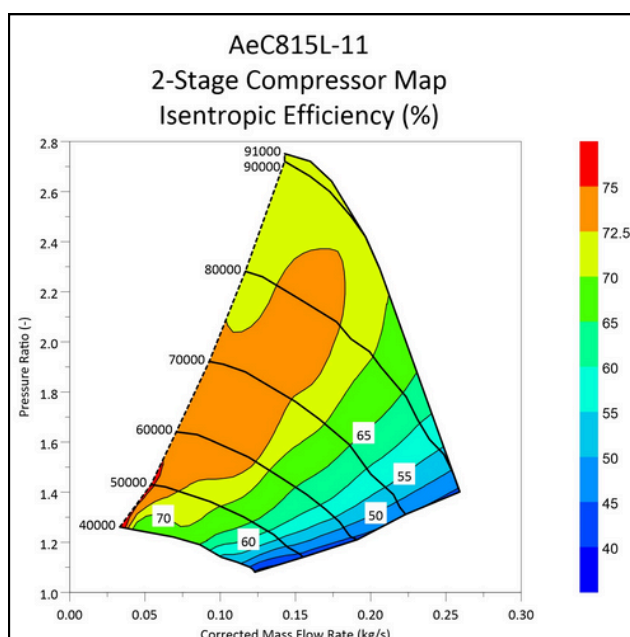
Performance and specifications subject to change

## General Specification

|   |   |
|---|---|
| <b>Compressor Type</b>                      | Centrifugal                                 |
| <b>Bearings</b>                             | Air bearings                                |
| <b>Cooling</b>                              | Liquid cooled (Water + Glycol) & Air cooled |
| <b>Ambient air temperature</b>              | -40°C to 80°C                               |
| <b>Input Voltage</b>                        | 520 - 700V DC                               |
| <b>Mass (Compressor / Controller)</b>       | 17.9kg   17.2kg                             |
| <b>Dimensions (Compressor   Controller)</b> | 514 x 428 x 263mm   475 x 313 x 190 mm      |

## Performance

|                               |                    |
|-------------------------------|--------------------|
| <b>Max rotational speed</b>   | 91,000 rpm         |
| <b>Rated mass flow</b>        | 160g/s at 1.40PR   |
| <b>Rated pressure ratio</b>   | 2.7PR at 0.143kg/s |
| <b>Maximum input power DC</b> | 28kW               |



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