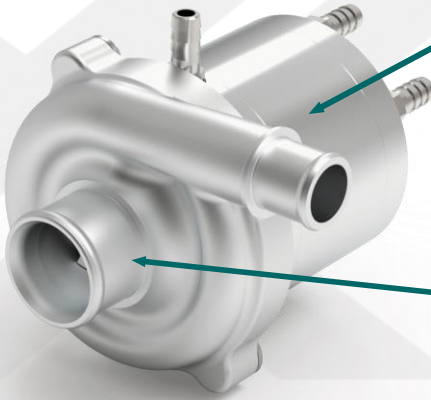


## FC Series

### S18 6kW eCompressor

Suitable for 20-40kW FC application.



Stator potting with  
extruded cooling jacket



high efficiency  
single stage compressor

#### MORE POWER DENSE

Single-stage compressor with aerodynamic efficiency up to 70%, 5% more efficient than 2-stage compression layout.

#### MORE RELIABLE

Super-lightweight rotor design makes the rotating group more reliable and durable.

#### LOWER COST

Design to cost optimised. Less motor material used.

Low-cost air bearing configuration.

## Product Specification

Input Voltage:	<b>200-450VDC</b>
Rated Speed:	<b>160,000rpm</b>
Max. Pressure Ratio:	<b>2.8PR @32g/s</b>
Max. Flow Rate:	<b>60g/s @2.2PR</b>
Shaft Power:	<b>6.5kW Continuous</b>
Overall Efficiency:	<b>Peak 66% (Controller incl.)</b>
Weight:	<b>&lt;2.5kg (Compressor only)</b>

