

Aeristech

Electric

Fuel Cell Compressor

Compact and efficient for continuous supply of air



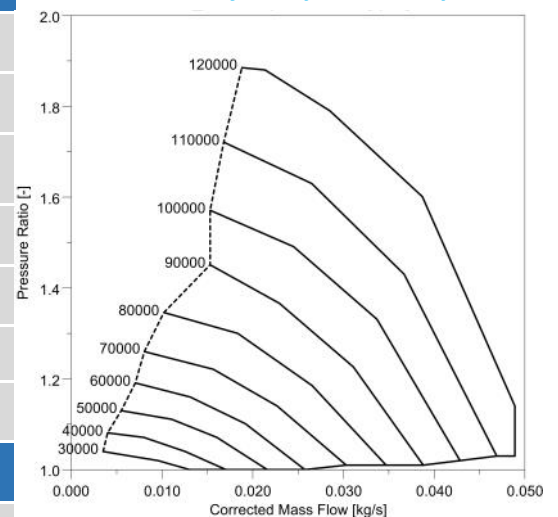
eCompressor Specifications - AeFC805D

- Fast response to speed demand
- High efficiency permanent magnet motor
- High efficiency controller
- Continuous Operation
- Compact
- Flexible Voltage Input



General Specification	
Compressor type	Centrifugal
Bearings	Rolling Element - greased (for life)
Cooling	Water/glycol
Ambient air temperature	-40°C to 100°C
Input voltage	280—400V
Mass	4.8kg
Dimensions	190 x 159 x 240 [mm]
Performance	
Maximum Rotational Speed	160,000 rpm
Mass Flow (Continuous)	0.045 kg/s
Pressure Ratio (Continuous)	2.2 [t-t]
S1 Input Power (Continuous)	6.0 kW

Preliminary Compressor Map



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