

# Aeristech

## Electric

## Fuel Cell Compressor

Compact and efficient for continuous supply of air



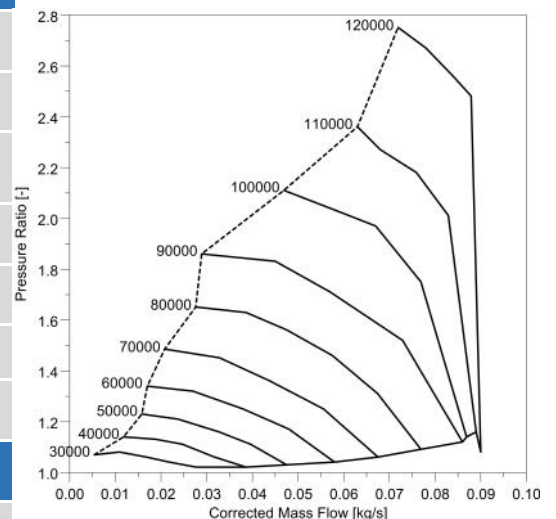
### eCompressor Specifications - AeFC806E

- 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	400—700V
Mass	9.1kg
Dimensions	269 x 220 x 315 [mm]
Motor Performance	
Maximum Rotational Speed	120,000 rpm
Mass Flow (Continuous)	0.068 kg/s
Pressure Ratio (Continuous)	2.3 [t-t]
S1 Input Power (Continuous)	8.8 kW

Preliminary Compressor Map



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