

Specification

Compressor

Compressor Model	E655DHD-65D2YG
Compressor Type	DC Compressor
Compression Type	Scroll Type
Refrigerant	R410A
Displacement	65cm ³ /rev
Oil / Oil Charge	FVC68D / 500ml
Painting	Black Color Paint
Net Mass(Including Oil)	38kg
Suction Accept I.D	Φ22.2mm
Discharge Accept I.D	Φ16.1mm

Motor

Transducer Power	380-415V, 50Hz
Motor Type	3 Phase DC Synchronous Motor / Direct Start
Poles	4 Poles
Running Frequency Range	40~200Hz
Rotate Speed Range	20~100rps
Insulation Class	E Class
Winding Resistance(at 20℃)	0.69 ± 7% Ω

Performance

Items	Rotate Speed	Nominals	Franchise
Capacity	At 90rps	31590W	95% Min
Motor Input		10340W	105% Max
EER		3.06W/W	95% Min
Sound Level		72dB(A) Max	————
Vibration		100μm Max	————

※ Test condition of cooling capacity:

Condensing temp.: 54.4 °C

Evaporating temp.: 7.2 °C

Return gas temp.: 18.3 °C

Ambient temp.: 35.0 °C

Liquid temp.: 46.0 °C

Characteristics

Leak Tight Pressure	4.2MPa[H.P. Side] / 2.2MPa[L.P. Side]
Hydrostatic Strength Pressure	6.3MPa[H.P. Side] / 3.3MPa[L.P. Side]
Insulation Resistance	10M Ω Min.
Withstand Voltage	1,880V-1min.
Residual Moisture	350mg Max.
Residual Impurities	100mg Max.