

Specification

Compressor

Compressor Model	E605DH-59D2G
Compressor Type	Hermetic Motor Compressor
Compression Type	Scroll Type
Refrigerant	R410A
Displacement	59cm ³ /rev
Oil / Oil Charge	FVC68D / 1300ml
Painting	Black Color Paint
Net Mass(Including Oil)	43kg
Suction Accept I.D	Φ 19.3mm
Discharge Accept I.D	Φ 12.9mm

Motor

Motor Type / Start Mode	3 Phase Induction Motor / Direct Start
极数 Pole	2 Poles
Rated Voltage / Frequency	3Ph - 380~415V-50Hz / 3Ph - 440V-60Hz
Rated Revolution	2,880rpm [50Hz] / 3,470rpm [60Hz]
Insulation Class	E Class
Winding Resistance (at 20℃)	2.760±7% Ω

Performance

项目 Items	Nominals	Franchise
Capacity	15390W [380V, 50Hz] / 18550W [440V, 60Hz]	95% Min
Motor Input	5130W [380V, 50Hz] / 6180W [440V, 60Hz]	107% Max
EER	3.00W/W	93% Min
Running Current	8.8A [380V, 50Hz] / 9.0A [440V, 60Hz]	±5%
Locked Rotor Ampere	62A [380V, 50Hz] / 64A [440V, 60Hz]	———
Sound Level	63dB (A) Max. .	———
Vibration	15m/s ² Max or 100um 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	1,830V-1min.
Residual Moisture	350mg Max.
Residual Impurities	100mg Max.