

## Specification

### Compressor

Compressor Model	503DH-80C2
Compressor Type	Hermetic Motor Compressor
Compression Type	Scroll Type
Refrigerant	R22
Displacement	80cm <sup>3</sup> /rev
Oil / Oil Charge	SUNISO 4GSD / 1400ml
Painting	Black Color Paint
Net Mass(Including Oil)	37kg
Suction Accept I.D	Φ 22. 2mm
Discharge Accept I.D	Φ 12. 9mm
CCC Certification No.	2003010704098884

### Motor

Motor Type / Start Mode	3 Phase Induction Motor / Direct Start
Pole	2 Pole
Rated Voltage / Frequency	3Ph - 346~380V-50Hz / 3Ph - 380~400V-60Hz
Rated Revolution	2, 910 [50Hz] / 3, 470 [60Hz]
Insulation Class	F Class
Winding Resistance (at 20°C)	2. 48 ± 7% Ω

### Performance

Capacity	14, 900W [380V, 50Hz] / 17, 900W [400V, 60Hz]
Motor Input	4, 400W [380V, 50Hz] / 5, 300W [400V, 60Hz]
EER	3. 40W/W
Running Current	7. 9A [380V, 50Hz] / 8. 8A [400V, 60Hz]
Locked Rotor Ampere	62A [380V, 50Hz] / 56A [400V, 60Hz]
Sound Level	60dB(A) Max.
Vibration	15m/s <sup>2</sup> 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. 1 °C

### Characteristics

Leak Tight Pressure	3. 0MPa [H. P. Side] / 1. 5MPa [L. P. Side]
Hydrostatic Strength Pressure	4. 5MPa [H. P. Side] / 2. 3MPa [L. P. Side]
Insulation Resistance	10M Ω Min.
Withstand Voltage	1, 800V-1min.
Residual Moisture	350mg Max.
Residual Impurities	100mg Max.