

Performer SZ185S4CC

Specifications

Brand	Performer
Type	SZ185S4CC
Refrigerant	Freon
kW at +10°C/+40°C	57
kW at 0°C/+40°C	39
Remarks	R404a - R22 or other freon types
Sizes	550x550x700 mm (LxWxH)
Stock	1



Description

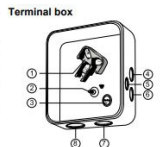
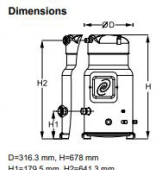
Used Performer SZ185S4CC

SZ185S4CC



Datasheet, technical data **Performer scroll compressor, type SZ185-4**

General Characteristics	SZ185S4RC	SZ185S4CC
Model number (on compressor nameplate)	SZ185-4RI	SZ185-4CAI
Code number for individual packaging**	SZ185-4RM	SZ185-4CAM
Code number for multiple packaging**		
Drawing number	8551119a	8551056b
Suction and discharge connections	Rotolock	Brased
Suction connection	2-1/4" Rotolock	1-5/8" ODF
Discharge connection	1-3/4" Rotolock	1-1/8" ODF
Suction connection with supplied sleeve	1-3/8" ODF	
Discharge connection with supplied sleeve	7/8" ODF	
Oil sight glass	Threaded	Threaded
Oil equalisation connection	3/8" flare SAE	3/8" flare SAE
Oil drain connection	1/4" NPT	1/4" NPT
LP gauge port	Schrader	Schrader
IPR valve	None	None
Swept volume		249.9 cm ³ /rev
Displacement @ Nominal speed		43.5 m ³ /h @ 2900 rpm - 52.5 m ³ /h @ 3500 rpm
Net weight		103 kg
Oil charge		6.2 litre, POE-160SZ
Maximum system test pressure Low Side / High side		25 bar(g) / 41 bar(g)
Maximum differential test pressure		34 bar
Maximum number of starts per hour		12
Refrigerant charge limit		13.5 kg
Approved refrigerants		R407C - R134a - (R404A - R507A)



Electrical Characteristics	
Nominal voltage	380-400V/3/50Hz - 460V/3/60Hz
Voltage range	340-440 V @ 50Hz - 414-506 V @ 60Hz
Winding resistance (per phase) +/- 7% at 25°C	0.77 Ohm
Maximum Must Trip current (MMT)	35 A
Locked Rotor Amps (LRA)	175 A
Motor protection	Internal thermostat, ext. overload protector needed

Recommended Installation torques	
Oil sight glass	50 Nm
Power connections / Earth connection	3 Nm / 2 Nm
Terminal box cover screws	2.3 Nm
Mounting bolts	21 Nm

Parts shipped with compressor

Mounting kit with grommets, bolts, nuts, sleeves and washers
Suction & Discharge solder sleeves, rotolock nuts and gaskets (shipped with rotolock version only)
Initial oil charge
Installation instructions

- IP54 (with cable gland)
- 1: Power connection, 3 x 4.8 mm (3/16")
 - 2: Earth MS, torque 2 Nm (17 in.lb)
 - 3: Thermostat connector
 - 4: Knock-out Ø 22 mm (7/8") for 1/2" conduit
 - 5: Knock-out Ø 16.5 mm (0.65")
 - 6: Knock-out Ø 20.5 mm (0.81")
 - 7: Double knock-out Ø 32.1 mm (1.26") & Ø 25.4 mm (1")
 - 8: Double knock-out Ø 44 mm (1-3/4") for 1-1/4" conduit & Ø 34 mm (1-3/8") for 1" conduit