

SC12DL

MBP/HBP Compressor

R404A/R507

220-240V 50Hz

Data Sheet (Replaces CF.54.L2.02)

General

Compressor	SC12DL
Code number	104L2625

Application

Application	MBP/HBP
Evaporating temperature range °C	-20 to 15
Voltage range V/Hz	198 - 254 /50
Motor type	CSIR
Max. ambient temperature °C	38
Comp. cooling at ambient temp. 32°C	F ₂
38°C	F ₂

Design

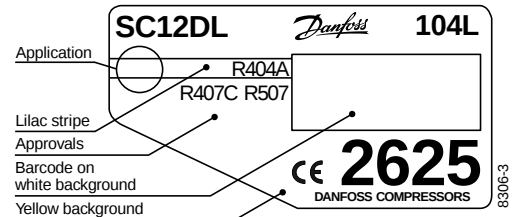
Displacement cm ³	12.87
Oil quantity cm ³	600
Maximum refrigerant charge g	1300
Free gas vol. in compressor cm ³	1460
Weight without electrical equipment kg	13.6

Motor

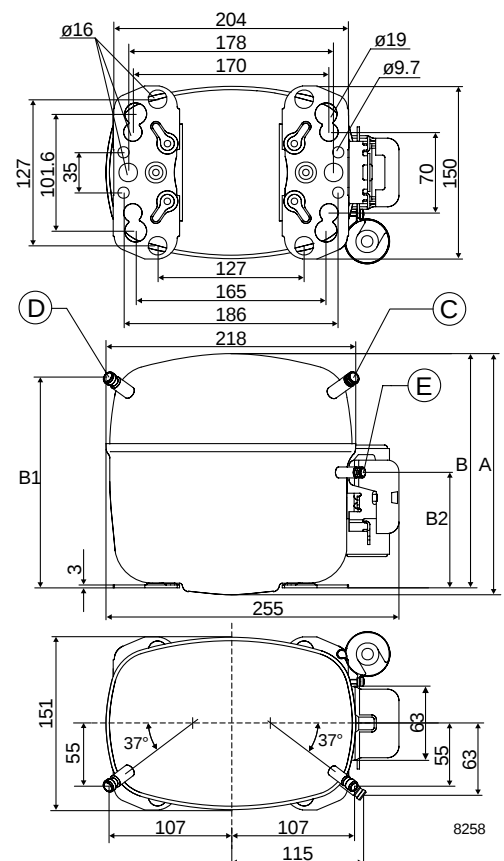
Motor size watt	495
LRA (rated after 4 sec. UL984) HST A	18.6
Cut-in current HST A	18.6
Resistance, main and start winding (25°C) Ω	3.7/14.1
Approvals	EN 60335-2-34

Dimensions

Height mm	A	219
	B	213
	B1	193
	B2	110
Suction connector location/I.D. mm	C	10.2 ±0.09
Process connector location/I.D. mm	D	6.2 ±0.09
Discharge connector location/I.D. mm	E	6.2 ±0.09
Compressors on a pallet pcs.		80



- S = Static cooling normally sufficient
- O = Oil cooling
- F₁ = Fan cooling 1.5 m/s
(compressor compartment temperature equal to ambient temperature)
- F₂ = Fan cooling 3.0 m/s necessary



watt

watt

watt

A

W/W

W/W