

COMPRESSOR

Displacement (cm ³)	4.5
Diameter (mm)	22.0
Stroke (mm)	11.83
Net Weight (Kg)	8.4
Oil type	ISO VG 22 ESTER
Oil charge (cm ³)	300

MOTOR

Approximate Power (CV)	1/6
Voltage/Frequency (V/Hz)	220V 50Hz
Voltage range (V)	198-264
Code	65.513
Type	CSIR
Phase number	1 PH
Locked rotor current (A)	6.5
Main W. resist. at 25°C (Ω)	21.0
Start W. resist. at 25°C (Ω)	38.0

APPLICATION

Application	High/Mid. back pressure
Refrigerant	R134a
Evaporating (°C)	-25 to 10
Expansion	Capillar/Valve
Comp. cooling	Fan cooled
Max. ambient temp. (°C)	43

NOMINAL PERFORMANCE

	CYCLE C	CYCLE D
Cooling capacity (kcal/h)	294	352
Input power (W)	211	220
EER (kcal/Wh)	1.39	1.60
COP (W/W)	1.61	1.86
Current (A)	1.17	1.19

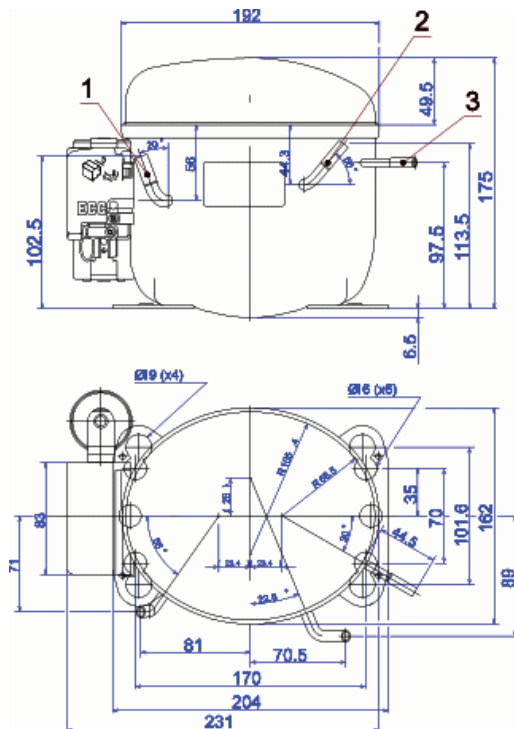
TEST CONDITIONS

Evaporating temp. (°C)	5.0	7.2
Condensing temp. (°C)	55.0	55.0
Liq.t. entering expan. (°C)	55.0	46.0
Ambient t. and return (°C)	32.0	35.0
Tens/Freq (V/Hz)	220V 50Hz	220V 50Hz

ELECTRICAL COMPONENTS

Relay	2014 108.
Pick-Up (A)	2,70
Drop-Out (A)	2,30
Protector	MRT77AMK
Current (A)	5.8
Time check (seg)	7.5-14
Disc temp. (Open/Close) (°C)	105.0 / 61.0
Starting capacitor (μF/V)/F/V)	47- 56 / 250

DIMENSIONS AND ELECTRICAL DIAGRAM



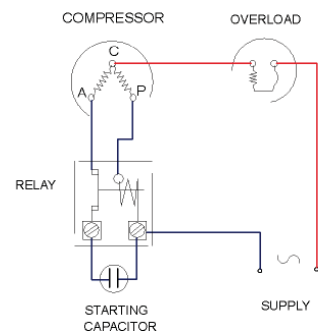
DESIGNATION

1	Suction/Service
2	Service/Suction
3	Discharge

INTERNAL DIAM. (MM)

6,5
6,5
4,9

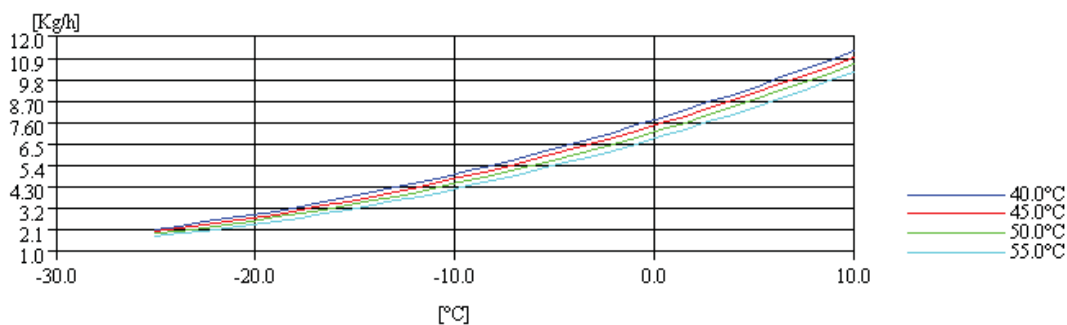
CSIR



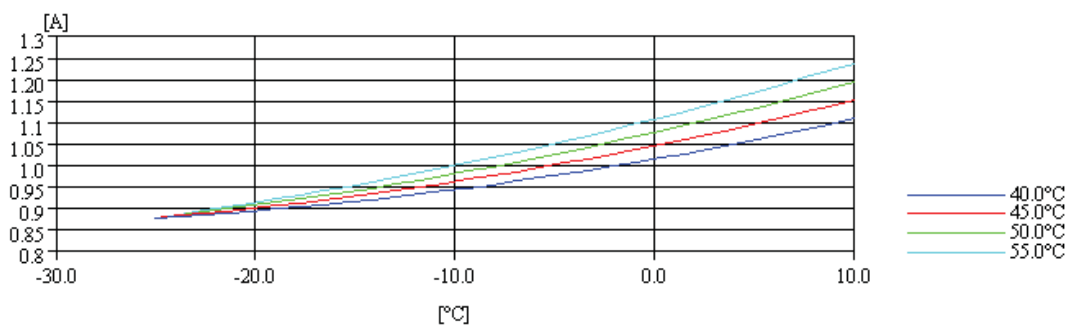
TEST CONDITIONS

Voltage/frequency	220V 50Hz
Ambient t. and return	35 °C
Liq.t. entering expan.	Subcooling 9 K

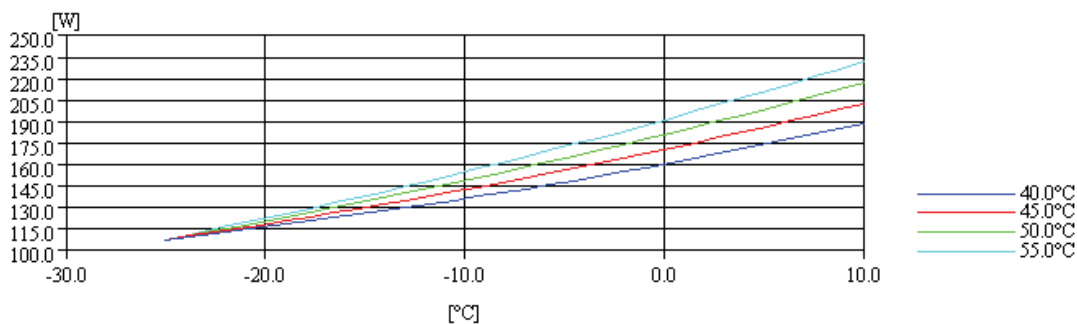
MASS FLOW



INTENSITY



CONSUMPTION



COOLING CAPACITY

