

COMPRESSOR

Displacement (cm ³)	12
Diameter (mm)	29.3
Stroke (mm)	17.8
Net Weight (Kg)	12
Oil type	ISO VG 46 ESTER
Oil charge (cm ³)	400

MOTOR

Approximate Power (CV)	3/8
Voltage/Frequency (V/Hz)	220V 50Hz
Voltage range (V)	187-264
Code	61.526
Type	CSIR
Phase number	1 PH
Locked rotor current (A)	14.8
Main W. resist. at 25°C (Ω)	4.28
Start W. resist. at 25°C (Ω)	17.74

APPLICATION

Application	Low back pressure
Refrigerant	R404A
Evaporating (°C)	-40 to -10
Expansion	Capillar/Valve
Comp. cooling	Fan cooled
Max. ambient temp. (°C)	43

NOMINAL PERFORMANCE	CYCLE A	CYCLE B
Cooling capacity (kcal/h)	302	450
Input power (W)	426	450
EER (kcal/Wh)	0.70	1.00
COP (W/W)	0.82	1.16
Current (A)	2.65	2.74

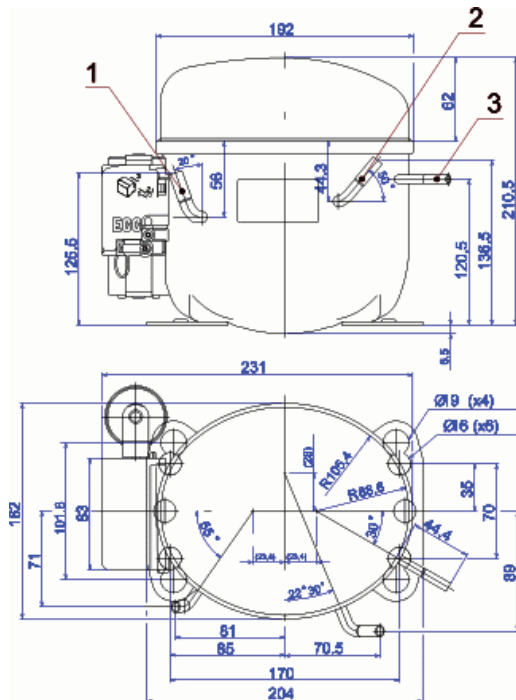
TEST CONDITIONS

Evaporating temp. (°C)	-25.0	-23.3
Condensing temp. (°C)	55.0	55.0
Liq.t. entering expan. (°C)	55.0	32.0
Ambient t. and return (°C)	32.0	32.0
Tens/Freq (V/Hz)	220V 50Hz	220V 50Hz

ELECTRICAL COMPONENTS

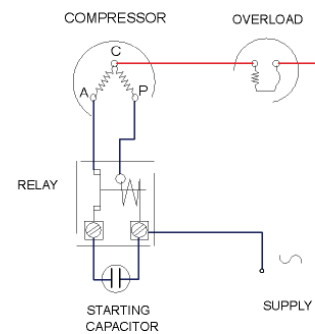
Relay	2014 149.	
Pick-Up (A)	7,80	
Drop-Out (A)	6,65	
Protector	MRP36AMK	T0171
Current (A)	10.3	10.0
Time check (seg)	7.5-14	7.5-14
Disc temp. (Open/Close) (°C)	105.0 / 61.0	105.0 / 61.0
Starting capacitor (μF/V)/F/V)	47- 56 / 330	

DIMENSIONS AND ELECTRICAL DIAGRAM



DESIGNATION	INTERNAL DIAM. (MM)
1 Suction	8,1
2 Service	8,1
3 Discharge	6,5

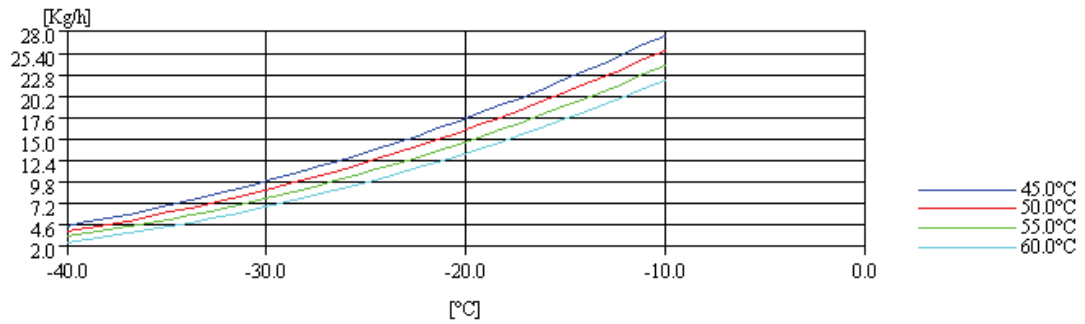
CSIR



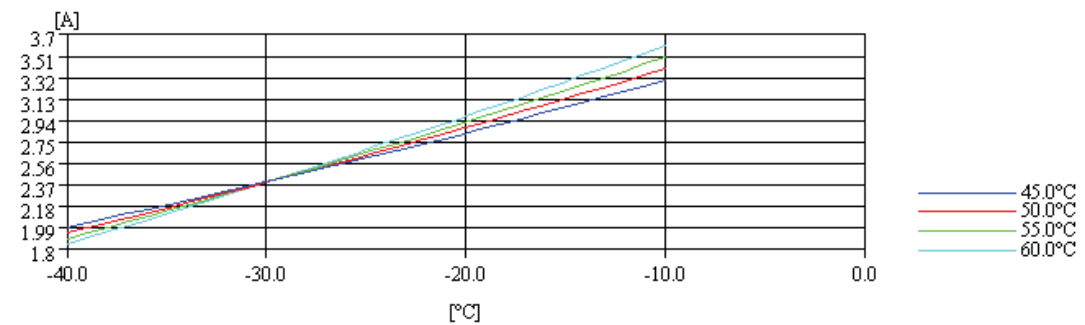
TEST CONDITIONS

Voltage/frequency	220V 50Hz
Ambient t. and return	32 °C
Liq.t. entering expan.	Subcooling at 32 °C

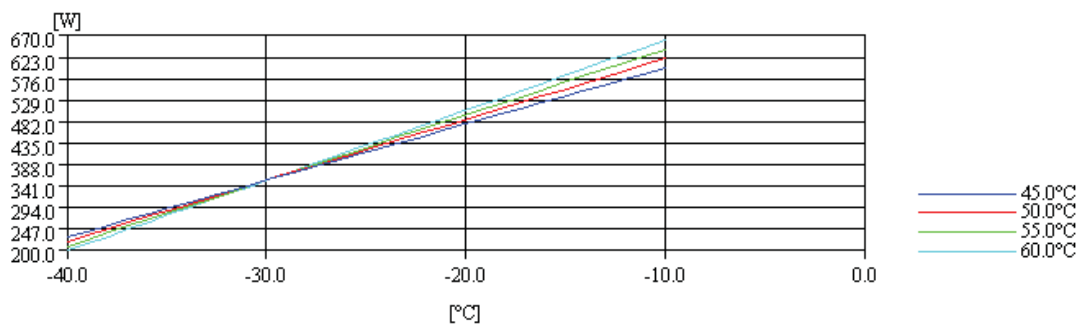
MASS FLOW



INTENSITY



CONSUMPTION



COOLING CAPACITY

