

S22TN_T VE01
220-240V 50Hz ~1

COMPRESSOR

Displacement (cm ³)	21.77
Diameter (mm)	41.79
Stroke (mm)	15.87
Net Weight (Kg)	22.7
Oil type	ISO VG 68 MINERAL
Oil charge (cm ³)	887

MOTOR

Approximate Power (CV)	7/8
Voltage/Frequency (V/Hz)	220V 50Hz
Voltage range (V)	198-254
Code	82.133
Type	CSR
Phase number	1 PH
Locked rotor current (A)	32.0
Main W. resist. at 25°C (Ω)	1.84
Start W. resist. at 25°C (Ω)	5.71

APPLICATION

Application	High/Mid. back pressure
Refrigerant	R22
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)	2116	2500
Input power (W)	1079	1120
EER (kcal/Wh)	1.96	2.23
COP (W/W)	2.28	2.59
Current (A)	5.36	5.54

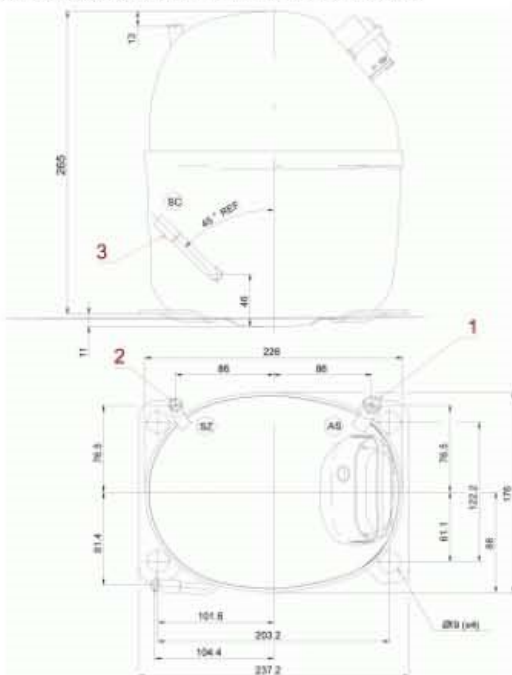
TEST CONDITIONS

	CYCLE C	CYCLE D
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

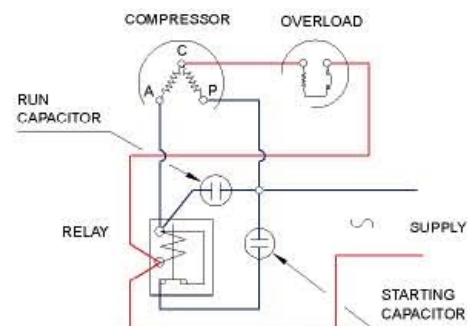
Relay	3ARR3 3AP3	RVA 2E..
Pick-Up (A)	162-175	162-175
Drop-Out (A)	40-90	40-90
Protector	MRT00ALK	T0535
Current (A)	17.0	17.0
Time check (seq)	7.5-14	7.5-14
Disc temp. (Open/Close) (°C)	105.0 / 61.0	105.0 / 52.0
Starting capacitor (μF/V/FV)	47- 56 / 330	
Run capacitor (μF/V)	16 / 370	

DIMENSIONS AND ELECTRICAL DIAGRAM



DESIGNATION	INTERNAL DIAM. (MM)
1 Suction	12.7
2 Service	9.6
3 Discharge	8.0

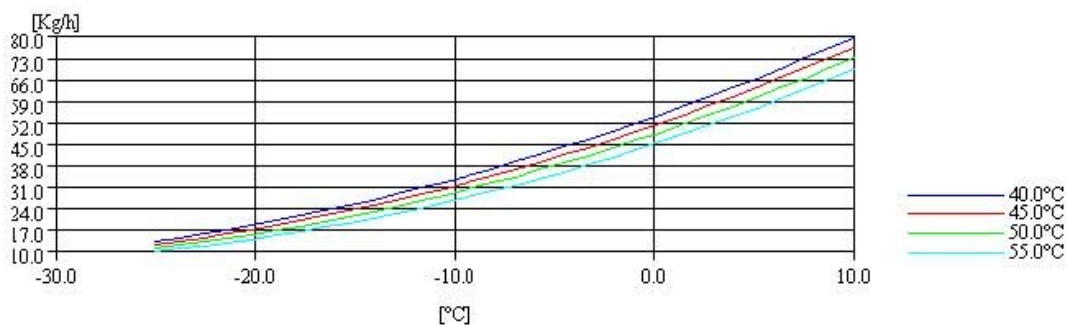
CSR



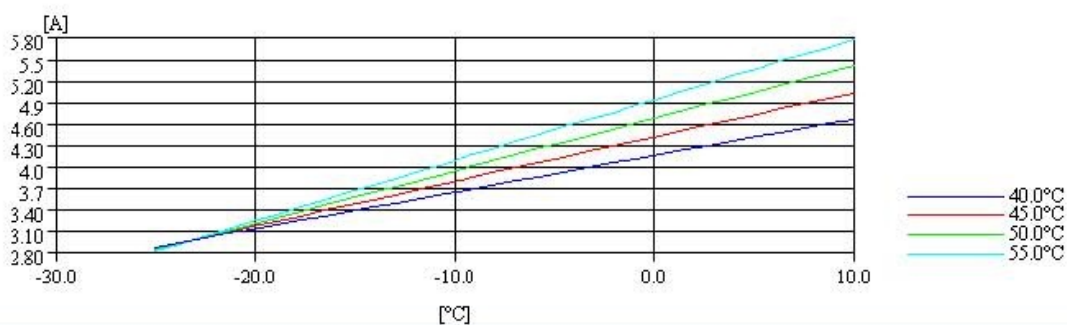
TEST CONDITIONS

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

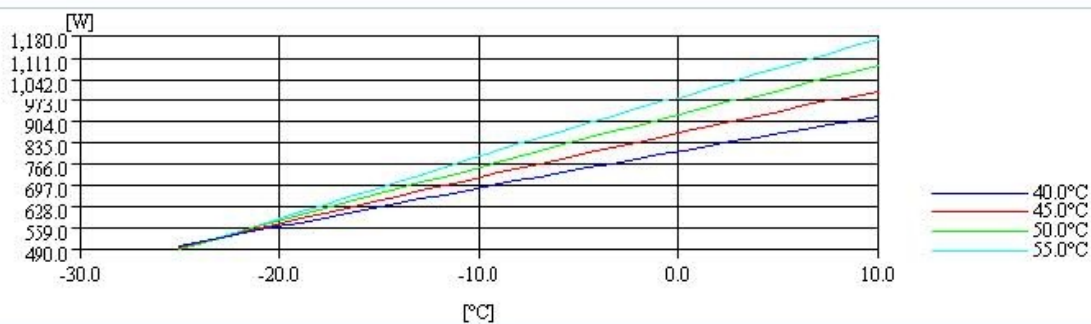
MASS FLOW



INTENSITY



CONSUMPTION



COOLING CAPACITY

