



TECHNICAL DATA SHEET

GL45AA VE02

Back

220-240V 50Hz ~1

Compressor

Displacement	cm ³	4.56
Diameter	mm	19.09
Stroke	mm	15.94
Net Weight	Kg	8.3
Oil type		ISO VG 19 ESTER
Oil charge	cm ³	265

Application

Application		Low back pressure
Refrigerant		R134a
Evaporating	°C	-35 a -10
Expansion		Capillar
Comp. cooling		Static
Max. ambient temp.	°C	43

Motor

Approximate Power	CV	1/8
Voltage/Frequency	V/Hz	220V 50Hz
Voltage range	V	187-264
Code		90,013
Type		RSIR
Phase number		1 PH
Locked rotor current	A	7.5
Main W. resist. at 25°C	Ω	24.57
Start W. resist. at 25°C	Ω	32.63

Nominal Performance

Nominal Performance		CYCLE A	CYCLE B
Cooling capacity	W	81	112
Cooling capacity	kcal/h	70	96
Input power	W	100	105
EER	kcal/(W. h)	0.70	0.91
COP	W/W	0.81	1.06
Current	A	0.69	0.71

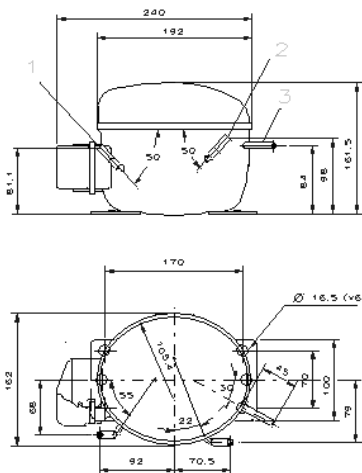
Test conditions:

Evaporating temp.	°C	-25	-23.3
Condensing temp.	°C	55	55
Liq.t. entering expan.	°C	55	32
Ambient t. and return	°C	32	32
Tens/Freq	V/Hz	220V 50Hz	220V 50Hz

Electrical components

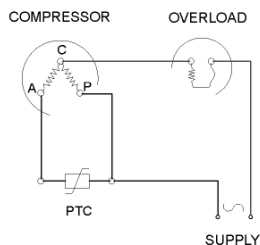
Relay		3003			
Nominal voltage	V	200 - 240			
Resistance	Ω	14,00			
Protector		MRP318LZ	T0453	AF37FU	4TM205NFBYY
Current	A	5.9	5.2	5.9	6
Time check	seg	7.5-14	7.5-14	7.5-14	5-15
Disc temp. (Open/Close)	°C	120/61	125/62	120/62	120/61

Dimensions and Electrical Diagram



	Designation	Interior Diam. (mm)
1	Suction	6,5
2	Service	6.5
3	Discharge	4.9

R S I R



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