



TECHNICAL DATA SHEET

GP14TB VE01

Back

220-240V 50Hz ~1

Compressor		
Displacement	cm ³	14
Diameter	mm	31.19
Stroke	mm	18.54
Net Weight	Kg	11.5
Oil type	ISO VG 22 ESTER	
Oil charge	cm ³	400

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

Motor		
Approximate Power	CV	3/8
Voltage/Frequency	V/Hz	220V 50Hz
Voltage range	V	198-264
Code	61,502	
Type	CSIR	
Phase number	1 PH	
Locked rotor current	A	18.0
Main W. resist. at 25°C	Ω	4.79
Start W. resist. at 25°C	Ω	23.96

Nominal Performance		CYCLE C		CYCLE D	
Cooling capacity	W	999	1198		
Cooling capacity	kcal/h	859	1030		
Input power	W	565	590		
EER	kcal/(W. h)	1.52	1.75		
COP	W/W	1.77	2.02		
Current	A	3.27	3.40		
Test conditions:					
Evaporating temp.	°C	5	7.2		
Condensing temp.	°C	55	55		
Liq.t. entering expan.	°C	55	46		
Ambient t. and return	°C	32	35		
Tens/Freq	V/Hz	220V 50Hz	220V 50Hz		

Electrical components			
Relay		9660 A 149	MTRP 48
Pick-Up	A	7,70	7,80
Drop-Out	A	6,50	6,65
Protector		MRP00AMK	T0425
Current	A	11.7	11.5
Time check	seg	7.5-14	7.5-14
Disc temp. (Open/Close)	°C	105/61	105/61
Starting capacitor	μF/V	47- 56/330	

Dimensions and Electrical Diagram

Designation	Interior Diam. (mm)
1 Suction/Service	8,1
2 Service/Suction	8.1
3 Discharge	6.5

CSIR

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