



TECHNICAL DATA SHEET

GP12TB VE02

Back

220-240V 50Hz ~1

Compressor		
Displacement	cm ³	12.05
Diameter	mm	29.37
Stroke	mm	17.78
Net Weight	Kg	11.2
Oil type	ISO VG 22 ESTER	
Oil charge	cm ³	350

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	187-264
Code	63,112	
Type	CSIR	
Phase number	1 PH	
Locked rotor current	A	13.5
Main W. resist. at 25°C	Ω	5.75
Start W. resist. at 25°C	Ω	20.3

Nominal Performance		CYCLE C		CYCLE D	
Cooling capacity	W	893	1070		
Cooling capacity	kcal/h	768	920		
Input power	W	497	520		
EER	kcal/(W. h)	1.55	1.77		
COP	W/W	1.80	2.06		
Current	A	2.82	2.90		
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 138	MTRP 43
Pick-Up	A	6,20	6,10
Drop-Out	A	5,25	5,20
Protector		MRT26AMK	T0181
Current	A	11.1	11.1
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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