

mbsm.pro , CUBIGEL Compressor GX21TB, 220-240 VOLTS, 5/8 HP , R134a

Category: Solutions, Tester ok
written by Jamila | 14 September 2018



GX21TB VE01
220-240V 50Hz ~1

COMPRESSOR		APPLICATION			
Displacement (cm3)	20.72	Application	High/Mid. back pressure		
Diameter (mm)	34.93	Refrigerant	R134a		
Stroke (mm)	21.62	Evaporating (°C)	-25 to 10		
Net Weight (Kg)	17	Expansion	Capillar/Valve		
Oil type	ISO VG 46 ESTER	Comp. cooling	Fan cooled		
Oil charge (cm3)	500	Max. ambient temp. (°C)	43		
MOTOR		NOMINAL PERFORMANCE		CYCLE C	CYCLE D
Approximate Power (CV)	5/8	Cooling capacity (W)	1550	1855	
Voltage/Frequency (V/Hz)	220V 50Hz	Input power (W)	818	850	
Voltage range (V)	187-264	EER (kcal/Wh)	1.62	1.87	
Code	82.197	COP (W/W)	1.89	2.18	
Type	CSIR	Current (A)	5.16	5.29	
Phase number	1 PH	TEST CONDITIONS			
Locked rotor current (A)	26.0	Evaporating temp. (°C)	5.0	7.2	
Main W. resist. at 25°C (Ω)	2.45	Condensing temp. (°C)	55.0	55.0	
Start W. resist. at 25°C (Ω)	25.9	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	9660 A 180	MTRP 16			
Pick-Up (A)	16,70	16,70			
Drop-Out (A)	14,00	14,00			
Protector	MRA38128	T0535/G.			
Current (A)	17.0	17.0			
Time check (seg)	7.5-14	7.5-14			
Disc temp. (Open/Close) (°C)	105.0 / 52.0	105.0 / 52.0			

PictureS Mbsm Dot Pro : www.mbsm.pro

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www.mbsm.pro, GREE , Mini Split , Air Conditioner ,Error Codes E6 , How To Fix

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The error E6 comes from the engine, it is the electronic engine card if it is an inverter range.

Communication error E6 Between Outside and inside