

Product Specifications for H2BG104DBE

Measurement System: Metric		Revision: 1		Technical Specifications			
Refrigerant: R22		Series Family: G		Voltage	Phase	Frequency	Evaporator Temperature Range
				380/415	3	50	-30°C to 10°C

Performance		1
		ARI
		(380v)
Capacity (Watts)		24 700
Motor Input (Watt)		8 150
Current (Amp)		13.9
COP		3.0
Efficiency (%)		
Evaporating Temp.°C		7.2
Condensing Temp.°C		54.4
Ambient Temp.°C		35
Liquid Temp.°C		46.1
Return Gas Temp.°C		18.3

Nominal Performance Data @ 50 Hz (±5) based upon 72hr run-in

Mechanical Data

Bore X Stroke	5.558 X 2.619 cm	Speed	2950 rpm
Displacement	N/A m ³ /hr	IPRV Setting	31 - 38 ΔP(bar)
Displacement	N/A cc/rev	Refrigerant Charge Limit	5 kg

Electrical Data

RLA: 14.2	LRA: (1st Winding) : N/A (Full Winding) : 77	MCC: 20.2
Voltage Range: 342 - 457	Protection Type: Internal Line Break	
U.L. File: SA5470	CE Approval: Yes	CCC Approval: Yes
Motor Res. in Ohms (Ω) ± 5%		
T1-T3 (C-R) 1.450	T1-T2 (C-S) 1.450	T2-T3 (S-R) 2.900

Electrical Accessories

Module Voltage Options	Crankcase Heater
24V Module, Bristol P/N: N/A	Watts : 65 Bristol P/N : 241615
120V Module, Bristol P/N: N/A	Recommended Valves :
230V Module, Bristol P/N: N/A	1 5/8 Suction , Bristol P/N : 250508 1 1/8 Discharge , Bristol P/N : 250507

Other Technical Info

Oil Name: Alkylbenzene 150T	Oil Charge	Internal Free Volume	17 403 cc
Oil Spec: 581006	Initial Charge: 2839 cc	Recharge: 2366 cc	Max. Compressor Height
Viscosity: 28.2 cSt @ 40°C			46.594 cm
			Weight Net
			65.3 kg
			Weight Shipped
			69.4 kg

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