

Product Specifications for H2BG124DBE

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)		28 400
Motor Input (Watt)		9 790
Current (Amp)		16.4
COP		2.9
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 3.018 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: 16.5	LRA: (1st Winding) : N/A (Full Winding) : 80	MCC: 25.0
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)	T1-T2 (C-S)	T2-T3 (S-R)
1.380	1.380	1.380

Electrical Accessories

Module Voltage Options	Crankcase Heater
24V Module, Bristol P/N: N/A	Watts : 65
120V Module, Bristol P/N: N/A	Bristol P/N : 241615
230V Module, Bristol P/N: N/A	Recommended Valves :
	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	17 059 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
			66.2 kg
			Weight Shipped
			70.3 kg

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