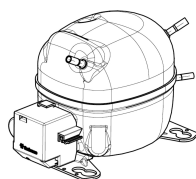


220-240V 50 1~



GENERAL DATA

Application: HBP
Refrigerant: R134a
Evaporating Temperature Range: -15°C to 10°C
Compressor Cooling: Fan
Type: Hermetic reciprocating
Technology Type: On-Off
Expansion Device: Capillary Tube or Expansion Valve
Packing Quantity: 100
Displacement: 6.76 cm³
Horse power: 1/4 hp

Approvals: 

MECHANICAL DATA

Bore: 22.5 mm
Stroke: 17 mm
Oil Charge: 180ml
Maximum Recommended Refrigerant Charge: 330 g
Oil Type Configuration: ESTER
Oil Type Viscosity: ISO22
Weight: 7.75 kg

ELECTRICAL DATA

Motor Type: CSIR
Starting Torque: HST
Voltage working range at 50 Hz: 198-264 V
Maximum Motor Temperature: 130 °C
Start Winding Resistance: 19.15 Ω (± 10%) at 25°C
Run Winding Resistance: 11.3 Ω (± 10%) at 25°C
Locked Rotor Amperage (LRA): 10 A

MOUNTING ACCESSORIES

	Description	Code
Anchorage:	no	-
Washer:	no	-
Pin:	no	-
Clip:	no	-
Sleeves:	no	-
Grommets:	yes	2221011
Capacitor Bracket:	yes	2256008
Cover:	yes	213336044
Overload Protector Bracket:	yes	2075247
Terminal:	yes	2075228

ELECTRICAL COMPONENTS

	Component type	Description	Code
CSR / CSIR Box:	No		
Start Capacitor:		53-64UF - 330V	2252346
Motor Protection:		T0571/G6	
Starting Device:	Relay	MTRP-36*	

EXTERNAL CHARACTERISTICS

Base Plate: SMALL EUEM
Tray Holder: Yes
Height: mm

	Internal Diameter (mm)	Material	Shape
Suction Connector	6.1	Copper	Slanted 42° up + 45° to Back
Discharge Connector	4.94	Copper	Slanted parallel BP+24° to Back
Process Connector	6.1	Copper	Slanted 45° up + 45° to Back

RATED POINT DATA

Cooling Capacity (W)	Power Consumption (W)	Current Consumption (A)	Gas Flow Rate (kg/h)	Efficiency (W/W)
±5%	±5%	±5%	±5%	±7%
736	299	1.75	16.23	2.47

Test condition: ASHRAE, Fan, Return Gas 35°C, Subcooling 8.3K, Evaporating: 7.2°C, Condensing: 54°C, Ambient: 35°C

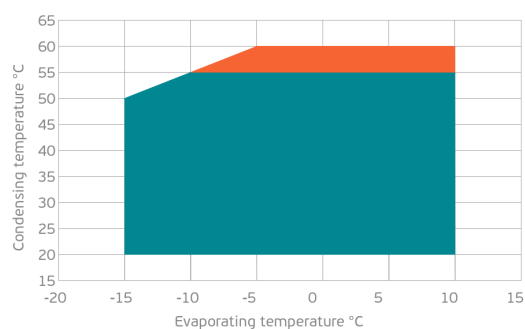
PERFORMANCE CURVE DATA**220V 50Hz**

Condensing Temperature (°C)	Evaporating Temperature (°C)	Cooling Capacity (W)	Power Consumption (W)	Current Consumption (A)	Gas Flow Rate (kg/h)	Efficiency (W/W)
		±5%	±5%	±5%	±5%	±7%
35°C	10	1 003	268	1.65	18.95	3.74
	5	843	245	1.57	15.83	3.44
	0	701	224	1.50	13.08	3.12
	-5	574	205	1.45	10.67	2.80
	-10	464	188	1.40	8.60	2.47
	-15	371	172	1.35	6.84	2.16

Condensing Temperature (°C)	Evaporating Temperature (°C)	Cooling Capacity (W)	Power Consumption (W)	Current Consumption (A)	Gas Flow Rate (kg/h)	Efficiency (W/W)
		±5%	±5%	±5%	±5%	±7%
45°C	10	910	290	1.73	18.61	3.14
	5	762	266	1.64	15.48	2.87
	0	630	243	1.56	12.72	2.59
	-5	513	222	1.49	10.31	2.31
	-10	412	202	1.43	8.24	2.04
	-15	326	183	1.38	6.49	1.78

Condensing Temperature (°C)	Evaporating Temperature (°C)	Cooling Capacity (W)	Power Consumption (W)	Current Consumption (A)	Gas Flow Rate (kg/h)	Efficiency (W/W)
		±5%	±5%	±5%	±5%	±7%
55°C	10	802	317	1.82	17.91	2.53
	5	669	289	1.72	14.84	2.31
	0	551	263	1.63	12.15	2.10
	-5	448	238	1.55	9.81	1.88
	-10	358	214	1.47	7.82	1.67

Test condition: ASHRAE, Fan, Return Gas 35°C, Subcooling 8.3K, Ambient: 35°C



- Operating Condition
- Transient Condition
- Superheating

NOTE: usage of compressors outside of intended working range cannot make use of the warranty, or should be consulted with Technical support.