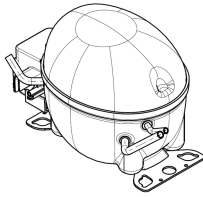


220-240V 50 1~



GENERAL DATA

Application: HBP
Refrigerant: R600a
Evaporating Temperature Range: -15°C to 10°C
Compressor Cooling: Static
Type: Hermetic reciprocating
Technology Type: On-Off
Expansion Device: Capillary Tube
Packing Quantity: 100
Displacement: 6.78 cm³
Horse power: 1/8 hp

Approvals: 

MECHANICAL DATA

Bore: 24 mm
Stroke: 15 mm
Oil Charge: 180ml
Maximum Recommended Refrigerant Charge: 330 g
Oil Type Configuration: MINERAL
Oil Type Viscosity: ISO10
Weight: 7.65 kg

ELECTRICAL DATA

Motor Type: RSIR
Starting Torque: LST
Voltage working range at 60 Hz: 198-264 V
Maximum Motor Temperature: 130 °C
Start Winding Resistance: 26.9 Ω (± 10%) at 25°C
Run Winding Resistance: 17.5 Ω (± 10%) at 25°C
Locked Rotor Amperage (LRA): 6 A

MOUNTING ACCESSORIES

	Description	Code
Anchorage:	no	-
Overload Protector Bracket:	no	-
Capacitor Bracket:	no	-
Washer:	no	-
Pin:	no	-
Cover:	no	-
Grommets:	no	-
Sleeves:	no	-
Terminal:	no	-
Clip:	yes	13143000

ELECTRICAL COMPONENTS

	Component type	Description	Code
CSR / CSIR Box:	No		
Starting Device:	PTC	V230	
Motor Protection:		T0357/07	2288035

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	6.1	Copper	Slanted parallel BP+24° to Back
Process Connector	6	Copper(OD)	Slanted 43° 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%
357	135	0.88	4.51	2.64

Test condition: EN 12900, Static, Return Gas 20°C, Subcooling OK, Evaporating: 5°C, Condensing: 50°C, Ambient: 35°C

PERFORMANCE CURVE DATA

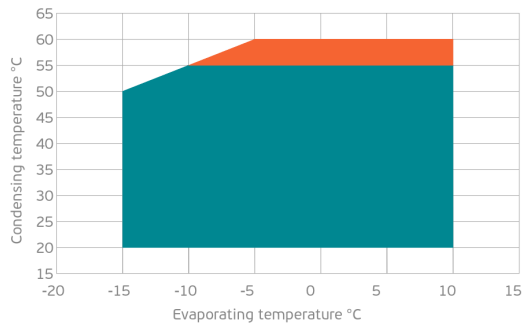
220V 50Hz

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	511	122	0.84	5.71	4.19
	5	426	116	0.82	4.75	3.67
	0	352	109	0.80	3.91	3.22
	-5	288	102	0.78	3.18	2.82
	-10	232	95	0.76	2.56	2.45
	-15	185	87	0.75	2.03	2.13

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	459	137	0.89	5.57	3.34
	5	381	129	0.86	4.61	2.96
	0	313	120	0.83	3.77	2.62
	-5	255	111	0.80	3.06	2.30
	-10	205	101	0.78	2.45	2.02
	-15	162	92	0.76	1.94	1.76

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	402	153	0.94	5.35	2.62
	5	332	142	0.90	4.41	2.34
	0	272	131	0.86	3.59	2.08
	-5	220	119	0.83	2.90	1.85
	-10	176	108	0.80	2.31	1.63

Test condition: EN 12900, Static, Return Gas 20°C, Subcooling OK, 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.