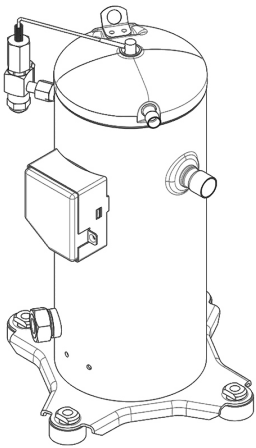


SE2006GK-C



ENGINEERING CODE
303AC0204AA



REFRIGERANT
R-404A



POWER SUPPLY
220 V 50 Hz 1~



APPLICATION
LBP



MOTOR TYPE
CSR



STANDARD
EN12900



COOLING CAPACITY
1179 W



EFFICIENCY
1.06 W/W

DATA

GENERAL DATA

Model	SE2006GK-C
Type	Hermetic Scroll Compressor
Technology	On-Off
Compressor application	LBP
Compressor cooling	Static
HP	2

ELECTRICAL DATA

Voltage range 50Hz	198-242 V
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ELECTRICAL COMPONENTS

CSR CSIR BOX	yes
Starting device type	Potential Relay
Overload protection	Internal Protector 15HM2495-XX
Run capacitor	60 µf (450 V)
Start capacitor	160 µf (330 V)

MECHANICAL DATA			
Displacement		5.80 m³/h (33.33 cm³/rev)	
Free volume high		1 L	
Free volume low		3.6 L	
High side pressure		3.2 MPa	
Low side pressure		2 MPa	
Max discharge temperature		120 °C	
Oil charge		1.4 L	
Oil Recharge		1.25 L	
Oil Circulation		0.01 %	
Oil type		POE	
Height		430.9 mm	
Weight		31 Kg	
Rated speed		2900 RPM	
EXTERNAL CHARACTERISTICS			
Base Plate Holes		190.5x190.5	
Base plate dimensions		239x239	
Connector	Internal diameter	Shape	Material
Suction	ID 22.4 mm	Brazing	Copper plated steel tube
Discharge	ID 12.92 mm	Brazing	Copper plated steel tube
MOTOR DATA			
Max motor temperature		130 °C	
Motor insulation		B	
Run winding resistance		0.8 Ω	
Start winding resistance		1.6 Ω	
ADDITIONAL COMPONENTS			
Cover		yes	
Cover gasket		yes	
Grommets		yes	
Grounding screw		yes	
Hanger tab		yes	
Liquid injection		3/8"	
Sightglass		yes	
Sleeves		yes	

TESTED CONDITIONS

Tested refrigerant	R-404A
Tested application	LBP
Tested standard	EN12900
Tested cooling	Static
Tested voltage	220 V
Tested frequency	50Hz
Tested frequency	50Hz
Max refrigerant charge	3.5 Kg

RATED POINTS

Condensing Temperature °C	Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
40	-35	1179	1.06	1115

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

PERFORMANCE CURVE

Condensing Temperature 35°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-40	1031.00	0.94	1098.00
-35	1312.00	1.14	1150.00
-30	1653.00	1.37	1205.00
-25	2058.00	1.63	1264.00
-20	2531.00	1.91	1326.00
-15	3075.00	2.21	1391.00
-10	3695.00	2.53	1459.00
-5	4393.00	2.87	1530.00
0	5174.00	3.22	1605.00

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

PERFORMANCE CURVE

Condensing Temperature 45°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-40	849.00	0.65	1304.00
-35	1096.00	0.80	1363.00
-30	1393.00	0.98	1424.00
-25	1744.00	1.17	1489.00
-20	2154.00	1.38	1557.00
-15	2626.00	1.61	1628.00
-10	3163.00	1.86	1703.00
-5	3770.00	2.12	1780.00
0	4450.00	2.39	1861.00

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

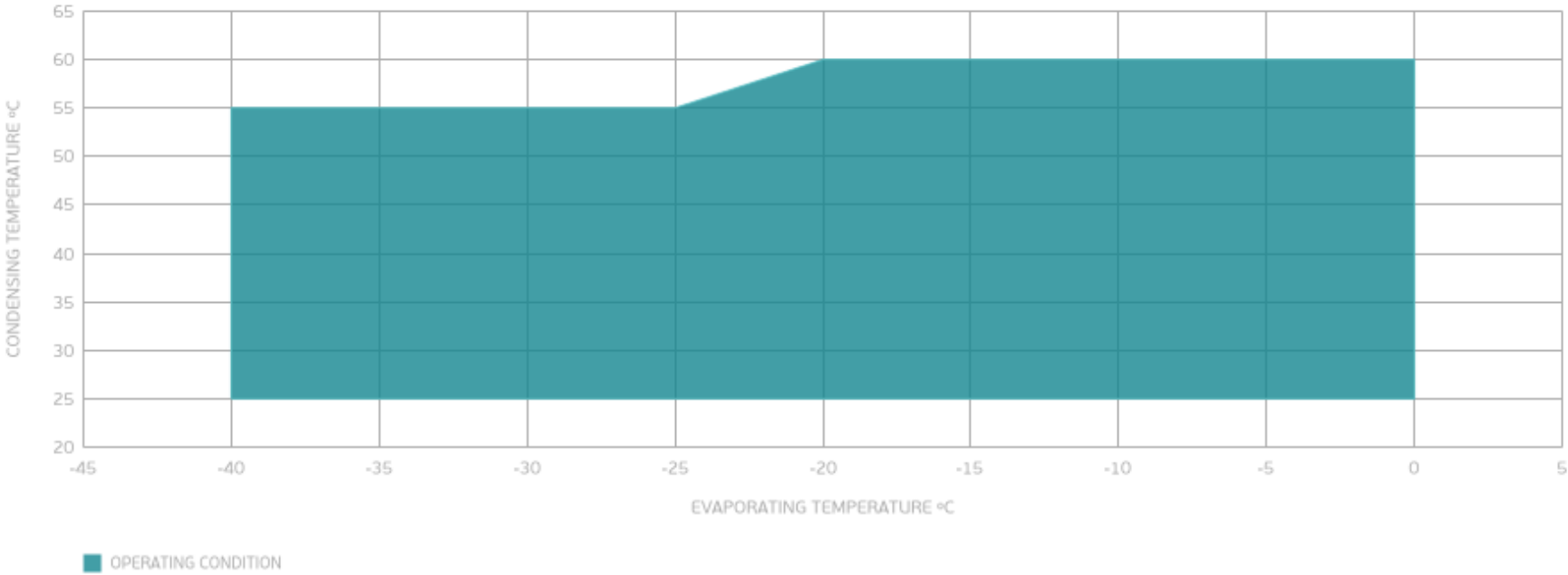
PERFORMANCE CURVE

Condensing Temperature 55°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-40	675.00	0.42	1619.00
-35	876.00	0.52	1680.00
-30	1119.00	0.64	1745.00
-25	1406.00	0.78	1813.00
-20	1742.00	0.92	1884.00
-15	2130.00	1.09	1959.00
-10	2574.00	1.26	2036.00
-5	3079.00	1.45	2117.00
0	3647.00	1.66	2201.00

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

ENVELOPE



EXTERNAL DIMENSIONS

