



Minimum Evaporating Temp. With:

- █ 25 °C Suction Gas Return with add cooling
- █ Maximum Evaporating Temperature

Suction Return Temperature 20.0°C

Liquid Subcooling 0.0K

Evaporating Temperature, °C

Cond °C	Cooling Capacity, kW						
	-50.0	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0
25.0	1.48	2.23	3.24	4.49	5.98	7.67	9.57
30.0	1.32	2.02	2.97	4.16	5.57	7.19	9.00
35.0	1.17	1.82	2.71	3.83	5.17	6.71	8.44
40.0	1.02	1.62	2.46	3.51	4.78	6.24	7.89
45.0			2.21	3.20	4.40	5.78	7.34
50.0			1.97	2.90	4.02	5.32	6.80
55.0			1.74	2.60	3.65	4.87	6.26

Cond °C	Power, kW						
	-50.0	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0
25.0	1.56	1.88	2.22	2.58	2.91	3.21	3.44
30.0	1.52	1.87	2.25	2.64	3.02	3.36	3.65
35.0	1.49	1.86	2.27	2.69	3.11	3.50	3.84
40.0	1.44	1.84	2.27	2.73	3.19	3.62	4.01
45.0			2.26	2.75	3.25	3.72	4.16
50.0			2.25	2.77	3.29	3.81	4.29
55.0			2.22	2.76	3.33	3.88	4.41

Cond °C	Current at 400 V, A						
	-50.0	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0
25.0	4.29	4.58	4.92	5.29	5.67	6.01	6.30
30.0	4.27	4.57	4.95	5.36	5.79	6.20	6.57
35.0	4.24	4.56	4.96	5.42	5.89	6.37	6.82
40.0	4.20	4.54	4.97	5.46	5.99	6.53	7.05
45.0			4.96	5.49	6.06	6.66	7.26
50.0			4.94	5.50	6.12	6.78	7.45
55.0			4.91	5.50	6.17	6.88	7.61

Cond °C	Suction Mass Flow, g/s						
	-50.0	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0
25.0	7.54	11.35	16.55	23.00	30.60	39.40	49.30
30.0	6.95	10.65	15.65	22.00	29.50	38.20	48.00
35.0	6.36	9.90	14.80	21.00	28.30	36.90	46.60
40.0	5.78	9.16	13.90	19.90	27.20	35.60	45.20
45.0			13.00	18.85	26.00	34.30	43.70
50.0			12.05	17.80	24.70	32.90	42.20
55.0			11.10	16.65	23.50	31.50	40.60

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Number of cylinders	2
Displacement @ 50 Hz, m ³ /h	22.5
Bore/Stroke, mm	61.9/42.8
Length/Width, mm	470/330
Height, mm	385
Net Weight, kg	77
Gross Weight, kg	82
Suction, inch	1 1/8
Discharge, inch	5/8
Drive Frequency Range, Hz	25 - 60
Oil Quantity, l	2
Oil type (original charge)	POE RL32-3MAF
Oil type (approved oils)	POE RL32-3MAF, POE MOBIL EAL Arctic 22 CC
Base mounting (hole dia), mm	295 x 279 (14)
High Side PS gauge, bar	28
Low Side PS gauge, bar	22.5
Refrigerant's GWP	1810
Refrigerant's classification	A1

COMPRESSOR ELECTRICAL DATA (380-420 V / 3~ / 50 Hz)

Maximum Operating Current, A	8.5
Locked Rotor Current, A	68.5
Default Enclosure Class	IP 54 (IEC 34)

ACCESSORIES INCLUDED

Mounting Springs	4
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ACCESSORIES OPTIONAL

Additional Cooling	1 or 2 ways water Coil
Adapter Kit	For Parallel Operation
Crankcase Heater	70 W Internal
Additional Cooling	70 W Vertical Air Flow Fan
Additional Cooling	25 W Horizontal Air Flow Fan

MOTOR OPTIONS

Motor Code	Power Supply	Nominal Voltage, V	Start Connection	DOL Connection	Amps Factor
EWL	380-420 V / 3~ / 50 Hz	400		Y	1.00
EWL	220-240 V / 3~ / 50 Hz	230	Y/DELTA	DELTA	1.73
EWM	380-420 V / 3~ / 50 Hz	400	Y/DELTA	DELTA	1.00