



Minimum Evaporating Temp. With:

- █ 25 °C Suction Gas Return
- █ Maximum Evaporating Temperature

Suction Return Temperature 20.0°C

Evaporating Temperature, °C

Liquid Subcooling 0.0K

Cond °C	Cooling Capacity, kW				
	50.0-	45.0-	40.0-	35.0-	30.0-
30.0	1.94	2.58	3.36	4.31	5.44
35.0	1.85	2.47	3.23	4.14	5.24
40.0	1.76	2.36	3.10	3.98	5.04
45.0	1.68	2.26	2.96	3.82	4.83
50.0	1.59	2.15	2.83	3.65	4.63
55.0	1.51	2.05	2.70	3.49	4.43

Cond °C	Power, kW				
	50.0-	45.0-	40.0-	35.0-	30.0-
30.0	2.16	2.44	2.75	3.08	3.43
35.0	2.27	2.58	2.92	3.28	3.67
40.0	2.40	2.73	3.10	3.49	3.91
45.0	2.53	2.89	3.28	3.70	4.16
50.0	2.67	3.05	3.47	3.93	4.42
55.0	2.82	3.23	3.67	4.16	4.70

Cond °C	Current at 400 V, A				
	50.0-	45.0-	40.0-	35.0-	30.0-
30.0	5.67	6.12	6.65	7.25	7.92
35.0	5.85	6.36	6.95	7.63	8.39
40.0	6.05	6.62	7.28	8.03	8.89
45.0	6.27	6.89	7.62	8.46	9.43
50.0	6.51	7.19	8.00	8.93	10.00
55.0	6.77	7.52	8.40	9.44	10.63

Cond °C	Mass Flow, g/s				
	50.0-	45.0-	40.0-	35.0-	30.0-
30.0	10.20	13.60	17.70	22.70	28.80
35.0	10.05	13.45	17.60	22.60	28.70
40.0	9.93	13.35	17.50	22.60	28.60
45.0	9.82	13.25	17.40	22.50	28.60
50.0	9.71	13.15	17.35	22.40	28.50
55.0	9.63	13.05	17.30	22.40	28.50

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Number of cylinders	3
Displacement @ 50 Hz, m ³ /h	21.6
Bore/Stroke, mm	55.5/50.8
Length/Width, mm	655/385
Height, mm	540
Net Weight, kg	163
Gross Weight, kg	176
Suction, inch	1 3/8
Discharge, inch	7/8
Oil Quantity, l	3.6
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	381 x 305 (18.0)
High Side PS, bar(g)	32.5
Low Side PS, bar(g)	22.5
Refrigerant's GWP	1810
Refrigerant's classification	A1

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

Maximum Operating Current, A	11.8
Locked Rotor Current, A	78
Default Enclosure Class	IP 54 (IEC 34)

ACCESSORIES INCLUDED

Oil Pressure Switch	OPS2 Sensor
Mounting Springs	4

ACCESSORIES OPTIONAL

Oil Pressure Switch	OPS2 Electronic Switch
Deep Oil Sump	Mounted
Adapter Kit	For Parallel Operation
Oil Control System	ALCO Trax-Oil OM3

MOTOR OPTIONS

Motor Code	Power Supply	Nominal Voltage, V	Start Connection	DOL Connection	Amps Factor
AWM	380-420 V / 3~ / 50 Hz	400	YYY	Y	1.00
EWL	220-240 V / 3~ / 50 Hz	230	Y/DELTA	DELTA	1.73
EWL	380-420 V / 3~ / 50 Hz	400		Y	1.00
EWM	380-420 V / 3~ / 50 Hz	400	Y/DELTA	DELTA	1.00
EWY	500-550 V / 3~ / 50 Hz	525	Y/DELTA	DELTA	0.76
AWR	220-240 V / 3~ / 50 Hz	230	YYY	Y	1.73
AWY	500-550 V / 3~ / 50 Hz	525	YYY	Y	0.76
TWY	500-550 V / 3~ / 50 Hz	525		DELTA	0.76
EWK	220-240 V / 3~ / 60 Hz	230	Y/DELTA	DELTA	2.10
EWK	380-420 V / 3~ / 60 Hz	380		Y	1.20
EWD	440-480 V / 3~ / 60 Hz	460	Y/DELTA	DELTA	1.00
AWC	208-230 V / 3~ / 60 Hz	230	YYY	Y	2.19
AWD	440-480 V / 3~ / 60 Hz	460	YYY	Y	1.00