



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	2.53	3.25	4.14	5.20	6.47
35.0	2.46	3.15	4.00	5.02	6.24
40.0	2.39	3.05	3.86	4.84	6.01
45.0	2.32	2.96	3.73	4.67	5.78
50.0	2.27	2.87	3.61	4.50	5.56
55.0	2.22	2.79	3.49	4.34	5.34

Cond °C	Power, kW				
	50.0-	45.0-	40.0-	35.0-	30.0-
30.0	2.36	2.61	2.88	3.16	3.45
35.0	2.48	2.76	3.07	3.40	3.74
40.0	2.61	2.93	3.27	3.65	4.04
45.0	2.75	3.10	3.48	3.91	4.36
50.0	2.90	3.28	3.71	4.18	4.70
55.0	3.06	3.48	3.95	4.48	5.05

Cond °C	Current at 400 V, A				
	50.0-	45.0-	40.0-	35.0-	30.0-
30.0	5.99	6.41	6.88	7.40	7.95
35.0	6.18	6.67	7.23	7.85	8.54
40.0	6.40	6.96	7.61	8.35	9.18
45.0	6.64	7.27	8.02	8.88	9.87
50.0	6.91	7.62	8.48	9.48	10.64
55.0	7.22	8.02	8.98	10.13	11.48

Cond °C	Mass Flow, g/s				
	50.0-	45.0-	40.0-	35.0-	30.0-
30.0	13.30	17.10	21.80	27.40	34.20
35.0	13.35	17.15	21.80	27.40	34.20
40.0	13.45	17.25	21.80	27.40	34.20
45.0	13.60	17.35	21.90	27.50	34.20
50.0	13.80	17.55	22.10	27.60	34.20
55.0	14.10	17.80	22.30	27.80	34.40

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
Liquid Subcooler	Plate Heat Exchanger

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