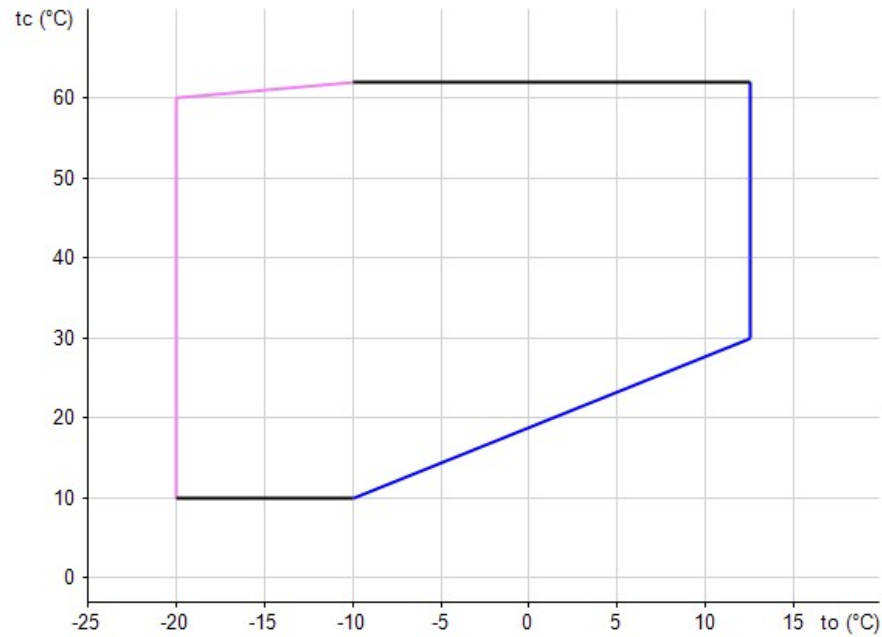




Minimum Evaporating Temp. With:

25 °C Suction Gas Return

Maximum Evaporating Temperature

Suction Superheat 11.1K

Liquid Subcooling 8.3K

Evaporating Temperature, °C

Cond °C	Cooling Capacity, kW								
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
10.0	33.50	42.70	53.70						
15.0	31.40	40.30	51.00	63.60					
20.0	29.40	37.90	48.20	60.30	74.60				
25.0	27.40	35.60	45.40	57.00	70.70	86.60			
30.0	25.40	33.30	42.70	53.80	66.90	82.10	88.80	99.60	109.50
35.0	23.50	31.00	40.00	50.60	63.00	77.60	84.00	94.40	103.50
40.0	21.60	28.80	37.30	47.40	59.20	73.10	79.20	89.20	98.10
45.0	19.80	26.70	34.70	44.30	55.50	68.70	74.50	84.00	92.50
50.0	18.15	24.60	32.20	41.20	51.90	64.30	69.90	78.90	87.00
55.0	16.55	22.60	29.80	38.30	48.30	60.10	65.30	73.90	81.60
60.0	15.10	20.80	27.50	35.40	44.80	55.90	60.80	68.90	76.30
62.0			26.60	34.30	43.40	54.20	59.10	67.00	74.10

50 Hz 6DL-270 R134a

Cond °C	Power, kW								
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
10.0	7.22	7.53	7.63						
15.0	7.78	8.26	8.56	8.64					
20.0	8.30	8.94	9.44	9.73	9.78				
25.0	8.78	9.58	10.25	10.75	11.05	11.10			
30.0	9.24	10.20	11.05	11.75	12.25	12.55	12.60	12.55	12.45
35.0	9.66	10.75	11.80	12.70	13.45	13.95	14.10	14.25	14.25
40.0	10.05	11.30	12.50	13.60	14.55	15.35	15.60	15.90	16.05
45.0	10.45	11.80	13.15	14.45	15.60	16.65	17.00	17.45	17.80
50.0	10.85	12.35	13.85	15.30	16.65	17.90	18.35	19.00	19.45
55.0	11.25	12.85	14.45	16.10	17.70	19.15	19.70	20.50	21.10
60.0	11.65	13.35	15.10	16.90	18.65	20.40	21.00	21.90	22.70
62.0			15.35	17.20	19.05	20.80	21.50	22.50	23.30

Cond °C	Current at 400 V, A								
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
10.0	19.54	19.85	19.93						
15.0	19.97	20.47	20.79	20.85					
20.0	20.43	21.13	21.68	22.01	22.04				
25.0	20.92	21.80	22.58	23.19	23.54	23.56			
30.0	21.41	22.49	23.50	24.37	25.04	25.41	25.46	25.42	25.27
35.0	21.91	23.17	24.42	25.56	26.54	27.26	27.46	27.66	27.72
40.0	22.40	23.86	25.33	26.75	28.03	29.10	29.46	29.90	30.17
45.0	22.89	24.53	26.23	27.92	29.51	30.93	31.44	32.11	32.59
50.0	23.35	25.19	27.11	29.07	30.96	32.74	33.39	34.31	34.99
55.0	23.80	25.81	27.97	30.19	32.39	34.51	35.32	36.47	37.36
60.0	24.21	26.41	28.79	31.27	33.78	36.25	37.20	38.59	39.70
62.0			29.11	31.69	34.33	36.93	37.95	39.43	40.61

50 Hz		6DL-270						R134a	
Cond	Suction Mass Flow, g/s								
°C	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
10.0	173.50	217.00	269.00						
15.0	168.50	212.00	264.00	324.00					
20.0	164.00	208.00	259.00	319.00	387.00				
25.0	159.00	203.00	254.00	313.00	381.00	459.00			
30.0	153.50	197.50	248.00	307.00	375.00	452.00	486.00	539.00	587.00
35.0	148.50	192.00	243.00	301.00	368.00	445.00	478.00	532.00	579.00
40.0	143.50	187.00	237.00	295.00	362.00	438.00	471.00	524.00	571.00
45.0	138.50	182.00	232.00	289.00	355.00	430.00	463.00	516.00	563.00
50.0	133.50	177.00	226.00	283.00	348.00	423.00	456.00	508.00	555.00
55.0	129.00	172.50	221.00	277.00	342.00	416.00	448.00	500.00	547.00
60.0	125.50	168.00	216.00	272.00	335.00	409.00	441.00	493.00	539.00
62.0			215.00	270.00	333.00	406.00	438.00	490.00	536.00

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Number of cylinders

6

Displacement @ 50 Hz, m³/h

106

Bore/Stroke, mm

68.3/55.6

Length/Width, mm

740/580

Height, mm

490

Net Weight, kg

242

Gross Weight, kg

258

Rotalock Discharge, inch

1 3/8

Suction, inch

2 1/8

Drive Frequency Range, Hz

25 - 60

Oil Quantity, l

3.3

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)

Sound Pressure @ 1m, dBA

73.5

Sound Power, dBA

84.5

High Side PS gauge, bar

32.5

Low Side PS gauge, bar

22.5

Refrigerant's GWP

1430

Refrigerant's classification

A1

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

Maximum Operating Current, A

53.7

Locked Rotor Current, A

199

Default Enclosure Class

IP 54 (IEC 34)

ACCESSORIES INCLUDED

Oil Pressure Switch
Mounting Springs

OPS2 Sensor
4

ACCESSORIES OPTIONAL

Additional Cooling
Capacity Control
Crankcase Heater
Enclosure Class
Oil Pressure Switch
Unloaded start
Deep Oil Sump
Adapter Kit
Check Valve
Oil Control System

70 W Vertical Air Flow Fan
Capacity Steps 66%
100 W Internal
IP 56
OPS2 Electronic Switch
Available
Mounted
For Parallel Operation
For unloaded start operation
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	YY/Y	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
AWR	220-240 V / 3~ / 50 Hz	230	YY/Y	Y	1.73
AWY	500-550 V / 3~ / 50 Hz	525	YY/Y	Y	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	YY/Y	Y	2.19
AWX	380 V / 3~ / 60 Hz	380	YY/Y	Y	1.20
AWD	440-480 V / 3~ / 60 Hz	460	YY/Y	Y	1.00