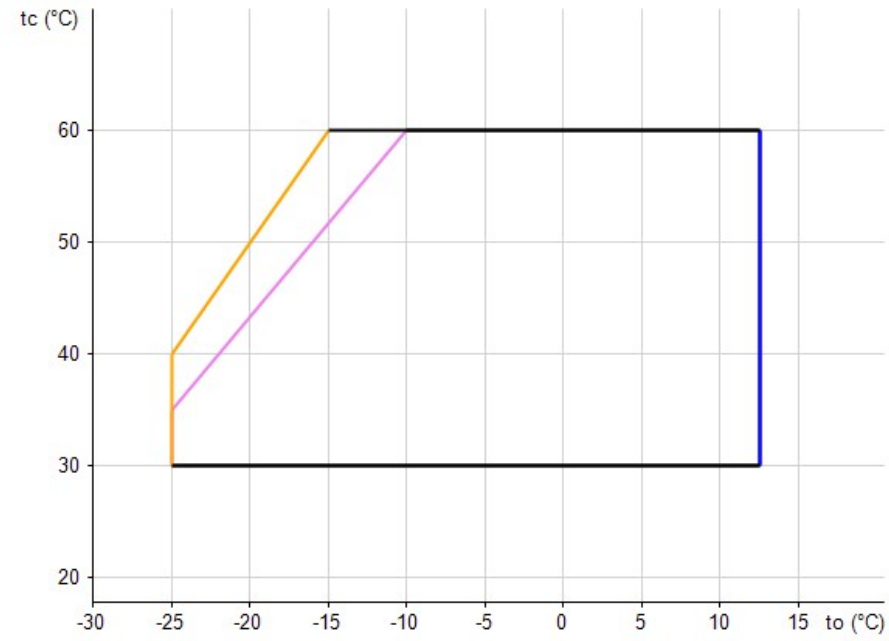
50 Hz | D4DA-200X | R407C Dew Point



Minimum Evaporating Temp. With:

25 °C Suction Gas Return | 20 K Suction Superheat

Maximum Evaporating Temperature

Suction Superheat 10.0K | Liquid Subcooling 0.0K

Evaporating Temperature, °C

Cond	Cooling Capacity, kW									
°C	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
30.0	15.05	19.75	25.30	31.90	39.70	48.80	59.50	64.20	71.70	78.50
35.0	13.45	18.00	23.30	29.60	37.00	45.70	55.80	60.30	67.50	73.90
40.0	11.75	16.20	21.30	27.30	34.30	42.50	52.10	56.30	63.10	69.30
45.0		14.40	19.25	24.90	31.50	39.30	48.30	52.30	58.70	64.60
50.0		12.55	17.20	22.50	28.70	36.00	44.50	48.20	54.30	59.80
55.0			15.10	20.10	25.90	32.70	40.60	44.10	49.80	54.90
60.0			12.95	17.65	23.00	29.30	36.60	39.90	45.20	50.00

50 Hz | D4DA-200X | R407C Dew Point

Cond	Power, kW									
°C	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
30.0	6.19	6.87	7.53	8.13	8.61	8.93	9.05	9.03	8.92	8.75
35.0	6.47	7.26	8.06	8.79	9.43	9.93	10.25	10.30	10.30	10.25
40.0	6.75	7.65	8.57	9.44	10.25	10.90	11.40	11.50	11.65	11.70
45.0		8.01	9.04	10.05	11.00	11.80	12.45	12.70	12.95	13.05
50.0		8.32	9.45	10.60	11.65	12.65	13.45	13.75	14.10	14.35
55.0			9.78	11.00	12.20	13.35	14.35	14.70	15.15	15.50
60.0			9.99	11.35	12.65	13.95	15.10	15.50	16.05	16.50

Cond	Current at 400 V, A									
°C	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
30.0	14.56	15.38	16.36	17.35	18.20	18.78	18.92	18.83	18.50	18.03
35.0	15.26	16.17	17.27	18.41	19.46	20.27	20.69	20.72	20.58	20.28
40.0	15.81	16.80	18.02	19.32	20.57	21.61	22.31	22.46	22.51	22.38
45.0		17.30	18.64	20.10	21.55	22.83	23.80	24.06	24.31	24.35
50.0		17.69	19.15	20.78	22.42	23.94	25.18	25.57	26.00	26.21
55.0			19.58	21.37	23.21	24.96	26.48	26.99	27.62	28.00
60.0			19.96	21.91	23.95	25.94	27.73	28.36	29.18	29.73

Cond	Suction Mass Flow, g/s									
°C	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
30.0	89.70	115.50	145.50	180.50	221.00	268.00	322.00	345.00	383.00	417.00
35.0	83.90	110.50	140.50	175.50	216.00	262.00	316.00	339.00	376.00	409.00
40.0	77.50	104.50	135.00	170.00	210.00	256.00	309.00	332.00	369.00	402.00
45.0		98.20	129.00	164.00	204.00	249.00	301.00	324.00	361.00	393.00
50.0		90.90	122.00	157.00	196.50	241.00	293.00	316.00	352.00	385.00
55.0			114.50	149.50	188.50	233.00	284.00	307.00	343.00	375.00
60.0			106.00	140.50	179.50	224.00	275.00	297.00	333.00	365.00

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Number of cylinders	4
Displacement @ 50 Hz, m³/h	56.0
Bore/Stroke, mm	63.5/50.8
Length/Width, mm	650/535
Height, mm	495
Net Weight, kg	196
Gross Weight, kg	212
Suction, inch	1 5/8
Discharge, inch	1 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	72
Sound Power, dBA	83
High Side PS gauge, bar	32.5
Low Side PS gauge, bar	22.5
Refrigerant's GWP	1774
Refrigerant's classification	A1

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

Maximum Operating Current, A	32.5
Locked Rotor Current, A	175
Default Enclosure Class	IP 54 (IEC 34)

ACCESSORIES INCLUDED

Oil Pressure Switch	OPS2 Sensor
Mounting Springs	4

ACCESSORIES OPTIONAL

Enclosure Class	IP 56
Adapter Kit	For Parallel Operation
Oil Pressure Switch	OPS2 Electronic Switch
Oil Control System	ALCO Trax-Oil OM3
Additional Cooling	70 W Vertical Air Flow Fan
Crankcase Heater	100 W Internal
Unloaded start	Available
Deep Oil Sump	Mounted
Capacity Control	Capacity Steps 50%
Check Valve	For unloaded start operation

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