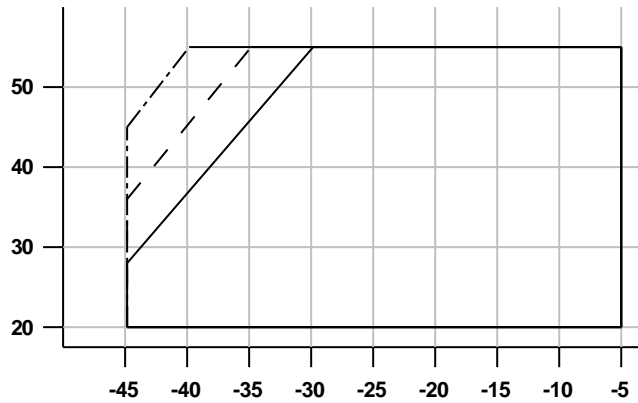


50Hz

D2SC-55X

R404A



Minimum evaporating temp. with:

———— 25°C Suction Gas Return

- - - 0°C Suction Gas Return

- · - · - 0°C Suction Gas Return + additional cooling

Suction Return Temperature 20.0°C

Evaporating Temperature °C

Liquid subcooling 0.0K

Cond °C	Refrigeration Capacity kW								
	-45	-40	-35	-30	-25	-20	-15	-10	-5
20	3.20	4.45	6.05	7.95	10.20	12.90	16.00	19.50	23.60
25	2.83	4.05	5.55	7.35	9.55	12.05	15.00	18.40	22.30
30		3.65	5.05	6.80	8.80	11.20	14.00	17.20	20.90
35		3.20	4.55	6.15	8.10	10.35	12.95	16.00	19.40
40			4.05	5.55	7.35	9.45	11.90	14.70	17.90
45			3.55	4.90	6.55	8.50	10.75	13.40	16.40
50				4.25	5.75	7.55	9.60	12.05	14.85
55				3.60	4.95	6.55	8.45	10.65	13.25
Power Input kW									
	-45	-40	-35	-30	-25	-20	-15	-10	-5
20	2.20	2.66	3.11	3.53	3.90	4.19	4.41	4.51	4.50
25	2.17	2.67	3.18	3.67	4.11	4.51	4.82	5.05	5.15
30		2.66	3.22	3.77	4.29	4.77	5.20	5.55	5.75
35		2.61	3.22	3.83	4.42	4.98	5.50	5.95	6.30
40			3.18	3.85	4.51	5.15	5.75	6.30	6.80
45			3.12	3.83	4.55	5.25	5.95	6.60	7.20
50				3.77	4.55	5.35	6.10	6.85	7.55
55				3.68	4.51	5.35	6.20	7.05	7.80
Current at 400V, A									
	-45	-40	-35	-30	-25	-20	-15	-10	-5
20	6.0	6.3	6.7	7.1	7.5	7.9	8.3	8.5	8.5
25	6.1	6.4	6.8	7.3	7.9	8.4	8.8	9.1	9.3
30		6.4	6.9	7.5	8.1	8.7	9.2	9.7	10.0
35		6.5	7.0	7.6	8.3	9.0	9.6	10.2	10.7
40			7.0	7.7	8.4	9.2	10.0	10.7	11.3
45			7.0	7.7	8.5	9.4	10.3	11.1	11.8
50				7.8	8.6	9.6	10.5	11.5	12.3
55				7.8	8.7	9.7	10.8	11.8	12.8
Refrigerant mass flow g/s									
	-45	-40	-35	-30	-25	-20	-15	-10	-5
20	19.3	27.1	36.8	48.6	62.8	79.5	99.5	122.5	149.0
25	18.0	25.8	35.5	47.3	61.5	78.5	98.0	121.0	148.0
30		24.4	34.1	45.8	59.9	76.5	96.5	119.5	146.0
35		22.8	32.4	44.1	58.0	74.5	94.5	117.5	144.0
40			30.5	42.0	55.9	72.5	92.0	115.0	142.0
45			28.4	39.8	53.4	70.0	89.0	112.0	139.0
50				37.2	50.7	67.0	86.0	109.0	136.0
55				34.4	47.6	63.5	82.5	105.5	133.0

50Hz

D2SC-55X

COMPRESSOR - Semi-hermetic Standard

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement, m ³ /h	26.8
Number of cylinders	2
Bore/Stroke, mm	60.3/54.0
Length/Width, mm	560/330
Height, mm	395
Gross Weight, kg	96
Suction, inch	1 1/8
Discharge, inch	7/8
Max. High Pressure, bar g	28
Max. Standstill Pressure, bar g	22.5
Oil Quantity, l	2.4
Base mounting (hole dia), mm	295 x 279 (14.0)
Sound Pressure @ 1m, dBA	66.5

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

Maximum Operating Current, A	13.1
Locked Rotor Current, A	74.1

ACCESSORIES INCLUDED

Oil Pressure Switch	OPS1 Sensor
Mounting Springs	4

ACCESSORIES OPTIONAL

Additional Cooling	70W Vertical Air Flow Fan
Crankcase Heater	70W Internal
Oil Pressure Switch	OPS1 Electronic Switch
Start Unloader	By Pass Valve

MOTOR OPTIONS

Power Supply	Nominal Voltage	Motor Code	Connection Type	Approximate Factor for Amps
380-420V/3~/50Hz	400	EWL	Y	1.00
220-240V/3~/50Hz	230	EWL	DELTA	1.73
380-420V/3~/50Hz	400	EWM	DELTA/Y-START	1.00
500-550V/3~/50Hz	525	TWY	DELTA	0.76
220-240V/3~/60Hz	230	EWK	DELTA	2.10
380-420V/3~/60Hz	400	EWK	Y	1.20
250-280V/3~/60Hz	265	EWN	DELTA	1.73
440-480V/3~/60Hz	460	EWN	Y	1.00
440-480V/3~/60Hz	460	EWD	DELTA/Y-START	1.00