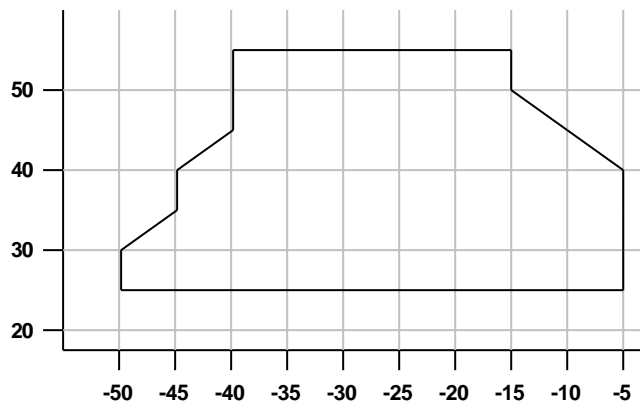


50Hz

DLF-201

R22



Minimum evaporating temp. with:

———— 25°C Suction Gas Return + Fan

Suction Return Temperature 20.0°C

Evaporating Temperature °C

Liquid subcooling 0.0K

Cond °C	Capacity kW									
	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5
25	0.63	1.00	1.51	2.17	2.99	3.98	5.17	6.57	8.18	10.05
30	0.53	0.88	1.35	1.96	2.74	3.68	4.81	6.14	7.68	9.46
35		0.75	1.19	1.77	2.50	3.39	4.46	5.72	7.19	8.89
40		0.63	1.04	1.58	2.26	3.10	4.11	5.31	6.71	8.32
45			0.89	1.39	2.03	2.82	3.77	4.90	6.23	
50			0.75	1.21	1.80	2.54	3.44	4.51		
55			0.61	1.04	1.59	2.28	3.12	4.13		
	Power Input kW									
	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5
25	0.88	1.04	1.23	1.42	1.61	1.80	1.96	2.10	2.21	2.27
30	0.85	1.02	1.22	1.44	1.65	1.86	2.06	2.24	2.38	2.48
35		1.00	1.21	1.44	1.68	1.92	2.15	2.36	2.54	2.68
40		0.97	1.19	1.44	1.70	1.96	2.22	2.46	2.68	2.87
45			1.17	1.43	1.71	2.00	2.28	2.56	2.81	
50			1.13	1.41	1.71	2.02	2.33	2.64		
55			1.09	1.38	1.70	2.03	2.37	2.71		
	Current 400V, A									
	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5
25	3.35	3.45	3.59	3.74	3.90	4.06	4.21	4.35	4.45	4.51
30	3.34	3.44	3.58	3.75	3.93	4.12	4.30	4.48	4.63	4.76
35		3.43	3.57	3.75	3.95	4.17	4.39	4.61	4.81	4.99
40		3.42	3.56	3.75	3.97	4.21	4.47	4.72	4.98	5.21
45			3.54	3.74	3.98	4.24	4.53	4.83	5.13	
50			3.52	3.73	3.98	4.27	4.59	4.92		
55			3.49	3.70	3.97	4.28	4.63	5.00		
	Mass Flow g/s									
	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5
25	3.20	5.10	7.70	11.10	15.30	20.50	26.70	34.00	42.60	52.50
30	2.80	4.60	7.10	10.40	14.50	19.60	25.60	32.90	41.30	51.20
35		4.10	6.50	9.70	13.70	18.60	24.60	31.70	40.10	49.80
40		3.50	5.90	8.90	12.80	17.70	23.50	30.50	38.80	48.50
45			5.20	8.20	12.00	16.70	22.40	29.30	37.50	
50			4.60	7.40	11.10	15.70	21.40	28.10		
55			3.90	6.70	10.20	14.70	20.20	26.90		

50Hz

DLF-201

R22

**DWM Copeland - Compressor - Refrigeration - Standard****COMPRESSOR MECHANICAL AND PHYSICAL DATA**

Number of cylinders	2
Displacement @ 50 Hz, cu.m/h	12.9
Bore/Stroke, mm	50.8/36.5
Length/Width, mm	460/330
Height, mm	385
Net Weight, kg	80
Gross Weight, kg	86
Suction, inch	7/8
Discharge, inch	5/8
Oil Quantity, l	2.3
Frequency Range, Hz	25 - 60
Base mounting (hole dia), mm	295 x 279 (14.0)
Sound Pressure @ 1m, dBA	51
High Side PS, bar(g)	28
Low Side PS, bar(g)	22.5

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

Maximum Operating Current, A	5.5
Locked Rotor Current, A	37.6
Default Enclosure Class	IP 54 (IEC 34)

**ACCESSORIES INCLUDED**

Mounting Springs	4
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**ACCESSORIES OPTIONAL**

Additional Cooling	1 or 2 ways water Coil
Additional Cooling	70W Vertical Air Flow Fan
Additional Cooling	25W Horizontal Air Flow Fan
Crankcase Heater	70W Internal
Adapter Kit	For Parallel Operation

**MOTOR OPTIONS**

<b>Power Supply</b>	<b>Nominal Voltage</b>	<b>Motor Code</b>	<b>Start Connection</b>	<b>DOL Connection</b>	<b>Amps Factor</b>
380-420 V/3~/50H	400	EWL		Y	1.00
220-240 V/3~/50H	230	EWL	Y/DELTA	DELTA	1.73
380-420 V/3~/50H	400	EWM	Y/DELTA	DELTA	1.00
220-240 V/3~/60H	230	EWK	Y/DELTA	DELTA	2.09
380-420 V/3~/60H	380	EWK		Y	1.26
440-480 V/3~/60H	460	EWD	Y/DELTA	DELTA	1.00