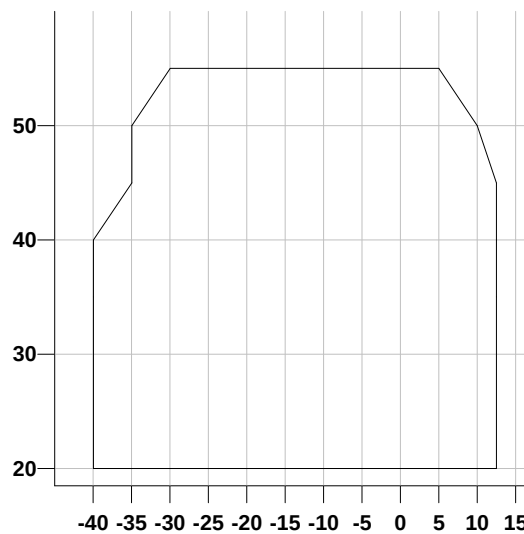


50Hz

DLE-20X

R404A Dew Point



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												
	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12,5
20	1,52	2,10	2,81	3,66	4,69	5,89	7,31	8,95	10,85	13,00	13,95	15,45	16,80
25	1,29	1,86	2,54	3,35	4,32	5,46	6,79	8,33	10,10	12,15	13,00	14,45	15,70
30	1,05	1,60	2,26	3,03	3,94	5,00	6,25	7,69	9,35	11,25	12,10	13,40	14,60
35	0,82	1,35	1,97	2,70	3,55	4,54	5,70	7,04	8,58	10,35	11,15	12,35	13,45
40	0,58	1,09	1,67	2,36	3,15	4,07	5,14	6,38	7,80	9,44	10,15	11,30	12,35
45		0,83	1,38	2,02	2,75	3,59	4,57	5,70	7,01	8,51	9,17	10,25	11,15
50		0,58	1,09	1,68	2,34	3,11	4,00	5,03	6,21	7,58	8,18	9,14	
55			0,82	1,34	1,94	2,64	3,43	4,35	5,41	6,64			
	Power Input kW												
	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12,5
20	0,93	1,08	1,22	1,35	1,46	1,55	1,61	1,63	1,62	1,56	1,53	1,46	1,39
25	0,90	1,07	1,23	1,38	1,52	1,64	1,73	1,80	1,82	1,81	1,80	1,75	1,71
30	0,86	1,04	1,22	1,40	1,57	1,72	1,84	1,94	2,02	2,05	2,05	2,04	2,02
35	0,81	1,01	1,21	1,41	1,60	1,78	1,94	2,08	2,19	2,27	2,29	2,30	2,31
40	0,74	0,96	1,18	1,40	1,62	1,83	2,03	2,20	2,35	2,47	2,51	2,55	2,58
45		0,89	1,13	1,38	1,62	1,86	2,09	2,30	2,49	2,66	2,71	2,79	2,84
50		0,81	1,07	1,34	1,61	1,88	2,14	2,39	2,62	2,83	2,90	3,00	
55			0,99	1,28	1,58	1,88	2,17	2,46	2,73	2,97			
	Current 400V, A												
	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12,5
20	2,85	3,03	3,19	3,35	3,49	3,59	3,67	3,69	3,67	3,58	3,53	3,43	3,32
25	2,84	3,02	3,21	3,39	3,56	3,71	3,83	3,90	3,94	3,91	3,89	3,83	3,76
30	2,81	3,00	3,21	3,42	3,62	3,80	3,97	4,10	4,19	4,23	4,23	4,21	4,18
35	2,76	2,97	3,19	3,43	3,66	3,88	4,09	4,27	4,42	4,52	4,55	4,57	4,58
40	2,69	2,91	3,16	3,42	3,68	3,94	4,19	4,42	4,63	4,80	4,85	4,92	4,96
45		2,84	3,11	3,39	3,68	3,98	4,28	4,56	4,82	5,05	5,13	5,24	5,32
50		2,75	3,03	3,34	3,67	4,01	4,35	4,68	4,99	5,29	5,40	5,55	
55			2,94	3,28	3,64	4,01	4,39	4,78	5,15	5,51			
	Mass Flow g/s												
	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12,5
20	9,30	12,80	17,20	22,60	29,00	36,70	45,90	56,70	69,40	84,50	91,00	101,50	111,50
25	8,20	11,90	16,30	21,60	28,00	35,70	44,70	55,40	68,00	82,50	89,50	100,00	110,00
30	7,10	10,80	15,30	20,60	26,90	34,40	43,40	53,90	66,30	81,00	87,50	98,00	108,00
35	5,80	9,60	14,10	19,40	25,60	33,10	41,90	52,20	64,50	79,00	85,50	96,00	106,00
40	4,30	8,20	12,70	18,00	24,20	31,50	40,10	50,40	62,50	77,00	83,00	94,00	103,50
45		6,70	11,20	16,50	22,60	29,70	38,20	48,30	60,20	74,40	81,00	91,50	101,00
50		5,00	9,60	14,80	20,80	27,80	36,20	46,00	57,80	71,80	78,00	88,50	
55			7,80	12,90	18,80	25,70	33,90	43,60	55,20	69,10			

50Hz

DLE-20X

R404A Dew Point

DWM Copeland - Compressor - - S-Series**COMPRESSOR MECHANICAL AND PHYSICAL DATA**

Number of cylinders	2
Displacement @ 50 Hz, cu.m/h	9.86
Bore/Stroke, mm	44.5/36.5
Length/Width, mm	470/330
Height, mm	385
Net Weight, kg	78
Gross Weight, kg	84
Suction, inch	7/8
Discharge, inch	5/8
Oil Quantity, l	2
Frequency Range, Hz	25 - 60
Base mounting (hole dia), mm	295 x 279 (14.0)
Sound Pressure @ 1m, dBA	51
Sound Power, dBA	62
High Side PS, bar(g)	32.5
Low Side PS, bar(g)	22.5

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

Maximum Operating Current, A	5.7
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	70 W Vertical Air Flow Fan
Additional Cooling	25 W Horizontal Air Flow Fan
Crankcase Heater	70 W Internal
Adapter Kit	For Parallel Operation
Oil Control System	ALCO Trax-Oil OM3
Inverter	Emerson Industrial Automation, Unidrive M200 03 400 073

MOTOR OPTIONS

Power Supply	Nominal Voltage	Motor Code	Start Connection	DOL Connection	Amps Factor
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	2,10
380-420 V/3~/60H	380	EWK		Y	1,20
440-480 V/3~/60H	460	EWD	Y/DELTA	DELTA	1,00