

Type: Semi-hermetic piston compressors

Producer: Copeland

Series: DL

Model: DLL-40 X

Technical data

Nominal motor power [kW]:	
Cylinder count:	2
Displacement [m ³ /h]:	18,2
Cylinder capacity [cm ³]:	
RPM [min ⁻¹]:	1450
Weight [kg]:	93
Oil charge [dm ³]:	2,3
Power supply [V/~/Hz]:	

Connections

	<u>milimeters</u>	<u>inches</u>
Suction line:	28	1 1/8"
Discharge line:	15	5/8"

R404A/R507

Cooling capacity [W]

$t_c \setminus t_e$	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7
20	2 310	3 210	4 320	5 680	7 310	9 240	11 490	14 110	17 100	20 510	24 340	26 000
25	2 030	2 880	3 930	5 210	6 750	8 570	10 710	13 190	16 030	19 270	22 940	24 520
30	1 740	2 550	3 540	4 740	6 190	7 900	9 920	12 260	14 950	18 030	21 510	23 020
35	1 460	2 220	3 150	4 270	5 620	7 230	9 120	11 320	13 860	16 770	20 080	21 510
40	1 190	1 890	2 750	3 800	5 050	6 550	8 310	10 370	12 760	15 500	18 620	19 990
45	910	1 570	2 360	3 320	4 480	5 860	7 500	9 420	11 650	14 220	17 160	18 450
50	-	1 240	1 970	2 840	3 900	5 170	6 680	8 460	10 530	12 930	15 690	16 890
55	-	920	1 570	2 370	3 330	4 480	5 860	7 490	9 400	-	-	-

Power input [kW]

$t_c \setminus t_e$	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7
20	1.64	1.88	2.14	2.39	2.63	2.87	3.08	3.27	3.43	3.56	3.64	3.66
25	1.60	1.86	2.13	2.41	2.67	2.93	3.17	3.38	3.57	3.72	3.83	3.86
30	1.56	1.85	2.15	2.45	2.75	3.04	3.31	3.56	3.77	3.96	4.10	4.15
35	1.50	1.83	2.17	2.51	2.84	3.17	3.48	3.77	4.03	4.26	4.45	4.51
40	1.40	1.77	2.16	2.55	2.93	3.31	3.67	4.01	4.32	4.60	4.84	4.92
45	1.24	1.67	2.11	2.55	2.99	3.42	3.84	4.24	4.61	4.95	5.25	5.36
50	-	1.49	1.99	2.49	3.00	3.50	3.98	4.45	4.89	5.30	5.67	5.81
55	-	1.21	1.78	2.36	2.94	3.51	4.07	4.62	5.13	-	-	-

Operating conditions: suction gas temperature 25°C + additional cooling

t_c - Condensing temperature [°C]

t_e - Evaporating temperature [°C]



