

Type: Semi-hermetic piston compressors

Producer: Copeland

Series: DL

Model: DLL-401

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"

R22

Cooling capacity [W]

$t_c \setminus t_e$	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5
30	2 270	3 130	4 230	5 600	7 220	9 110	11 280	13 730	16 460	19 490	20 780	22 810	24 590
35	2 030	2 840	3 880	5 170	6 710	8 500	10 550	12 870	15 460	18 340	19 560	21 490	23 180
40	1 800	2 560	3 550	4 760	6 210	7 900	9 840	12 040	14 490	17 210	18 380	20 210	21 810
45	-	2 300	3 230	4 370	5 730	7 330	9 160	11 230	13 550	16 120	17 220	18 950	20 470
50	-	2 060	2 930	4 000	5 280	6 780	8 500	10 450	12 630	15 060	16 090	17 730	19 160
55	-	1 830	2 640	3 650	4 850	6 250	7 870	9 700	11 750	14 030	-	-	-
60	-	-	2 380	3 320	4 440	5 750	7 260	8 970	10 890	-	-	-	-
62	-	-	2 280	3 190	4 280	5 560	7 020	8 690	-	-	-	-	-

Power input [kW]

$t_c \setminus t_e$	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7	10	12.5
30	1.71	1.98	2.26	2.54	2.80	3.04	3.24	3.39	3.49	3.51	3.49	3.44	3.37
35	1.71	2.00	2.31	2.62	2.92	3.20	3.45	3.66	3.81	3.90	3.91	3.90	3.87
40	1.71	2.02	2.35	2.69	3.03	3.35	3.65	3.91	4.12	4.27	4.31	4.34	4.35
45	-	2.03	2.39	2.76	3.13	3.49	3.84	4.14	4.41	4.62	4.68	4.76	4.80
50	-	2.04	2.42	2.82	3.22	3.62	4.01	4.37	4.69	4.96	5.05	5.16	5.24
55	-	2.05	2.45	2.87	3.31	3.74	4.17	4.58	4.95	5.28	-	-	-
60	-	-	2.48	2.92	3.39	3.86	4.33	4.78	5.21	-	-	-	-
62	-	-	2.49	2.95	3.42	3.91	4.39	4.86	-	-	-	-	-

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

t_c - Condensing temperature [°C]

t_e - Evaporating temperature [°C]



