

Type: Semi-hermetic piston compressors

Producer: Copeland

Series: DL

Model: DLHA-500

Technical data

Nominal motor power [kW]:	
Cylinder count:	2
Displacement [m ³ /h]:	26,6
Cylinder capacity [cm ³]:	
RPM [min ⁻¹]:	1450
Weight [kg]:	101
Oil charge [dm ³]:	1,6
Power supply [V/~/Hz]:	

Connections

	<u>milimeters</u>	<u>inches</u>
Suction line:	28	1 1/8"
Discharge line:	22	7/8"

R22

Cooling capacity [W]

t_c \ t_e	-45	-40	-35	-30	-25	-20	-15	-10	-5
25	2 520	3 670	5 050	6 680	8 610	10 870	13 500	16 530	19 980
30	2 210	3 320	4 630	6 200	8 050	10 210	12 730	15 640	18 970
35	1 910	2 970	4 230	5 720	7 490	9 560	11 970	14 760	17 960
40	1 630	2 640	3 840	5 260	6 940	8 920	11 220	13 890	16 970
45	1 370	2 320	3 460	4 810	6 410	8 290	10 490	13 040	-
50	1 120	2 030	3 110	4 380	5 890	7 680	9 770	-	-
55	-	1 750	2 770	3 970	5 400	7 080	-	-	-

Power input [kW]

t_c \ t_e	-45	-40	-35	-30	-25	-20	-15	-10	-5
25	2.39	2.77	3.16	3.53	3.87	4.18	4.45	4.67	4.82
30	2.39	2.81	3.23	3.65	4.05	4.43	4.77	5.06	5.30
35	2.38	2.83	3.29	3.76	4.21	4.65	5.06	5.43	5.75
40	2.35	2.83	3.33	3.84	4.35	4.85	5.33	5.77	6.18
45	2.32	2.83	3.36	3.91	4.48	5.03	5.58	6.09	-
50	2.28	2.81	3.38	3.98	4.59	5.20	5.81	-	-
55	-	2.79	3.39	4.03	4.69	5.35	-	-	-

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

t_c - Condensing temperature [°C]

t_e - Evaporating temperature [°C]



