

Type: Semi-hermetic piston compressors

Producer: Copeland

Series: DL

Model: DLSG-401

Technical data

Nominal motor power [kW]:	
Cylinder count:	2
Displacement [m ³ /h]:	22,5
Cylinder capacity [cm ³]:	
RPM [min ⁻¹]:	1450
Weight [kg]:	88
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 \ t_e	-50	-45	-40	-35	-30	-25	-20
25	1 510	2 260	3 270	4 520	5 990	7 680	9 580
30	1 360	2 060	3 010	4 190	5 590	7 210	9 020
35	1 210	1 860	2 750	3 870	5 200	6 740	8 470
40	1 060	1 660	2 500	3 550	4 820	6 280	7 920
45	-	-	2 260	3 250	4 440	5 830	7 390
50	-	-	2 020	2 950	4 070	5 380	6 850
55	-	-	1 790	2 650	3 710	4 930	6 330

Power input [kW]

t_c \ t_e	-50	-45	-40	-35	-30	-25	-20
25	1.55	1.87	2.22	2.58	2.91	3.21	3.44
30	1.53	1.87	2.25	2.64	3.02	3.36	3.65
35	1.49	1.86	2.27	2.69	3.11	3.50	3.84
40	1.44	1.83	2.27	2.73	3.19	3.62	4.01
45	-	-	2.26	2.75	3.25	3.72	4.16
50	-	-	2.25	2.77	3.29	3.81	4.29
55	-	-	2.22	2.76	3.33	3.88	4.41

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

t_c - Condensing temperature [°C]t_e - Evaporating temperature [°C]



