

Type: Semi-hermetic piston compressors

Producer: Copeland

Series: DK

Model: DKL-150

Technical data

Nominal motor power [kW]:	
Cylinder count:	2
Displacement [m ³ /h]:	7,38
Cylinder capacity [cm ³]:	
RPM [min ⁻¹]:	1450
Weight [kg]:	41
Oil charge [dm ³]:	0,6
Power supply [V/~/Hz]:	

Connections

	<u>milimeters</u>	<u>inches</u>
Suction line:	15	5/8"
Discharge line:	12	1/2"

R22

Cooling capacity [W]

t_c \ t_e	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5
25	500	740	1 020	1 380	1 800	2 320	2 930	3 640	4 480	5 430
30	440	660	940	1 270	1 680	2 170	2 750	3 430	4 220	5 140
35	380	590	850	1 160	1 550	2 010	2 570	3 220	3 980	4 850
40	310	520	760	1 060	1 430	1 870	2 390	3 010	3 730	4 570
45	-	440	670	960	1 300	1 720	2 210	2 800	3 490	-
50	-	370	590	860	1 180	1 570	2 040	2 600	-	-
55	-	-	500	760	1 060	1 430	1 870	2 400	-	-

Power input [kW]

t_c \ t_e	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5
25	0.55	0.66	0.75	0.84	0.93	1.01	1.09	1.17	1.26	1.34
30	0.54	0.66	0.77	0.88	0.98	1.07	1.17	1.26	1.35	1.45
35	0.52	0.66	0.78	0.90	1.02	1.13	1.24	1.34	1.45	1.55
40	0.49	0.64	0.79	0.92	1.05	1.17	1.29	1.41	1.53	1.65
45	-	0.62	0.78	0.93	1.07	1.21	1.35	1.48	1.61	-
50	-	0.59	0.77	0.93	1.09	1.24	1.39	1.54	-	-
55	-	-	0.74	0.93	1.10	1.27	1.43	1.59	-	-

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

t_c - Condensing temperature [°C]

t_e - Evaporating temperature [°C]



