

Model: D6DJ-4000

Data

Type: Semi-hermetic piston compressors

Producer: Copeland

Series: DISCUS

Model: D6DJ-4000

Technical data

Nominal motor power [kW]:	
Cylinder count:	6
Displacement [m ³ /h]:	127
Cylinder capacity [cm ³]:	
RPM [min ⁻¹]:	1450
Weight [kg]:	277
Oil charge [dm ³]:	7,4
Power supply [V/~/Hz]:	

Connections

	<u>millimeters</u>	<u>inches</u>
Suction line:	54	2 1/8"
Discharge line:	35	1 3/8"

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Capacity

R22

Cooling capacity [W]

$t_c \setminus t_e$	-25	-20	-15	-10	-5	0	5	7	10	12.5
30	40 570	51 220	63 660	78 130	94 870	114 160	136 320	146 070	161 730	175 790
35	37 850	48 020	59 910	73 720	89 690	108 090	129 220	138 510	153 420	166 810
40	35 100	44 790	56 100	69 250	84 450	101 940	122 010	130 840	145 000	157 700
45	-	41 520	52 250	64 710	79 110	95 680	114 680	123 020	136 410	148 410
50	-	38 250	48 390	60 160	73 750	89 380	107 290	115 150	127 760	139 060
55	-	-	44 530	55 590	68 370	83 040	99 840	107 210	119 030	129 600
60	-	-	40 650	51 000	62 930	76 630	92 300	99 170	110 170	120 010
62	-	-	-	49 170	60 760	74 070	89 280	95 940	106 620	116 160

Power input [kW]

$t_c \setminus t_e$	-25	-20	-15	-10	-5	0	5	7	10	12.5
30	16.66	18.42	20.04	21.47	22.64	23.49	23.93	23.97	23.88	23.65
35	17.61	19.59	21.47	23.19	24.69	25.89	26.73	26.95	27.13	27.14
40	18.48	20.69	22.82	24.81	26.62	28.17	29.40	29.78	30.23	30.47
45	-	21.71	24.07	26.34	28.44	30.33	31.93	32.48	33.17	33.64
50	-	22.64	25.24	27.76	30.15	32.36	34.32	35.02	35.96	36.64
55	-	-	26.32	29.08	31.75	34.26	36.56	37.41	38.59	39.47
60	-	-	27.30	30.30	33.23	36.03	38.66	39.64	41.04	42.12
62	-	-	-	30.76	33.78	36.70	39.45	40.49	41.98	43.13

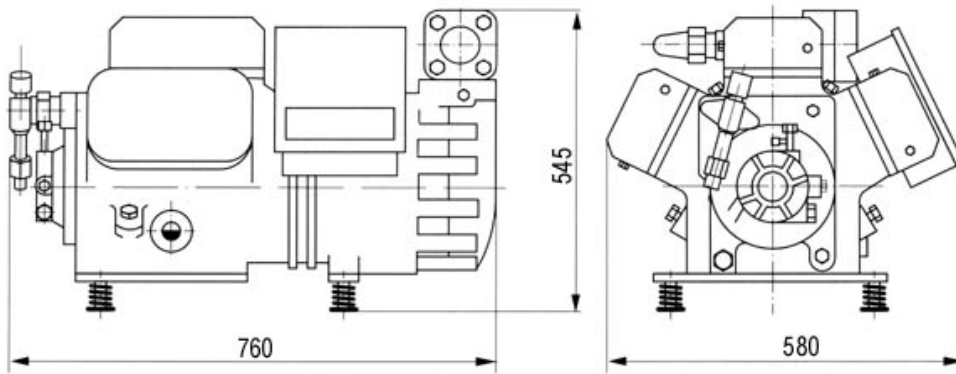
Operating conditions: suction gas temperature 25°C + additional cooling

t_c - Condensing temperature [°C]

t_e - Evaporating temperature [°C]

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Dimensions



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Image

