

# 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 <sup>3</sup> /h]:	127
Cylinder capacity [cm <sup>3</sup> ]:	
RPM [min <sup>-1</sup> ]:	1450
Weight [kg]:	277
Oil charge [dm <sup>3</sup> ]:	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"

# Model: D6DJ-4000

## Capacity

R22

### Cooling capacity [W]

$t_c \setminus t_e$	-25	-20	-15	-10	-5	0	5	7	10	12.5
<b>30</b>	40 570	51 220	63 660	78 130	94 870	114 160	136 320	146 070	161 730	175 790
<b>35</b>	37 850	48 020	59 910	73 720	89 690	108 090	129 220	138 510	153 420	166 810
<b>40</b>	35 100	44 790	56 100	69 250	84 450	101 940	122 010	130 840	145 000	157 700
<b>45</b>	-	41 520	52 250	64 710	79 110	95 680	114 680	123 020	136 410	148 410
<b>50</b>	-	38 250	48 390	60 160	73 750	89 380	107 290	115 150	127 760	139 060
<b>55</b>	-	-	44 530	55 590	68 370	83 040	99 840	107 210	119 030	129 600
<b>60</b>	-	-	40 650	51 000	62 930	76 630	92 300	99 170	110 170	120 010
<b>62</b>	-	-	-	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
<b>30</b>	16.66	18.42	20.04	21.47	22.64	23.49	23.93	23.97	23.88	23.65
<b>35</b>	17.61	19.59	21.47	23.19	24.69	25.89	26.73	26.95	27.13	27.14
<b>40</b>	18.48	20.69	22.82	24.81	26.62	28.17	29.40	29.78	30.23	30.47
<b>45</b>	-	21.71	24.07	26.34	28.44	30.33	31.93	32.48	33.17	33.64
<b>50</b>	-	22.64	25.24	27.76	30.15	32.36	34.32	35.02	35.96	36.64
<b>55</b>	-	-	26.32	29.08	31.75	34.26	36.56	37.41	38.59	39.47
<b>60</b>	-	-	27.30	30.30	33.23	36.03	38.66	39.64	41.04	42.12
<b>62</b>	-	-	-	30.76	33.78	36.70	39.45	40.49	41.98	43.13

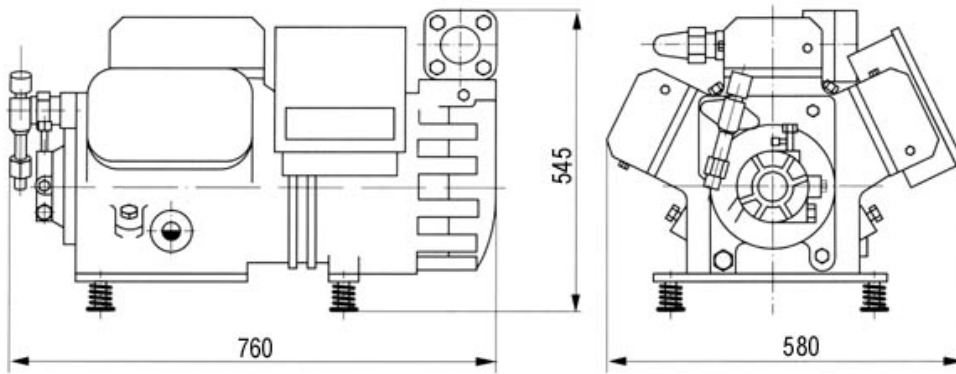
Operating conditions: suction gas temperature 25°C + additional cooling

$t_c$  - Condensing temperature [°C]

$t_e$  - Evaporating temperature [°C]

# Model: D6DJ-4000

## Dimensions



**Model: D6DJ-4000**

**Image**

---

