

Type: Semi-hermetic piston two stage compressors

Producer: Copeland

Series: D9T

Model: D9TL-0760

Technical data

	<u>stage I</u>	<u>stage II</u>
Cylinder count:	2	1
Displacement [m ³ /h]:	25,3	12,7
Weight gross [kg]:		3,6
Oil charge [dm ³]:		1 3/8"

Electrical data

Power supply [V/~/Hz]:	7/8"
Locked rotor current [A]:	78
Max. operating current [A]:	16,8
Nominal motor power [kW]:	7,5

Connections

	<u>milimeters</u>	<u>inches</u>
Króciec ssawny:		1 3/8"
Discharge line:	380-420V/3/50Hz	

R22

Cooling capacity [kW]

$t_c \setminus t_e$	-40	-35	-30
30	4.04	5.15	6.49
35	3.87	4.94	6.21
40	3.71	4.72	5.94
45	3.55	4.52	5.68
50	3.41	4.33	5.43
55	3.29	4.15	5.19

Power input [kW]

$t_c \setminus t_e$	-40	-35	-30
30	3.52	3.88	4.25
35	3.67	4.07	4.48
40	3.84	4.26	4.72
45	4.01	4.47	4.96
50	4.20	4.69	5.21
55	4.41	4.92	5.49

Current [A]

$t_c \setminus t_e$	-40	-35	-30
30	9.83	10.39	10.98
35	10.07	10.69	11.34
40	10.33	10.99	11.72
45	10.60	11.32	12.11
50	10.90	11.67	12.52
55	11.22	12.05	12.96

Mass flow [kg/s]

$t_c \setminus t_e$	-40	-35	-30
30	76.58	97.93	123.58
35	75.92	97.07	122.48
40	75.42	96.36	121.51
45	75.18	95.88	120.74
50	75.25	95.70	120.26
55	75.73	95.90	120.13

C.O.P. [W/W]

$t_c \setminus t_e$	-40	-35	-30
30	1.15	1.33	1.53
35	1.05	1.21	1.39
40	0.97	1.11	1.26
45	0.89	1.01	1.15
50	0.81	0.92	1.04
55	0.75	0.84	0.95

Application range

Error: Cannot load image. Report this error please

	Maximum evaporating temperature
	25°C suction gas temperature

Operating conditions: ISO; subcooling: 0 K, return gas temperature: 20 °C

t_c - Condensing temperature [°C]

t_e - Evaporating temperature [°C]

Error: Cannot load image. Report this error please

L	655 mm
B	385 mm
H	540 mm