

# Model: DLL-301

## Data

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Type: Semi-hermetic piston compressors

Producer: Copeland

Series: DL

## Model: DLL-301

### Technical data

Nominal motor power [kW]:	
Cylinder count:	2
Displacement [m <sup>3</sup> /h]:	18,2
Cylinder capacity [cm <sup>3</sup> ]:	
RPM [min <sup>-1</sup> ]:	1450
Weight [kg]:	91
Oil charge [dm <sup>3</sup> ]:	2,3
Power supply [V/~/Hz]:	

### Connections

	<u>milimeters</u>	<u>inches</u>
Suction line:	28	1 1/8"
Discharge line:	15	5/8"

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## Capacity

R22

### Cooling capacity [W]

$t_c \setminus t_e$	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5
<b>25</b>	1 090	1 680	2 440	3 390	4 560	5 960	7 630	9 580	11 840	14 420
<b>30</b>	930	1 490	2 210	3 110	4 220	5 560	7 140	9 000	11 160	13 640
<b>35</b>	-	1 300	1 980	2 840	3 890	5 150	6 660	8 440	10 500	12 880
<b>40</b>	-	1 120	1 760	2 570	3 560	4 760	6 200	7 880	-	-
<b>45</b>	-	-	-	2 310	3 240	4 380	5 740	-	-	-
<b>50</b>	-	-	-	2 050	2 930	4 010	5 290	-	-	-
<b>55</b>	-	-	-	1 800	2 630	3 640	4 860	-	-	-

### Power input [kW]

$t_c \setminus t_e$	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5
<b>25</b>	1.20	1.42	1.67	1.92	2.17	2.42	2.64	2.84	3.01	3.12
<b>30</b>	1.18	1.42	1.68	1.96	2.24	2.52	2.80	3.05	3.26	3.44
<b>35</b>	-	1.41	1.69	1.99	2.30	2.62	2.94	3.23	3.51	3.75
<b>40</b>	-	1.39	1.68	2.01	2.35	2.71	3.07	3.41	-	-
<b>45</b>	-	-	-	2.02	2.40	2.79	3.18	-	-	-
<b>50</b>	-	-	-	2.03	2.43	2.86	3.29	-	-	-
<b>55</b>	-	-	-	2.03	2.46	2.91	3.39	-	-	-

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

$t_c$  - Condensing temperature [°C]

$t_e$  - Evaporating temperature [°C]

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## Dimensions

