

# Model: MT 28 JE

## Data

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**Type:** Hermetic piston compressors

**Producer:** Maneurop

**Series:** MT

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### Technical data

Nominal motor power [kW]:	3,17
Cylinder count:	1
Displacement [m <sup>3</sup> /h]:	8,36
Cylinder capacity [cm <sup>3</sup> ]:	48,06
RPM [min <sup>-1</sup> ]:	2900
Weight [kg]:	23
Oil charge [dm <sup>3</sup> ]:	0,95

### Connections

	<u>milimeters</u>	<u>inches</u>
Króciec ssawny:		1/2"
Discharge line:		3/8"

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## Capacity

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R22

### Cooling capacity [W]

$t_c \setminus t_e$	15	10	5	0	-5	-10	-15	-20	-25
30	12 710	10 790	9 060	7 520	6 150	4 940	3 880	2 950	2 150
40	11 610	9 810	8 190	6 750	5 460	4 320	3 330	2 450	1 690
50	10 390	8 720	7 220	5 890	4 700	3 660	2 730	-	-
60	9 030	7 510	6 160	4 950	3 880	-	-	-	-

### Power input [kW]

$t_c \setminus t_e$	15	10	5	0	-5	-10	-15	-20	-25
30	1.57	1.70	1.76	1.76	1.71	1.62	1.50	1.35	1.18
40	2.01	2.06	2.05	1.99	1.89	1.75	1.59	1.41	1.22
50	2.48	2.44	2.36	2.23	2.06	1.87	1.65	-	-
60	2.97	2.84	2.66	2.45	2.21	-	-	-	-

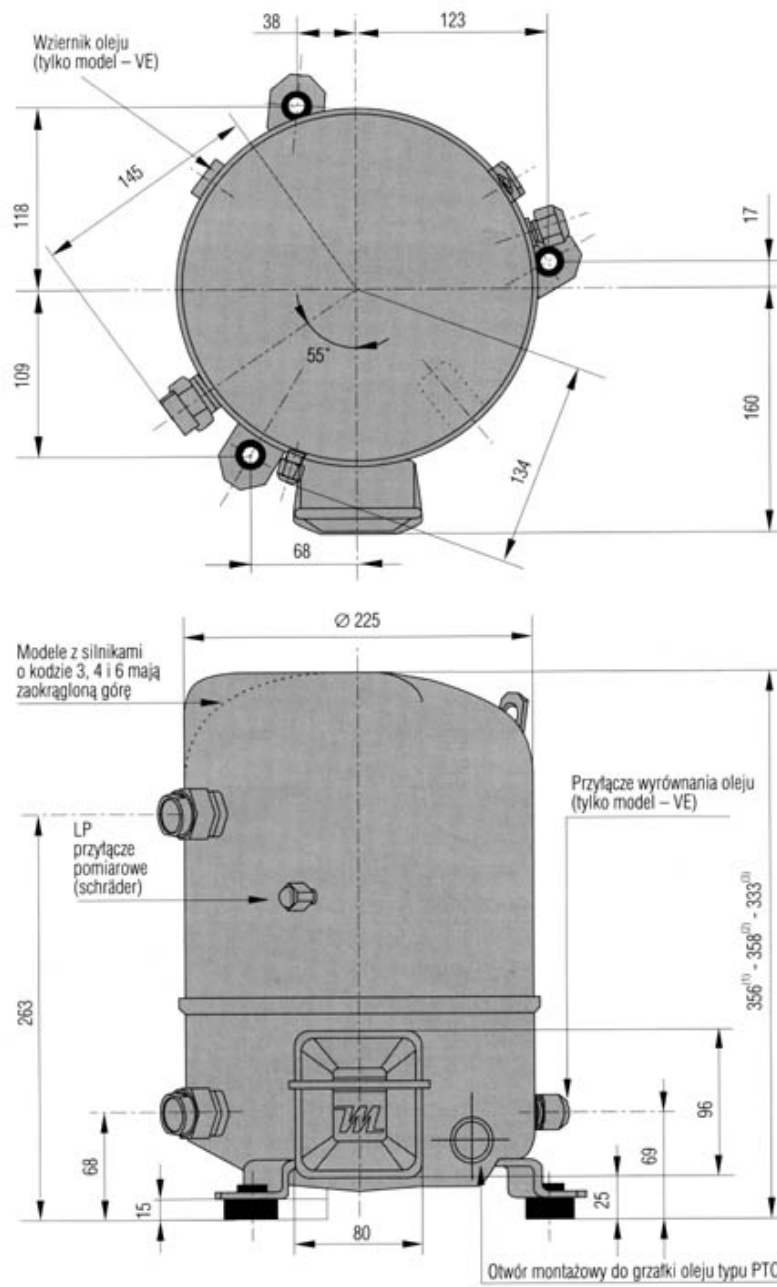
Operating conditions: 11.1K suction superheat, 8.3K subcooling

$t_c$  - Condensing temperature [°C]

$t_e$  - Evaporating temperature [°C]

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## Dimensions



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Image

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