

Model: MT 250 HUU

Data

Type: Hermetic piston compressors

Producer: Maneurop

Series: MT

Model: MT 250 HUU

Technical data

Nominal motor power [kW]:	28,32
Cylinder count:	8
Displacement [m ³ /h]:	74,98
Cylinder capacity [cm ³]:	430,88
RPM [min ⁻¹]:	2900
Weight [kg]:	175
Oil charge [dm ³]:	10,4

Connections

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

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Capacity

R22

Cooling capacity [W]

$t_c \setminus t_e$	15	10	5	0	-5	-10	-15	-20	-25
30	112 900	94 350	78 070	63 890	51 640	41 160	32 280	24 840	18 680
40	101 050	84 030	69 130	56 190	45 030	35 490	27 420	20 630	14 980
50	88 380	73 090	59 760	48 250	38 370	29 980	22 890	16 950	-
60	75 090	61 700	50 150	40 250	31 860	24 790	-	-	-

Power input [kW]

$t_c \setminus t_e$	15	10	5	0	-5	-10	-15	-20	-25
30	14.73	14.91	14.76	14.34	13.70	12.86	11.88	10.79	9.64
40	18.06	17.79	17.24	16.47	15.50	14.39	13.18	11.90	10.60
50	21.49	20.72	19.71	18.52	17.18	15.74	14.23	12.70	-
60	24.92	23.59	22.07	20.40	18.63	16.79	-	-	-

Operating conditions: 11.1K suction superheat, 8.3K subcooling

t_c - Condensing temperature [°C]

t_e - Evaporating temperature [°C]

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Dimensions

