

Type: Hermetic piston compressors

Producer: Maneurop

Series: MT

Model: MT 40 JH

Technical data

Nominal motor power [kW]:	4,53
Cylinder count:	1
Displacement [m ³ /h]:	11,81
Cylinder capacity [cm ³]:	67,89
RPM [min ⁻¹]:	2900
Weight [kg]:	26
Oil charge [dm ³]:	0,95

Connections

	<u>milimeters</u>	<u>inches</u>
Króciec ssawny:		5/8"
Discharge line:		1/2"

R22
Cooling capacity [W]

$t_c \setminus t_e$	15	10	5	0	-5	-10	-15	-20	-25
30	16 880	14 440	12 230	10 250	8 480	6 900	5 500	4 270	3 190
40	15 700	13 340	11 210	9 290	7 570	6 030	4 680	3 480	2 430
50	14 440	12 160	10 110	8 270	6 610	5 140	3 830	-	-
60	13 100	10 930	8 970	7 210	5 630	-	-	-	-

Power input [kW]

$t_c \setminus t_e$	15	10	5	0	-5	-10	-15	-20	-25
30	2.43	2.54	2.57	2.52	2.41	2.24	2.04	1.80	1.54
40	3.11	3.13	3.07	2.95	2.77	2.54	2.28	2.00	1.71
50	3.80	3.71	3.56	3.34	3.08	2.79	2.47	-	-
60	4.47	4.27	4.01	3.69	3.34	-	-	-	-

Operating conditions: 11.1K suction superheat, 8.3K subcooling

 t_c - Condensing temperature [°C]

 t_e - Evaporating temperature [°C]



