

Model: MT 32 JF

Data

Type: Hermetic piston compressors

Producer: Maneurop

Series: MT

Model: MT 32

Technical data

Nominal motor power [kW]:	3,62
Cylinder count:	1
Displacement [m ³ /h]:	9,37
Cylinder capacity [cm ³]:	53,86
RPM [min ⁻¹]:	2900
Weight [kg]:	24
Oil charge [dm ³]:	0,95

Connections

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

Model: MT 32

Capacity

R22

Cooling capacity [W]

$t_c \setminus t_e$	15	10	5	0	-5	-10	-15	-20	-25
30	14 460	12 150	10 110	8 320	6 750	5 390	4 220	3 220	2 380
40	13 030	10 890	8 990	7 320	5 870	4 610	3 520	2 590	1 800
50	11 560	9 590	7 860	6 340	5 020	3 870	2 890	-	-
60	10 060	8 290	6 740	5 390	4 220	-	-	-	-

Power input [kW]

$t_c \setminus t_e$	15	10	5	0	-5	-10	-15	-20	-25
30	2.07	2.14	2.15	2.10	2.01	1.89	1.74	1.56	1.38
40	2.51	2.50	2.45	2.35	2.21	2.04	1.85	1.65	1.44
50	2.97	2.89	2.76	2.60	2.40	2.18	1.95	-	-
60	3.47	3.30	3.09	2.85	2.59	-	-	-	-

Operating conditions: 11.1K suction superheat, 8.3K subcooling

t_c - Condensing temperature [°C]

t_e - Evaporating temperature [°C]

