

Model: F 7 28 Y

Data

Type: Semi-hermetic piston compressors

Producer: Frascold

Series: F

Model: F 7 28 Y

Technical data

Nominal motor power [kW]:	
Cylinder count:	2
Displacement [m ³ /h]:	27,31
Cylinder capacity [cm ³]:	156,99
RPM [min ⁻¹]:	1450
Weight [kg]:	79
Oil charge [dm ³]:	2,1
Power supply [V/~/Hz]:	220V/3/50Hz \ 400V/3/50Hz

Connections

	<u>milimeters</u>	<u>inches</u>
Suction line:	35	1 3/8"
Discharge line:	28	1 1/8"

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Capacity

R404A/R507

Cooling capacity [W]

t_c \ t_e	7.5	5	0	-5	-10	-15	-20	-25	-30
30	33 330	30 570	25 680	21 430	17 830	14 640	11 910	9 550	7 580
40	28 980	26 570	22 290	18 560	15 380	12 570	10 160	8 070	6 330
45	26 700	24 470	20 510	17 060	14 110	11 500	9 260	7 320	5 690
50	24 180	22 160	18 560	15 410	12 730	10 340	8 290	6 500	5 010

Operating conditions: suction gas temperature 20°C, 0K subcooling

t_c - Condensing temperature [°C]

t_e - Evaporating temperature [°C]