

Type: Semi-hermetic piston compressors
Producer: Frascold
Series: Q

Model: Q 7 33.1 Y

Technical data

Nominal motor power [kW/HP]:	5,5 / 7,5
Cylinder count:	4
Displacement [m ³ /h]:	32,66
RPM [min ⁻¹]:	1450
Weight net [kg]:	79
Weight gross [kg]:	82
Oil charge [dm ³]:	1,8

Electrical data

Power supply [V/~/Hz]:	230V/3/50 Δ	400V/3/50 Y
Locked rotor current [A]:	151,8	87,3
Max. operating current [A]:	34,7	20

Connections

	<u>milimeters</u>	<u>inches</u>
Suction line:	35	1 3/8"
Discharge line:	28,6	1 1/8"

R404A/R507

Cooling capacity [W]

$t_c \setminus t_e$	5	0	-5	-10	-15	-20	-25	-30
30	36 970	30 970	25 710	21 120	17 162	13 770	10 910	8 500
40	31 370	26 250	21 770	17 870	14 500	11 600	9 130	7 030
45	28 540	23 870	19 780	16 230	13 160	10 510	8 240	6 290
50	25 700	21 470	17 780	14 570	11 800	9 410	7 340	5 550

Power input [W]

$t_c \setminus t_e$	5	-10	-20	-30
40	8 840	7 330	6 040	4 790

With head cooling

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

t_c - Condensing temperature [°C]

t_e - Evaporating temperature [°C]