

Type: Semi-hermetic piston tandem compressors

Producer: Frascold

Series: VV

Model: VV 32 93 Y

Technical data

Nominal motor power [kW/HP]:	47 / 64
Cylinder count:	8
Displacement [m ³ /h]:	186,1
Cylinder capacity [cm ³]:	267,59
Cylinder bore [mm]:	78
Cylinder stroke [mm]:	56
RPM [min ⁻¹]:	1450
Weight net [kg]:	384
Weight gross [kg]:	412
Oil charge [dm ³]:	9

Electrical data

	<u>DOL Y Y</u>	<u>PWS Y / Y</u>
Power supply [V/~ / Hz]:	400V/3/50Hz	400V/3/50Hz
Locked rotor current [A]:	205	136
Max. operating current [A]:	57	57

Connections

	<u>milimeters</u>	<u>inches</u>
Suction line:		
Discharge line:		

R404A/R507

Cooling capacity [W]

$t_c \setminus t_e$	7.5	5	0	-5	-10	-15	-20	-25	-30
30	224 500	205 900	172 960	144 360	120 080	98 600	80 220	64 340	51 040
40	195 220	178 960	150 120	125 000	103 620	84 680	68 460	54 400	42 620
45	179 840	164 840	138 160	114 880	95 040	77 460	62 360	49 280	38 320
50	162 800	149 220	125 040	103 820	85 720	69 640	55 820	43 820	33 740

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

t_c - Condensing temperature [°C]

t_e - Evaporating temperature [°C]

R407C

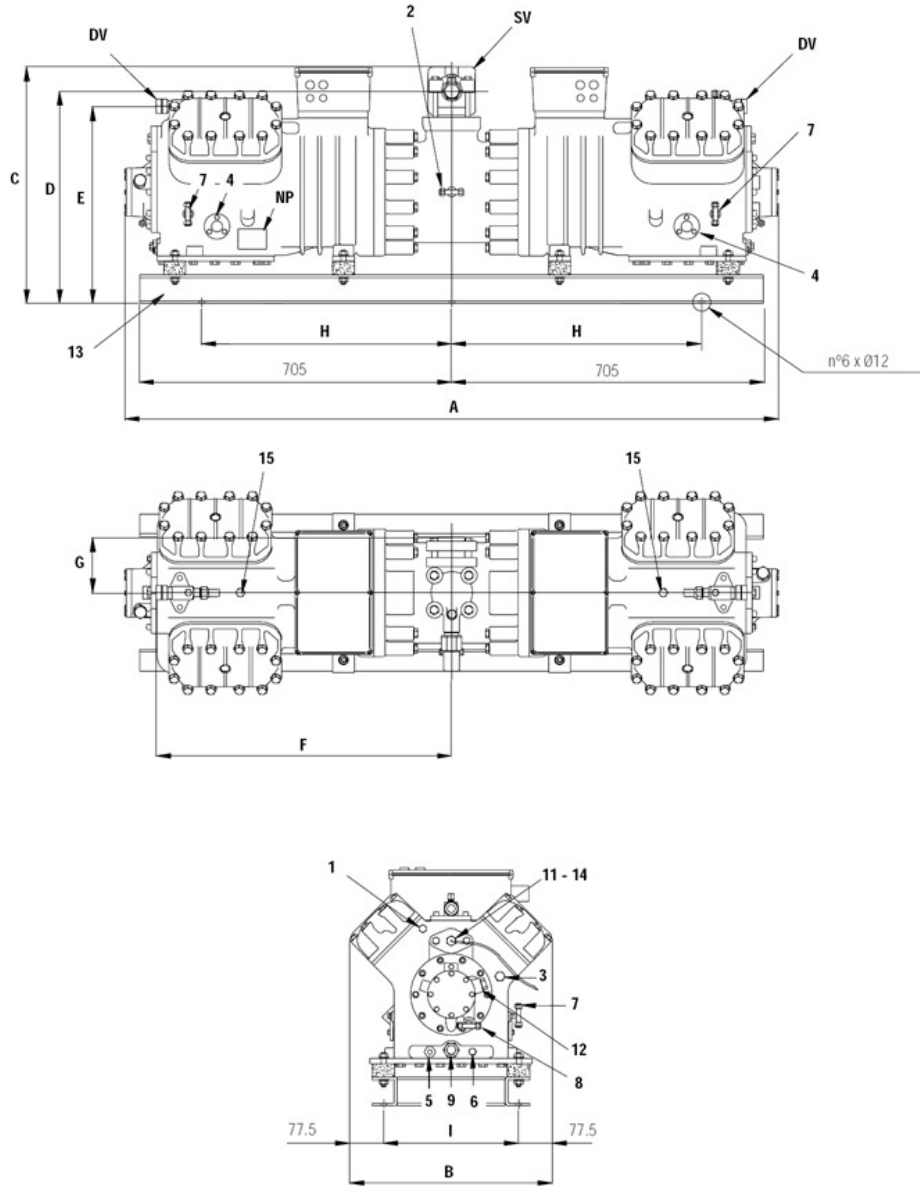
Cooling capacity [W]

$t_c \setminus t_e$	12.5	7.5	5	0	-5	-10	-15	-20	-25
30	260 520	216 600	197 080	162 160	132 200	106 620	84 860	66 420	50 880
40	232 700	192 960	175 300	143 640	116 460	93 220	73 420	56 640	42 480
45	218 120	180 620	163 920	133 980	108 260	86 240	67 500	51 580	38 160
50	203 260	167 860	152 180	124 040	99 820	79 100	61 420	46 420	33 760

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

t_c - Condensing temperature [°C]

t_e - Evaporating temperature [°C]



A mm
B mm
C mm
D mm
E mm
F mm
G mm
H mm
I mm

