

Type: Semi-hermetic piston tandem compressors

Producer: Frascold

Series: VV

Model: VV 15 71 Y

Technical data

Nominal motor power [kW/HP]:	22 / 30
Cylinder count:	8
Displacement [m ³ /h]:	141,54
Cylinder capacity [cm ³]:	203,37
Cylinder bore [mm]:	68
Cylinder stroke [mm]:	56
RPM [min ⁻¹]:	1450
Weight net [kg]:	357
Weight gross [kg]:	385
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]:	118	77,8
Max. operating current [A]:	31	31

Connections

	<u>milimeters</u>	<u>inches</u>
Suction line:	67	2 5/8"
Discharge line:	28,6	1 1/8"

R22

Cooling capacity [W]

$t_c \setminus t_e$	-5	-10	-15	-20	-25	-30	-35	-40	-45
30	102 020	82 800	66 580	53 000	41 700	32 380	24 740	18 540	13 880
40	91 920	73 980	58 940	46 420	36 080	27 640	20 780	15 260	11 260
45	86 860	69 580	55 160	43 200	33 360	25 360	18 900	13 720	10 040
50	81 780	65 200	51 420	40 040	30 700	23 140	17 060	12 260	-

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

t_c - Condensing temperature [°C]

t_e - Evaporating temperature [°C]

R404A/R507

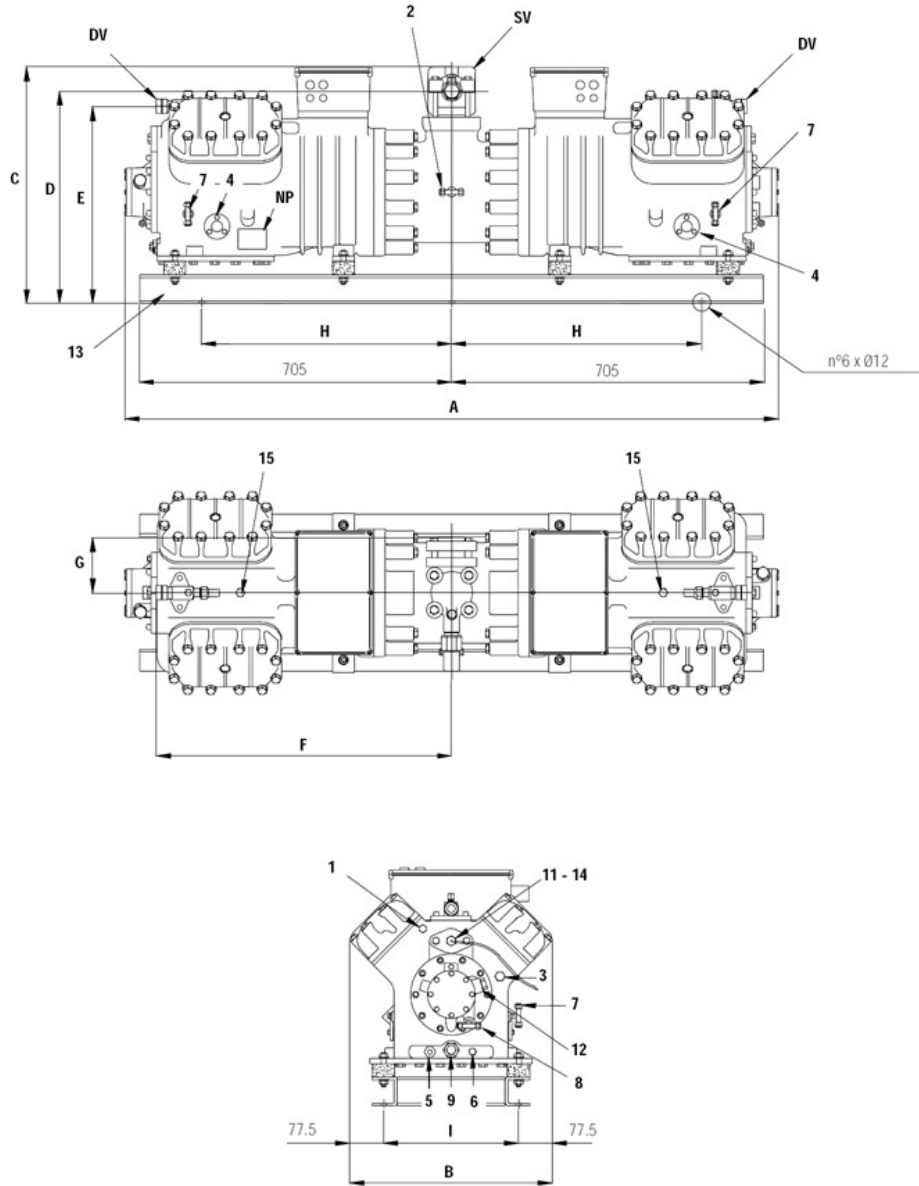
Cooling capacity [W]

$t_c \setminus t_e$	-5	-10	-15	-20	-25	-30	-35	-40	-45
30	111 400	92 620	76 020	61 800	49 500	39 220	30 340	22 960	16 260
40	96 380	79 860	65 200	52 660	41 780	32 680	24 780	18 240	12 280
45	-	73 220	59 600	47 940	37 800	29 320	21 800	15 860	-
50	-	-	53 540	42 840	33 580	25 780	19 040	13 420	-

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

t_c - Condensing temperature [°C]

t_e - Evaporating temperature [°C]



A	1477 mm
B	460 mm
C	535 mm
D	480 mm
E	445 mm
F	667 mm
G	125 mm
H	565 mm
I	305 mm

