

Type: Semi-hermetic twin screw compressors

Producer: Frascold

Series: CXH

Model: CXH91 180-702 Y ECO

Technical data

Nominal motor power [kW/HP]:	133,7 / 180
Displacement [m ³ /h]:	702
Capacity control [%]:	25-50-75-100
RPM [min ⁻¹]:	x
Weight net [kg]:	1475
Weight gross [kg]:	1549
Oil charge [dm ³]:	36

Electrical data

Power supply [V/~/Hz]:	380-420/3/50
Locked rotor current Y [A]:	465
Locked rotor current Δ [A]:	1442
Max. operating current [A]:	315
Max. power input [kW]:	205

Connections

	<u>millimeters</u>	<u>inches</u>
Suction line:	DN80	DN80
Discharge line:	104	4 1/8

R134a

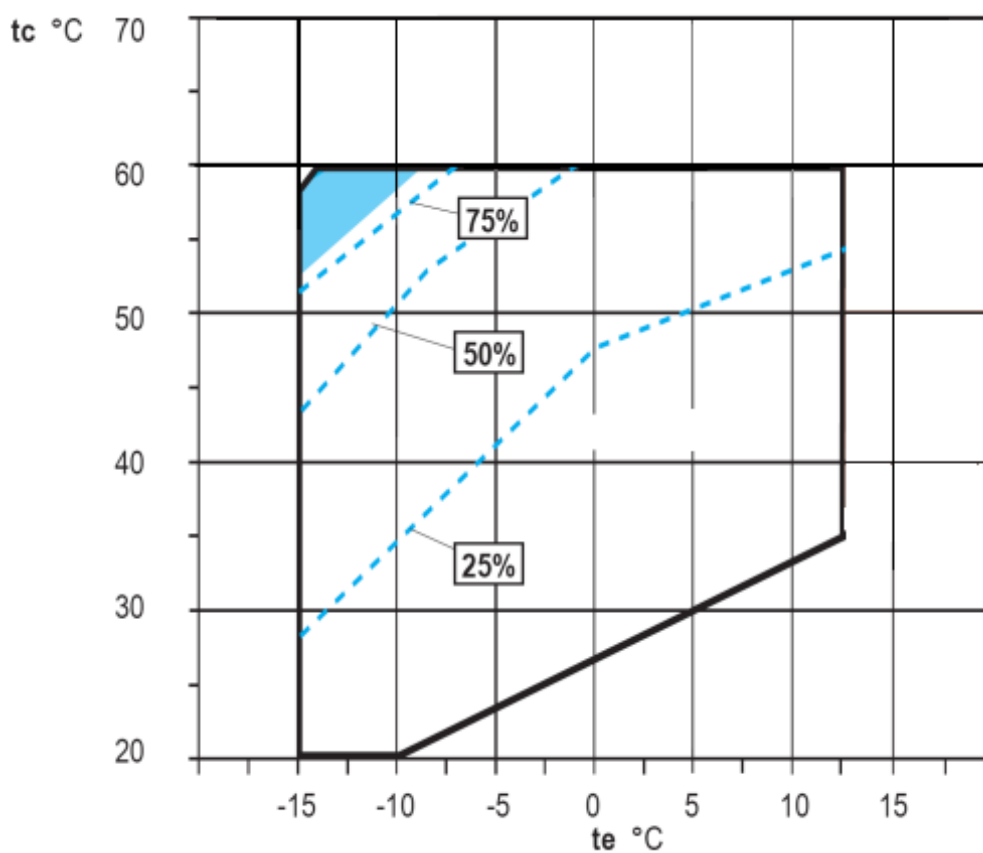
Cooling capacity [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	-	561 190	477 410	402 740	336 350	277 220
40	678 430	627 580	534 390	451 530	378 190	313 230	255 430
50	633 620	584 620	495 320	416 340	346 680	285 100	230 370
55	606 310	558 940	472 500	396 290	329 090	269 650	216 970

Power input [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	-	84.30	83.00	82.00	81.10	80.50
40	105.40	104.80	104.30	104.20	104.20	103.90	102.90
50	131.90	131.80	132.10	132.50	132.40	131.40	128.80
55	148.10	148.30	148.80	149.00	148.60	146.80	143.30

Application limits



With liquid injection or oil cooler

Operating conditions: suction gas overheating 10K, 10K subcooling

t_c - Condensing temperature [°C]

t_e - Evaporating temperature [°C]

