

Type: Semi-hermetic twin screw compressors

Producer: Frascold

Series: CXH

Model: CXH92 280-810 Y

Technical data

Nominal motor power [kW/HP]:	208 / 280
Displacement [m ³ /h]:	810
Capacity control [%]:	25-50-75-100
RPM [min ⁻¹]:	x
Weight net [kg]:	1490
Weight gross [kg]:	1564
Oil charge [dm ³]:	36

Electrical data

Power supply [V/~/Hz]:	380-420/3/50
Locked rotor current Y [A]:	805
Locked rotor current Δ [A]:	2520
Max. operating current [A]:	455
Max. power input [kW]:	280

Connections

	<u>milimeters</u>	<u>inches</u>
Suction line:	104	4 1/8
Discharge line:	DN125	DN125

R407C

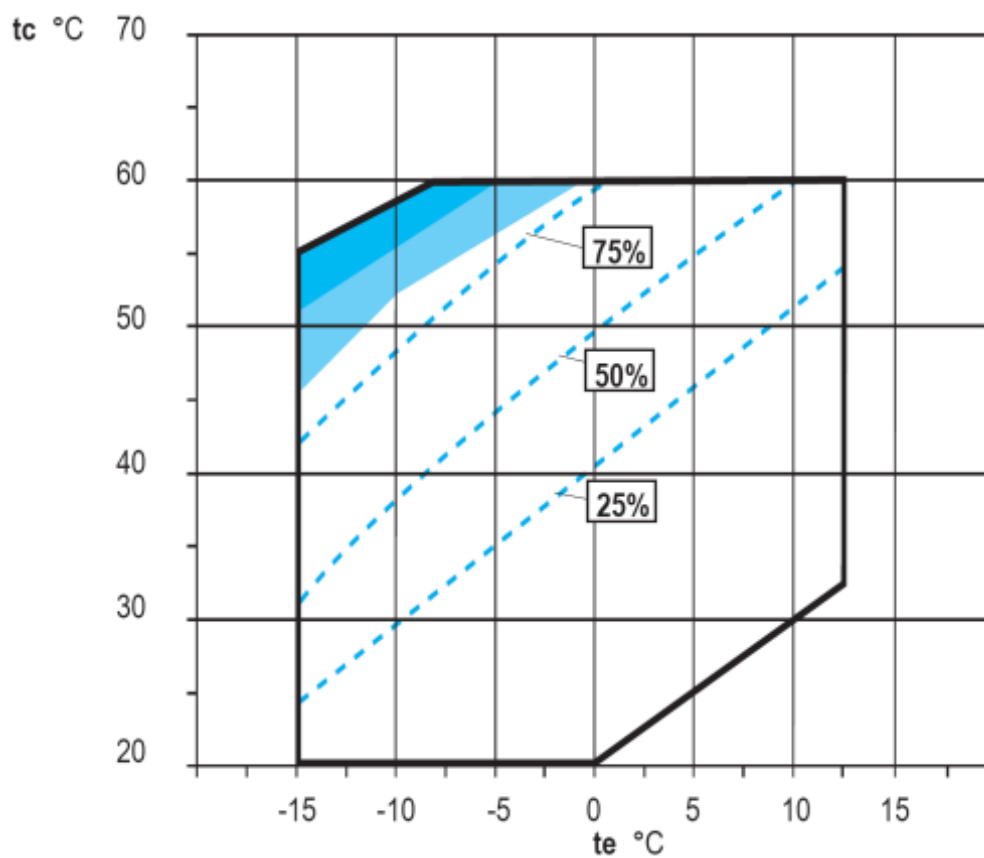
Cooling capacity [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	1 047 670	877 710	730 020	601 940	491 100	395 240
40	1 030 530	942 990	784 930	647 610	528 660	425 620	336 430
50	902 040	822 290	678 400	552 880	443 470	348 030	264 280
55	832 350	756 710	619 800	499 820	394 520	301 430	-

Power input [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	152.10	143.10	135.80	129.90	124.90	120.30
40	183.60	179.00	171.10	164.50	159.20	154.40	149.60
50	217.70	214.50	207.80	200.90	193.90	186.70	179.30
55	239.30	236.70	229.90	221.70	212.20	202.20	-

Application limits



With liquid injection or oil cooler

Operating conditions: suction gas temperature 10K, 0K subcooling

t_c - Condensing temperature [°C]

t_e - Evaporating temperature [°C]

