

Type: Semi-hermetic twin screw compressors

Producer: Frascold

Series: CXH

Model: CXH01 60-230 Y ECO

Technical data

Nominal motor power [kW/HP]:	45 / 60
Displacement [m ³ /h]:	230
Capacity control [%]:	25-50-75-100
RPM [min ⁻¹]:	x
Weight net [kg]:	505
Weight gross [kg]:	561
Oil charge [dm ³]:	18

Electrical data

Power supply [V/~/Hz]:	380-420/3/50
Locked rotor current (P.W.S.) [A]:	98
Locked rotor current (D.O.L.) [A]:	425
Max. operating current [A]:	262
Max. power input [kW]:	65

Connections

	<u>milimeters</u>	<u>inches</u>
Suction line:	54	2 1/8
Discharge line:	DN80	DN80

R134a

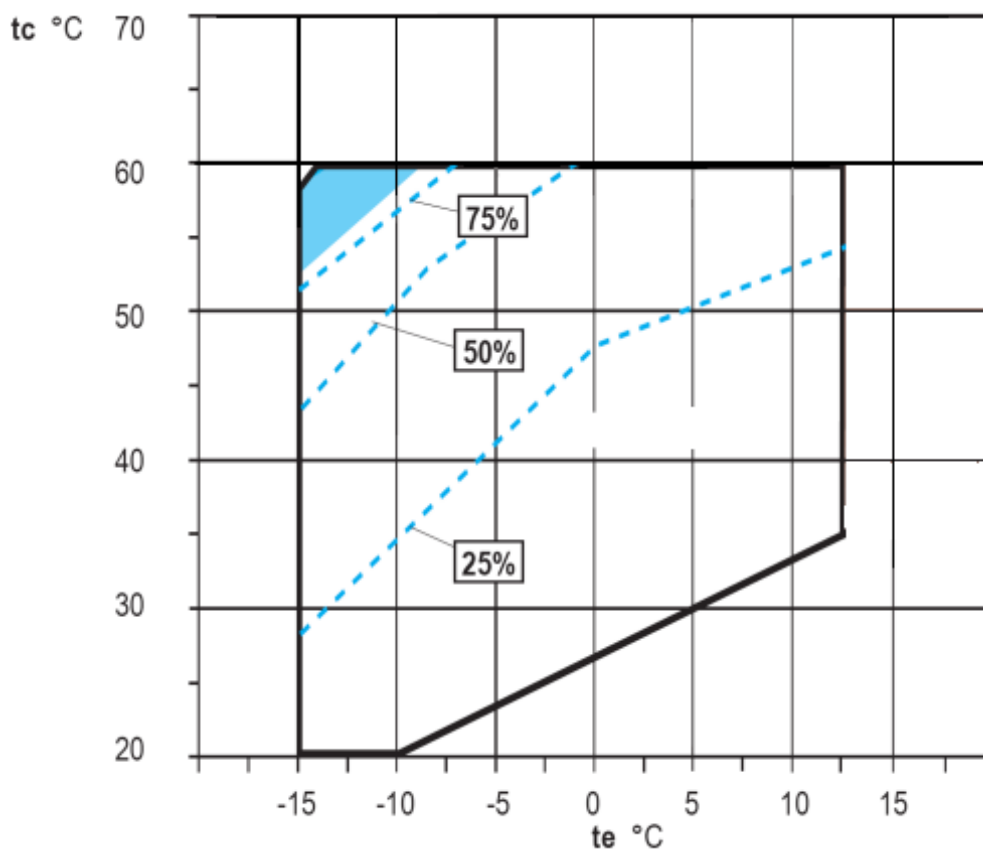
Cooling capacity [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	-	184 990	155 950	130 320	107 690	87 840
40	222 500	205 250	173 730	145 720	12 090	99 110	79 680
50	204 520	188 300	158 530	132 180	108 620	87 640	68 730
55	193 880	178 270	149 540	124 020	101 070	80 510	61 800

Power input [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	-	29.10	28.70	28.50	28.50	28.40
40	36.90	36.70	36.30	36.00	35.70	35.50	35.10
50	46.20	46.20	46.10	45.90	45.50	44.90	44.20
55	52.30	52.40	52.40	52.20	51.70	50.90	49.70

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]

