

Type: Semi-hermetic twin screw compressors

Producer: Frascold

Series: CXH

Model: CXH01 70-264 Y ECO

Technical data

Nominal motor power [kW/HP]:	52 / 70
Displacement [m ³ /h]:	264
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]:	125
Locked rotor current (D.O.L.) [A]:	518
Max. operating current [A]:	298
Max. power input [kW]:	78

Connections

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

R134a

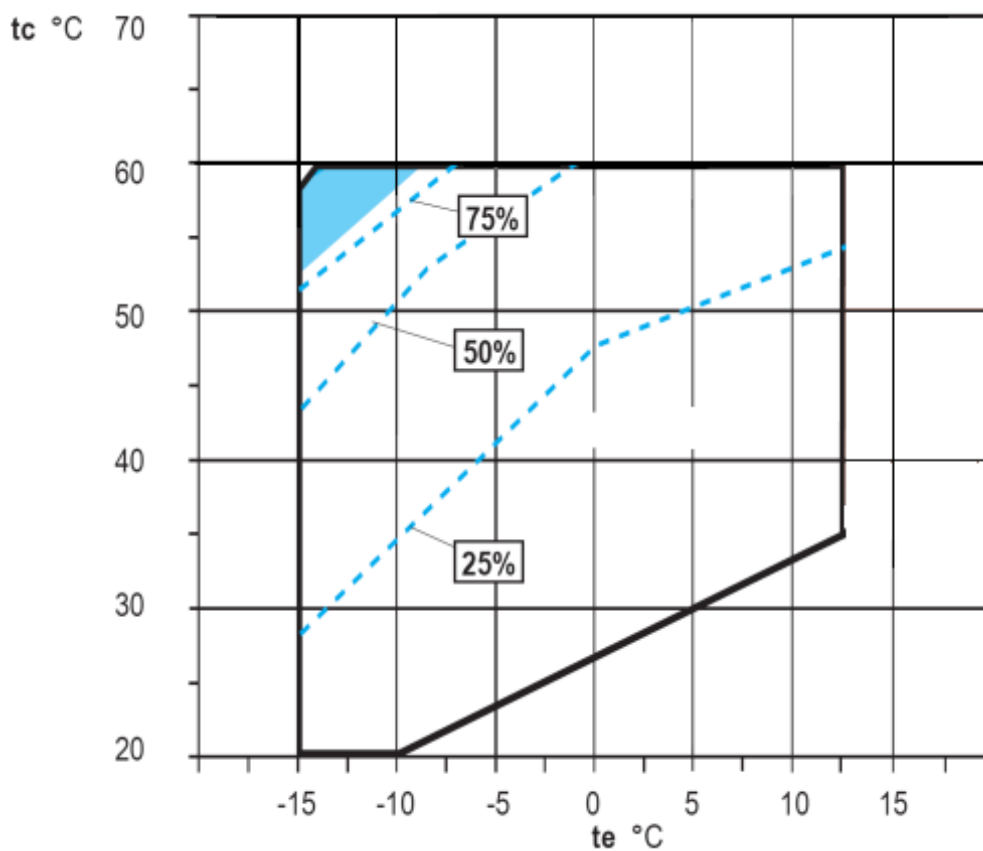
Cooling capacity [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	-	202 780	171 160	143 300	118 870	97 480
40	233 360	225 120	190 890	160 520	133 800	110 210	89 550
50	225 120	207 480	175 340	146 840	121 590	99 250	79 530
55	214 160	197 250	270 730	138 910	114 590	92 990	73 680

Power input [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	-	32.90	31.70	31.00	30.60	30.50
40	42.40	41.50	40.20	39.20	38.40	37.80	37.40
50	51.50	51.00	49.90	49.00	48.30	47.80	47.70
55	57.40	57.00	56.20	55.50	54.80	54.60	54.70

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]

