

Type: Semi-hermetic twin screw compressors

Producer: Frascold

Series: CXH

Model: CXH01 70-264 Y

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

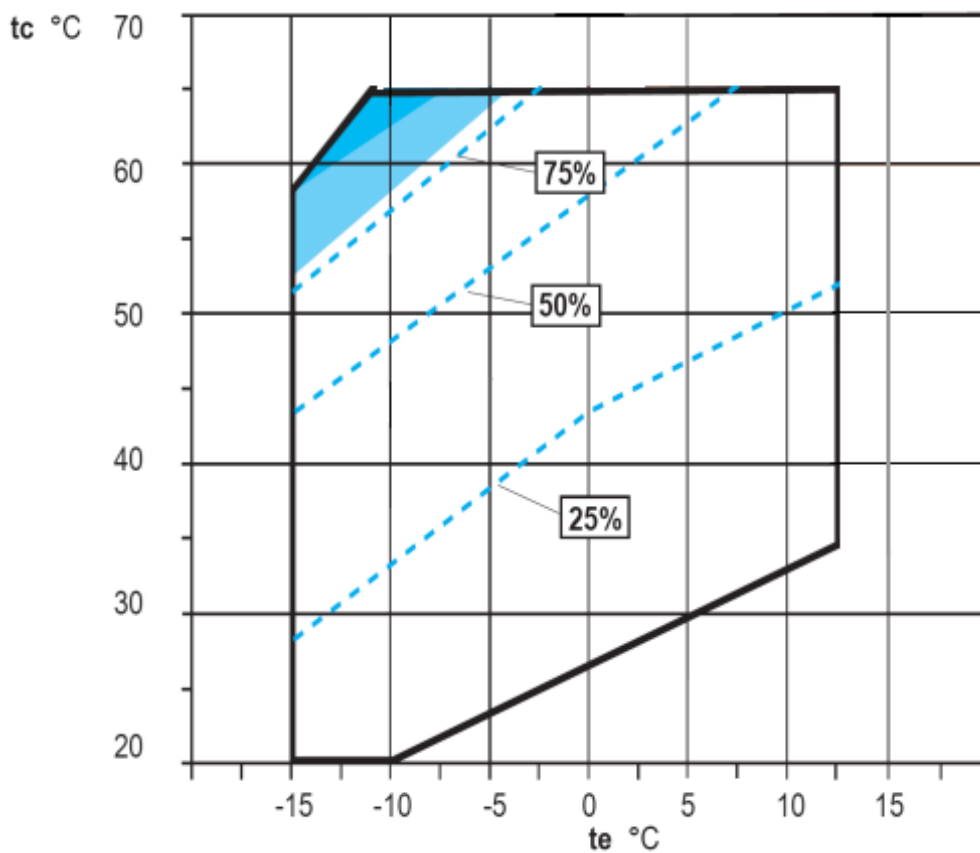
Cooling capacity [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	-	193 910	159 050	128 370	103 950	82 450
40	230 960	210 300	173 140	141 210	113 860	90 490	70 760
50	202 260	183 580	150 180	121 380	96 750	75 770	57 920
55	187 020	169 490	138 080	110 940	87 770	68 050	51 300

Power input [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	-	32.40	30.80	29.60	28.60	28.00
40	41.60	40.50	38.60	36.80	35.30	34.20	33.40
50	49.10	48.10	46.10	44.40	42.90	41.70	41.20
55	53.80	52.90	51.10	49.30	47.90	47.10	47.00

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]

