

Type: Semi-hermetic twin screw compressors

Producer: Frascold

Series: CXH

Model: CXH01 90-340 Y

Technical data

Nominal motor power [kW/HP]:	67 / 90
Displacement [m ³ /h]:	340
Capacity control [%]:	25-50-75-100
RPM [min ⁻¹]:	x
Weight net [kg]:	525
Weight gross [kg]:	581
Oil charge [dm ³]:	18

Electrical data

Power supply [V/~/Hz]:	380-420/3/50
Locked rotor current (P.W.S.) [A]:	165
Locked rotor current (D.O.L.) [A]:	698
Max. operating current [A]:	423
Max. power input [kW]:	95

Connections

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

R134a

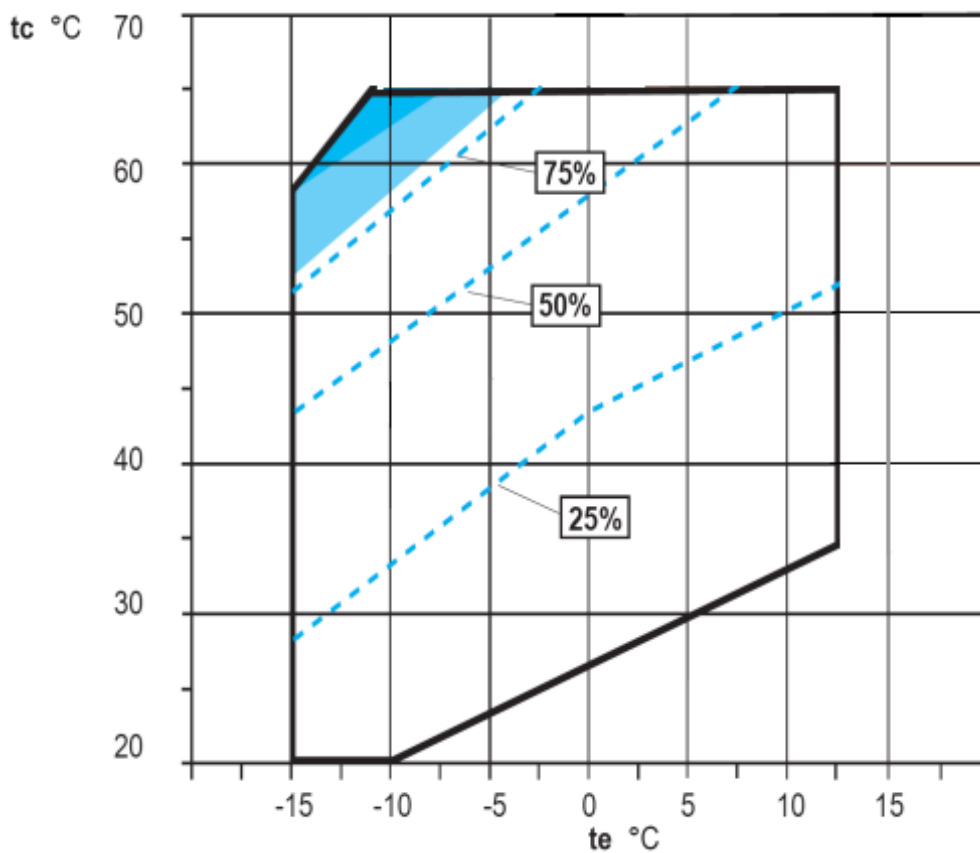
Cooling capacity [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	-	252 670	207 360	168 440	135 420	107 450
40	301 180	274 140	225 730	184 030	148 420	118 080	92 380
50	263 920	239 560	186 610	158 430	126 330	98 980	75 760
55	244 200	221 290	180 210	144 910	114 670	88 970	67 090

Power input [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	-	42.60	40.50	39.00	37.80	37.00
40	53.80	52.50	50.10	48.00	46.00	44.60	43.60
50	62.80	61.70	59.30	57.20	55.20	53.90	53.30
55	68.60	67.40	65.20	63.00	61.40	60.40	60.20

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]

