Type: Semi-hermetic twin screw compressors
Producer: Frascold
Series: CXH

Model: CXH01 100-370 Y

Technical data

Nominal motor power [kW/HP]:	75 / 100
Displacement [m³/h]:	370
Capacity control [%]:	25-50-75-100
RPM [min^{-1}]:	x
Weight net [kg]:	540
Weight gross [kg]:	596
Oil charge [dm³]:	18

Electrical data

Power supply [V/~/Hz]:	380-420/3/50
Locked rotor current (P.W.S.) [A]:	175
Locked rotor current (D.O.L.) [A]:	656
Max. operating current [A]:	401
Max. power input [kW]:	103

Connections

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

R134a

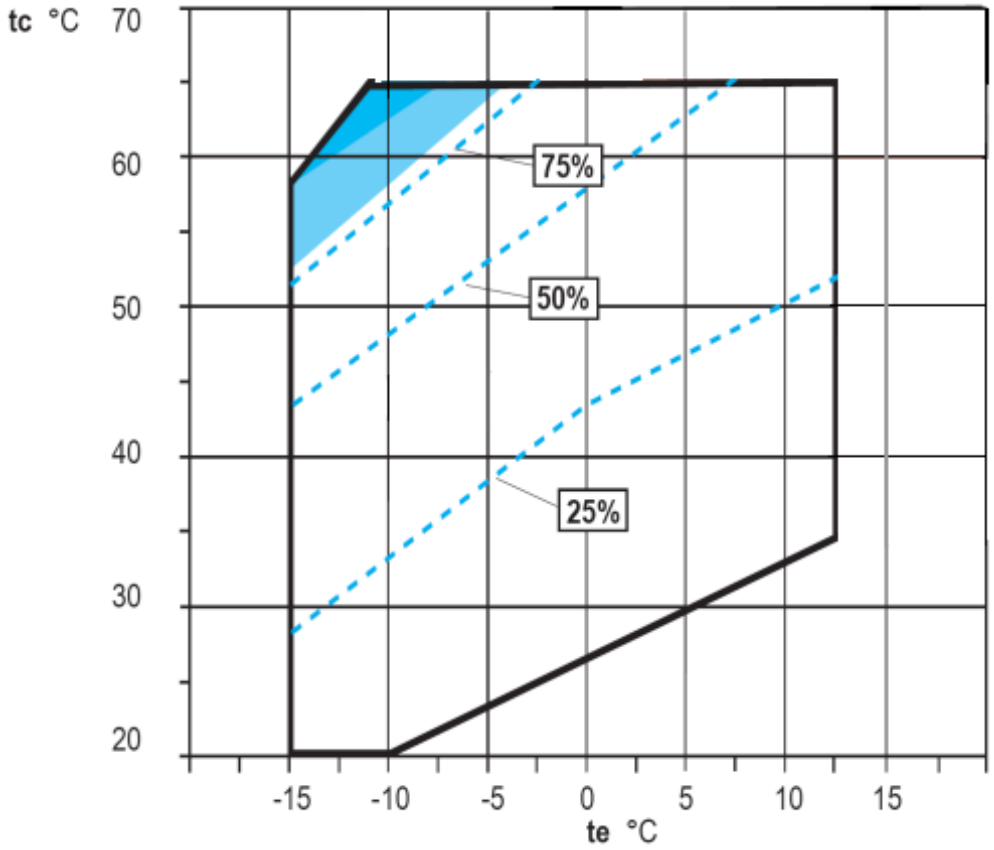
Cooling capacity [W]

t_c \ t_e	12.5	10	5	0	-5	-10	-15
30	-	-	274 970	225 660	183 310	147 370	116 930
40	327 760	298 330	245 650	200 270	161 520	128 500	100 530
50	287 210	260 700	203 080	172 410	137 480	107 720	82 440
55	265 750	240 820	196 110	157 700	124 790	96 820	73 010

Power input [W]

t_c \ t_e	12.5	10	5	0	-5	-10	-15
30	-	-	46.40	44.00	42.40	41.20	40.30
40	58.60	57.20	54.50	52.20	50.10	48.60	47.50
50	68.40	67.20	64.50	62.20	60.10	58.70	58.00
55	74.70	73.30	70.90	68.60	66.80	65.70	65.50

Application limits



With liquid injection or oil cooler

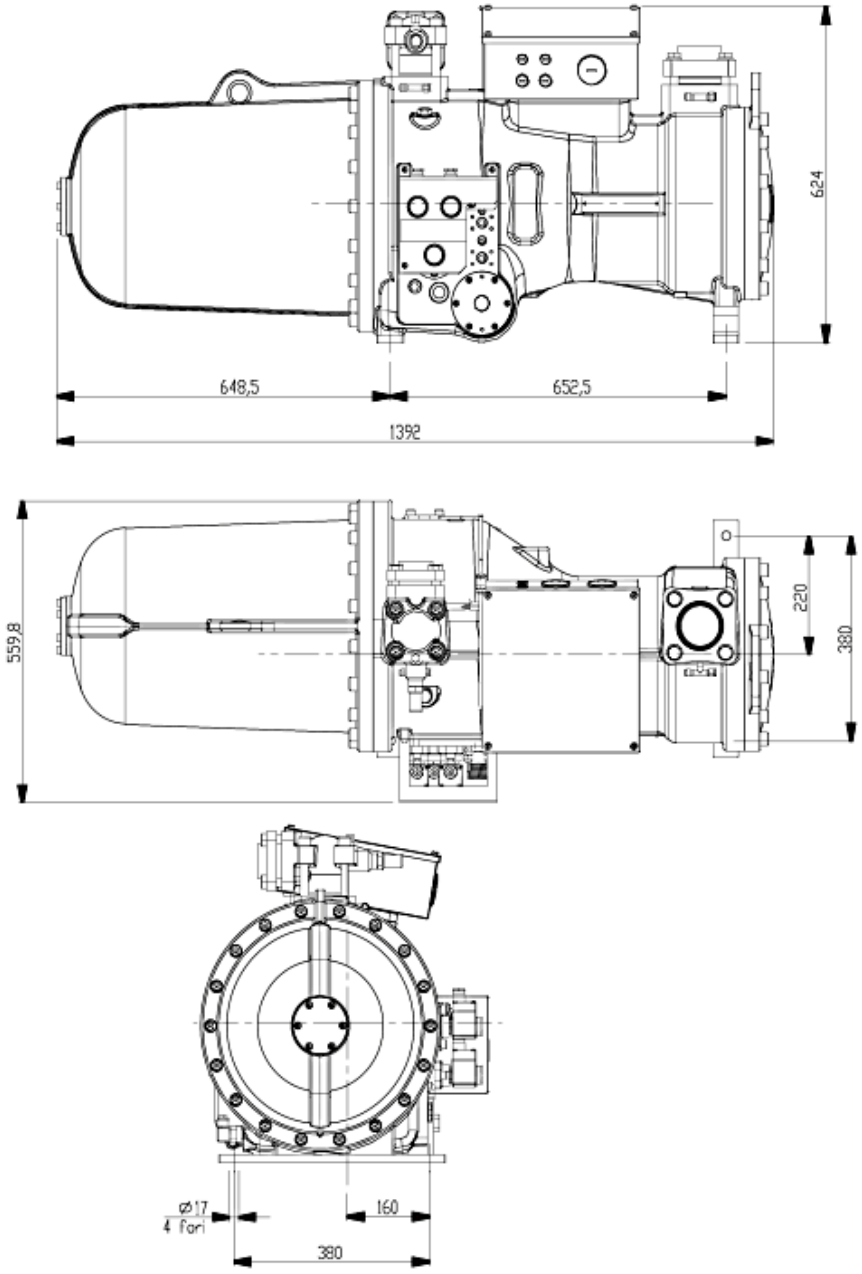
Operating conditions: suction gas temperature 10K, 0K subcooling

t_c - Condensing temperature [ºC]

t_e - Evaporating temperature [ºC]

Model: CXH01 100-370 Y

Dimensions



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Image