

Link do produktu: <http://sklep.czamara.net.pl/bitzer-s4t-52-2-stopniowa-p-6.html>

Bitzer S4T-5.2 (2 stopniowa)

Dostępność

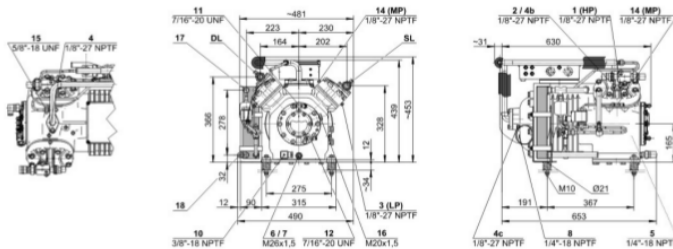
Dostępny

Opis produktu

 BITZER Software v6.4.3 rev1302	1 2015-10-05 / All data subject to change. 5 / 6
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Technical Data: S4T-5.2Y

Dimensions and Connections



Technical Data

Technical Data	
Displacement (1450 RPM 50Hz)	19.70 / 12.60 m³/h
Displacement (1750 RPM 60Hz)	23.78 / 15.21 m³/h
No. of cylinder x bore LP/HP x stroke	4 x 60/ 48 mm x 40 mm
Weight	136 kg
Max. pressure (LP/MP/HP)	19 / 19 / 28 bar
Connection suction line	28 mm - 1 1/8"
Connection discharge line	22 mm - 7/8"
Oil type R404A/R507A	BSE32 (Option)
Oil type R22	B5.2 (Standard)
Motor data	
Motor voltage (more on request)	380-420V PW-3-50Hz
Max operating current	14.0 A
Winding ratio	50/50
Starting current (Rotor locked)	39.0 A Y / 68.0 A YY
Max. Power input	6.9 kW
Extent of delivery (Standard)	
Motor protection	SE-B2 (Standard)
Enclosure class	IP54 (Standard), IP66 (Option)
Vibration dampers	Standard
TX valve for liquid injection	Standard
Sight glass	Standard
Filter Drier	Standard
Solenoid valve	Standard
Oil charge	3.00 dm³
Available Options	
Crankcase heater	100 W (Option)
Oil pressure monitoring	MP54 (Option), Delta P II (Option)
Oil service valve	Option
Discharge gas temperature sensor	Option
CIC (only for R22, instead of TX valve for LI)	Option
Liquid sub cooler (also mounted)	Option



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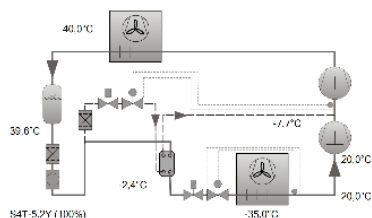
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Compressor Selection: 2-stage Semi-hermetic Reciprocating Compressors

Input Values

Compressor model S4T-5.2Y
Refrigerant R404A
Reference temperature Dew point temp.
Evaporating SST -35,00 °C
Condensing SDT 40,0 °C
Operating mode with sub cooler
Suction gas temperature 20,00 °C
Useful superheat 100%
Power supply 400V-3-50Hz



Result

Compressor	S4T-5.2Y-40P
Capacity steps	100%
Cooling capacity	6,09 kW
Cooling capacity *	4,14 kW
Evaporator capacity	6,09 kW
Power input	4,36 kW
Current (400V)	7,70 A
Voltage range	380-420V
Condenser Capacity	10,44 kW
COP/EER	1,40
COP/EER *	0,95
Mass flow LP	111,9 kg/h
Mass flow HP	177,7 kg/h
Intermed. pressure	4,69 bar(a)
Mean temperature	-7,72 °C
Liquid temp.	-2,39 °C

*According to EN12900 (20°C suction gas temp., 0K liquid subcooling)

Application Limits

