

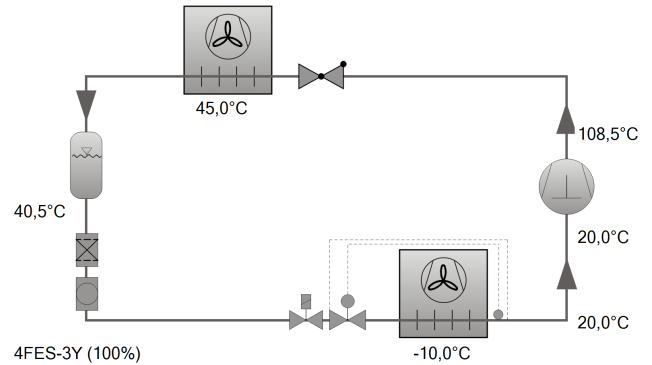


3BI0140
4FES-3Y

Selection: Semi-hermetic Reciprocating Compressors

Input Values

Compressor model	4FES-3Y
Mode	Refrigeration and air conditioning
Refrigerant	R449A
Reference temperature	Dew point temp.
Evaporating SST	-10,00 °C
Condensing SDT	45,0 °C
Liq. subc. (in condenser)	0 K
Suction gas temperature	20,00 °C
Operating mode	Auto
Power supply	400V-3-50Hz
Capacity control	100%
Useful superheat	100%



Result

Compressor	4FES-3Y-40S
Capacity steps	100%
Cooling capacity	8,74 kW
Cooling capacity *	8,74 kW
Evaporator capacity	8,74 kW
Power input	3,80 kW
Current (400V)	6,88 A
Voltage range	380-420V
Condenser capacity	12,54 kW
COP/EER	2,30
COP/EER *	2,30
Mass flow	198,9 kg/h
Operating mode	Standard
Discharge gas temp. w/o cooling	108,5 °C

Tentative Data.

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

Application Limits 100% 4FES-3

