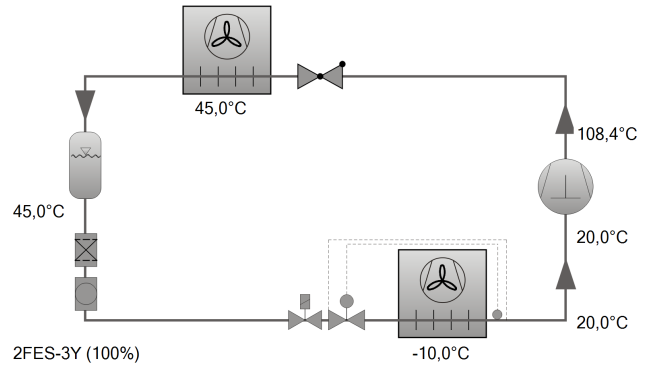




## Selection: Semi-hermetic Reciprocating Compressors

### Input Values

Compressor model	2FES-3Y
Mode	Refrigeration and Air conditioning
Refrigerant	R134a
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

<b>Compressor</b>	<b>2FES-3Y-40S</b>
Capacity steps	100%
Cooling capacity	2,67 kW
Cooling capacity *	2,67 kW
Evaporator capacity	2,67 kW
Power input	1,29 kW
Current (400V)	3,23 A
Voltage range	380-420V
Condenser capacity	3,96 kW
COP/EER	2,08
COP/EER *	2,08
Mass flow	62,6 kg/h
Operating mode	Standard
Discharge gas temp. w/o cooling	108,4 °C

Tentative Data.

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

### Application Limits 100%

