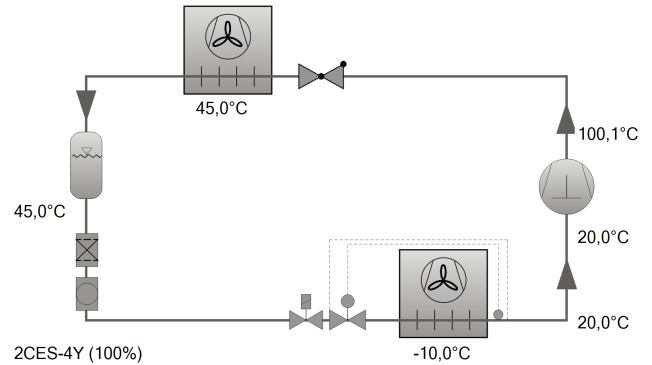




Selection: Semi-hermetic Reciprocating Compressors

Input Values

Compressor model	2CES-4Y
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

Compressor	2CES-4Y-40S
Capacity steps	100%
Cooling capacity	4,95 kW
Cooling capacity *	4,95 kW
Evaporator capacity	4,95 kW
Power input	2,09 kW
Current (400V)	4,83 A
Voltage range	380-420V
Condenser capacity	7,04 kW
COP/EER	2,37
COP/EER *	2,37
Mass flow	115,9 kg/h
Operating mode	Standard
Discharge gas temp. w/o cooling	100,1 °C



Tentative Data.

*Compressor-Performance data certified by ASERCOM (see T.Data/ Notes)

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

Application Limits 100%

