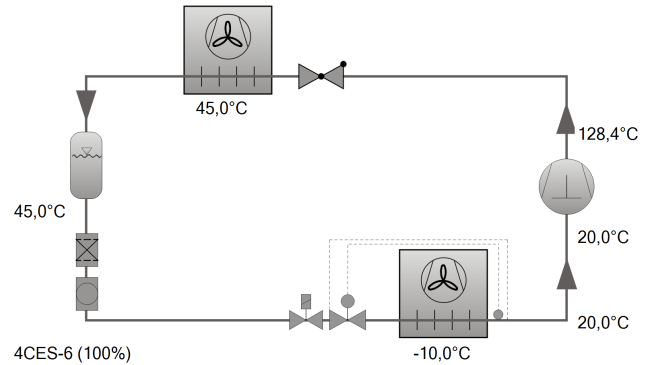




## Selection: Semi-hermetic Reciprocating Compressors

### Input Values

Compressor model	4CES-6
Mode	Refrigeration and Air conditioning
Refrigerant	R22
Reference temperature	Dew point temp.
Evaporating SST	-10,00 °C
Condensing SDT	45,0 °C
Liq. subco. (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	<b>4CES-6-40S</b>
Capacity steps	100%
Cooling capacity	16,10 kW
Cooling capacity *	16,10 kW
Evaporator capacity	16,10 kW
Power input	6,72 kW
Current (400V)	11,82 A
Voltage range	380-420V
Condenser capacity	22,8 kW
COP/EER	2,40
COP/EER *	2,40
Mass flow	349 kg/h
Operating mode	Standard
Discharge gas temp. w/o cooling	128,4 °C

Tentative Data.

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

### Application Limits 100%

