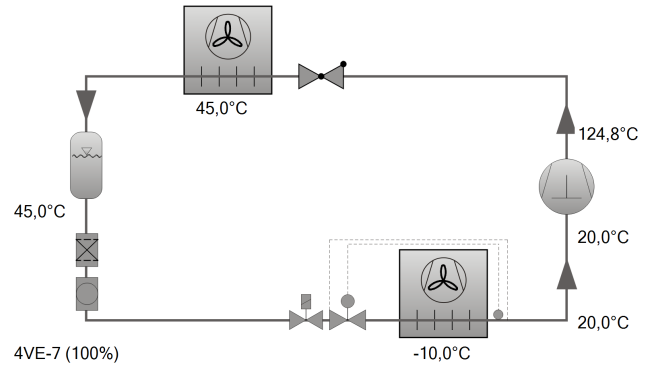




Selection: Semi-hermetic Reciprocating Compressors

Input Values

Compressor model	4VE-7
Mode	Refrigeration and Air conditioning
Refrigerant	R22
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	4VE-7-40P
Capacity steps	100%
Cooling capacity	17,18 kW
Cooling capacity *	17,18 kW
Evaporator capacity	17,18 kW
Power input	6,85 kW
Current (400V)	11,76 A
Voltage range	380-420V
Condenser capacity	24,0 kW
COP/EER	2,51
COP/EER *	2,51
Mass flow	372 kg/h
Operating mode	Standard
Discharge gas temp. w/o cooling	124,8 °C

Tentative Data.

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

Application Limits 100%

