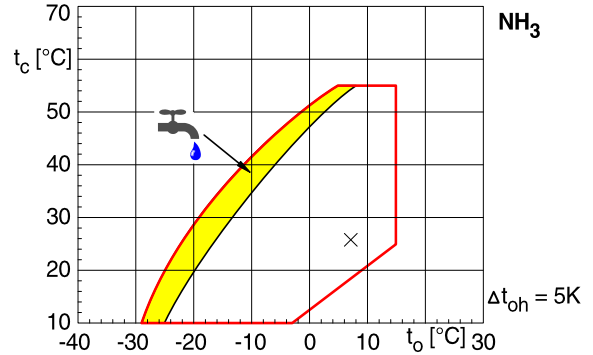


### Compressor Selection: Open-Type Reciprocating Compressors

#### Input Values

Compressor model	<b>W6FA</b>
Refrigerant	R717 [NH3]
Reference temperature	Dew point temp.
Evaporating SST	7°C
Condensing SDT	25°C
Liquid subcooling	0K
Suct. gas superheat	5K
Compr. speed	1450 /min
Useful superheat	100%
Capacity Control	100%

#### Application Limits



#### Output

Compressor model	<b>W6FA</b>
<hr/>	
Cooling capacity	198.4 kW
Cooling capacity *	198.4 kW
Evaporator capacity	198.4 kW
Shaft power	19.99 kW
Condensing capacity	218 kW
COP/EER	9.93
COP/EER *	9.93
Mass flow	614 kg/h
Operating mode	Coupling (1:1)
Compr. speed	1450 /min
Necces. driving motor	22.0 kW
Discharge gas temp. w/o cooling	67.5 °C

Starting point for motor selection see T. Data/ Notes

\*According to EN12900 (5K suction gas superheat, 0K liquid subcooling)