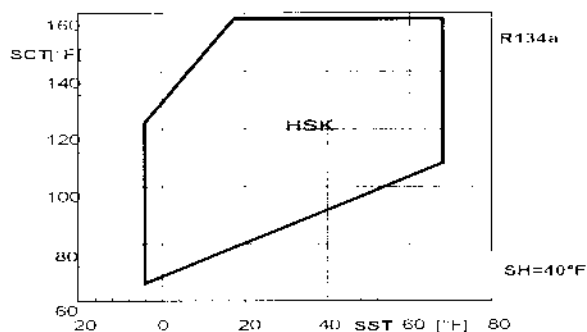


Performance Table: Semi-hermetic Screw Compressors

Compressor type	HSK5341-30	Power supply	460V-3-60Hz
Refrigerant	R134a	Max. disch. gas temp [°F]	180
Operating mode	Standard		
Suction gas superheat [°F]	20		
Liquid subcooling [°F]	15		

tc [°F]	to [°F]	+60	+65
110	Qo[BTU/hr]	314861	346982
	P [kW]	17.50	17.84
	I [A]	23.3	23.7
	EER	17.99	19.45
	mLP [lb/hr]	4356	4753
	mHP [lb/hr]	4356	4753
	Qoil[kBTU/h]	0	0
	tco [°F]	95.0	95.0
	pm [psig]		
	Qsc[kBTU/h]		
120	Qo[BTU/hr]	294601	325092
	P [kW]	19.53	19.91
	I [A]	25.8	26.3
	EER	15.08	16.33
	mLP [lb/hr]	4282	4677
	mHP [lb/hr]	4282	4677
	Qoil[kBTU/h]	0	0
	tco [°F]	105.0	105.0
	pm [psig]		
	Qsc[kBTU/h]		
130	Qo[BTU/hr]	273076	301862
	P [kW]	22.1	22.5
	I [A]	29.0	29.6
	EER	12.36	13.41
	mLP [lb/hr]	4184	4576
	mHP [lb/hr]	4184	4576
	Qoil[kBTU/h]	2.43	0
	tco [°F]	115.0	115.0
	pm [psig]		
	Qsc[kBTU/h]		

Application Limits



Legend

to [°F]	Evaporation SST
tc [°F]	Condensing SCT
Qo[BTU/hr]	Cooling capacity
P [kW]	Power input
I [A]	Current
EER	COP/EER
mLP [lb/hr]	Mass flow LP
mHP [lb/hr]	Mass flow HP
Qoil[kBTU/h]	Oil cooler load
tco [°F]	Liquid temperature
pm [psig]	ECO pressure
Qsc[kBTU/h]	Sub-cooler capacity (ECO)

-- No calculation possible (see message in single point selection)

* with suction gas superh 20°F and liquid sub-cooling 15°F