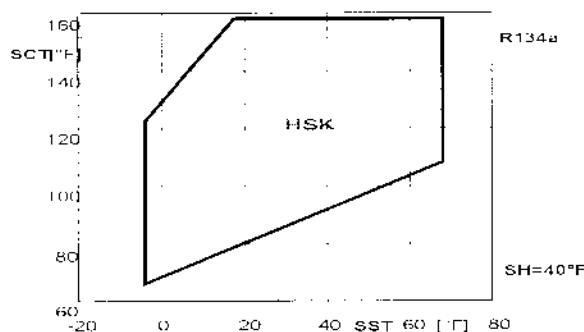


Performance Table: Semi-hermetic Screw Compressors

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]	0	+10	+20	+30	+40	+45	+55
90	Qo[BTU/hr]	89716	117830	150735	189480	--	--	--
	P [kW]	11.53	12.18	12.80	13.41			
	I [A]	16.44	17.14	17.82	18.50			
	EER	7.78	9.67	11.77	14.13			
	mLP [lb/hr]	1280	1644	2059	2536			
	mHP [lb/hr]	1280	1644	2059	2536			
	Qoil[kBTU/h]	0	0	0	0			
	tcu [°F]	75.0	75.0	75.0	75.0			
	pm [psig]							
	Qsc[kBTU/h]							
100	Qo[BTU/hr]	82833	109856	141458	178633	222381	247042	302615
	P [kW]	12.12	12.81	13.49	14.15	14.79	15.11	15.73
	I [A]	17.07	17.83	18.59	19.34	20.1	20.5	21.2
	EER	6.83	8.57	10.49	12.63	15.04	16.35	19.23
	mLP [lb/hr]	1242	1609	2026	2504	3054	3358	4034
	mHP [lb/hr]	1242	1609	2026	2504	3054	3358	4034
	Qoil[kBTU/h]	4.31	0	0	0	0	0	0
	tcu [°F]	85.0	85.0	85.0	85.0	85.0	85.0	85.0
	pm [psig]							
	Qsc[kBTU/h]							
105	Qo[BTU/hr]	79088	105548	136475	172833	215600	239704	294016
	P [kW]	12.58	13.31	14.02	14.71	15.39	15.72	16.37
	I [A]	17.57	18.38	19.19	19.99	20.8	21.2	22.0
	EER	6.29	7.93	9.73	11.75	14.01	15.25	17.96
	mLP [lb/hr]	1217	1586	2004	2483	3032	3336	4011
	mHP [lb/hr]	1217	1586	2004	2483	3032	3336	4011
	Qoil[kBTU/h]	7.17	1.30	0	0	0	0	0
	tcu [°F]	90.0	90.0	90.0	90.0	90.0	90.0	90.0
	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/hr]	Oil cooler load
tcu [°F]	Liquid temperature
pm [psig]	ECO pressure
Qsc[kBTU/hr]	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