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All data subject to change.

HSN 5341 - 20 LOW TEMP R-22

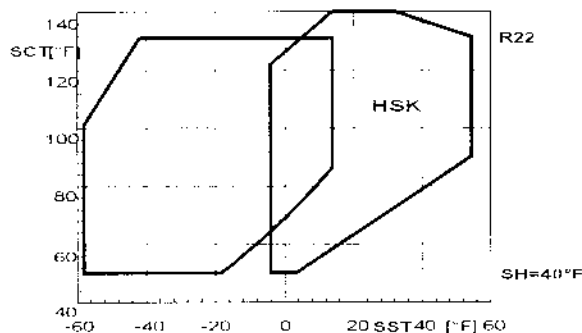
7/11/2001

Performance Table: Semi-hermetic Screw Compressors

Compressor type	HSN5341-20	Power supply	460V-3-60Hz
Refrigerant	R22	Max. disch. gas temp. [°F]	180
Operating mode	Standard		
Suction gas superheat [°F]	20		
Liquid subcooling [°F]	15		

tc [°F]	to [°F]	+10	+15	+20	+25	+30
90	Qo[BTU/hr]	196571	--	--	--	--
	P [kW]	20.1				
	I [A]	28.9				
	EER	9.79				
	mLP [lb/hr]	2567				
	mHP [lb/hr]	2567				
	Qoil[kBTU/hr]	15.99				
	tcu [°F]	75.0				
	pm [psig]					
	Qsc[kBTU/h]					
100	Qo[BTU/hr]	185243	--	--	--	--
	P [kW]	21.5				
	I [A]	30.8				
	EER	8.60				
	mLP [lb/hr]	2516				
	mHP [lb/hr]	2516				
	Qoil[kBTU/hr]	24.5				
	tcu [°F]	85.0				
	pm [psig]					
	Qsc[kBTU/h]					
105	Qo[BTU/hr]	179495	--	--	--	--
	P [kW]	22.3				
	I [A]	31.7				
	EER	8.07				
	mLP [lb/hr]	2488				
	mHP [lb/hr]	2488				
	Qoil[kBTU/hr]	28.8				
	tcu [°F]	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