

HAX22e/160-4

Engine: 220-240V Δ / 380-420V Y -3- 50Hz

Refrigerant: R404A, R507

Subject: Предварительный расчет

Performance data table

Application: Refrigeration & AC

Reference temperature: Dew point

Supply frequency: 50 Hz

Voltage: 400 V

Suction gas temperature: 20 °C

Subcooling (outside cond.): 0 K

tc [°C]		to [°C]										
		-20.0	-25.0	-30.0	-35.0	-40.0						
15.0	Q [W]											
	P [kW]											
	I [A]											
20.0	Q [W]	6850	5520	4360	3380	2550						
	P [kW]	2.02	1.81	1.61	1.42	1.23						
	I [A]	4.50	4.28	4.08	3.90	3.73						
25.0	Q [W]	6340	5090	4020	3100	2330						
	P [kW]	2.21	1.98	1.76	1.54	1.33						
	I [A]	4.70	4.45	4.22	4.01	3.82						
30.0	Q [W]	5840	4690	3690	2830	2120						
	P [kW]	2.36	2.11	1.86	1.62	1.39						
	I [A]	4.87	4.59	4.33	4.09	3.87						
35.0	Q [W]	5360	4290	3360	2580	1920						
	P [kW]	2.48	2.20	1.93	1.67	1.41						
	I [A]	5.01	4.69	4.40	4.13	3.89						
40.0	Q [W]	4890	3900	3050	2320	1710						
	P [kW]	2.58	2.27	1.97	1.69	1.41						
	I [A]	5.12	4.76	4.44	4.15	3.88						
45.0	Q [W]	4430	3520	2740	2070	1500						
	P [kW]	2.66	2.32	2.00	1.69	1.38						
	I [A]	5.21	4.83	4.47	4.15	3.86						
50.0	Q [W]	3970	3140	2420	1800	1290						
	P [kW]	2.73	2.37	2.02	1.68	1.35						
	I [A]	5.30	4.88	4.50	4.15	3.83						
55.0	Q [W]	3510	2750	2100	1530	1060						
	P [kW]	2.81	2.42	2.04	1.68	1.32						
	I [A]	5.40	4.94	4.52	4.14	3.80						

Preliminary capacity data.

Reduced suction gas temperature ($\Delta t_{oh} < 20K$)

to Evaporating temperature
tc Condensing temperature
Q Compressor refrigeration capacity
P Power consumption
I Current draw

Subject to change without notice

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