

HAX22e/160-4

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

Refrigerant: R407A

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]	6200	4840	3690	2730	1960						
	P [kW]	1.68	1.57	1.44	1.29	1.14						
	I [A]	4.14	4.04	3.91	3.78	3.65						
20.0	Q [W]	5850	4530	3420	2510	1760						
	P [kW]	1.79	1.65	1.49	1.32	1.14						
	I [A]	4.26	4.11	3.96	3.80	3.65						
25.0	Q [W]	5480	4220	3150	2270	1550						
	P [kW]	1.89	1.71	1.52	1.32	1.13						
	I [A]	4.36	4.18	3.99	3.81	3.63						
30.0	Q [W]	5110	3890	2870	2030	1350						
	P [kW]	1.98	1.77	1.54	1.32	1.10						
	I [A]	4.45	4.23	4.01	3.81	3.61						
35.0	Q [W]	4720	3560	2590	1790	1140						
	P [kW]	2.05	1.80	1.55	1.30	1.06						
	I [A]	4.52	4.27	4.02	3.79	3.58						
40.0	Q [W]	4330	3230	2310	1550	920						
	P [kW]	2.10	1.82	1.54	1.27	1.00						
	I [A]	4.58	4.29	4.01	3.76	3.53						
45.0	Q [W]	3930	2890	2020	1300	710						
	P [kW]	2.14	1.83	1.52	1.22	0.93						
	I [A]	4.62	4.30	3.99	3.71	3.47						
50.0	Q [W]	3530	2550	1730	1060	503						
	P [kW]	2.16	1.82	1.48	1.15	0.84						
	I [A]	4.65	4.28	3.95	3.65	3.40						
55.0	Q [W]	3130	2200	1440	809							
	P [kW]	2.16	1.79	1.42	1.06							
	I [A]	4.65	4.25	3.89	3.58							

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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Page 1 of 1

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