

HAX34e/380-4

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]	15200	12000	9180	6910	5040						
	P [kW]	3.82	3.50	3.15	2.78	2.39						
	I [A]	7.78	7.43	7.05	6.67	6.29						
20.0	Q [W]	14300	11200	8530	6360	4550						
	P [kW]	4.12	3.73	3.31	2.88	2.43						
	I [A]	8.13	7.68	7.22	6.77	6.33						
25.0	Q [W]	13400	10400	7880	5800	4050						
	P [kW]	4.39	3.93	3.45	2.95	2.44						
	I [A]	8.46	7.91	7.37	6.84	6.34						
30.0	Q [W]	12500	9590	7220	5230	3540						
	P [kW]	4.64	4.10	3.55	2.98	2.42						
	I [A]	8.76	8.11	7.48	6.88	6.32						
35.0	Q [W]	11500	8800	6550	4650	3020						
	P [kW]	4.85	4.24	3.62	2.99	2.36						
	I [A]	9.03	8.28	7.55	6.88	6.27						
40.0	Q [W]	10600	8010	5870	4060	2480						
	P [kW]	5.03	4.35	3.65	2.95	2.26						
	I [A]	9.25	8.40	7.59	6.84	6.18						
45.0	Q [W]	9630	7220	5190	3460	1940						
	P [kW]	5.17	4.41	3.64	2.88	2.13						
	I [A]	9.44	8.48	7.58	6.77	6.05						
50.0	Q [W]	8690	6420	4500	2860	1390						
	P [kW]	5.28	4.44	3.60	2.76	1.95						
	I [A]	9.58	8.51	7.53	6.65	5.90						
55.0	Q [W]	7760	5620	3820	2250							
	P [kW]	5.34	4.42	3.51	2.60							
	I [A]	9.66	8.50	7.43	6.50							

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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