

HAX34e/255-4

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]	10000	7850	6030	4520	3280					
	P [kW]	2.55	2.37	2.16	1.93	1.69					
	I [A]	5.08	4.88	4.65	4.40	4.16					
20.0	Q [W]	9390	7340	5600	4150	2960					
	P [kW]	2.73	2.50	2.25	1.98	1.70					
	I [A]	5.30	5.03	4.74	4.45	4.16					
25.0	Q [W]	8780	6820	5160	3770	2630					
	P [kW]	2.90	2.62	2.32	2.00	1.69					
	I [A]	5.51	5.17	4.82	4.48	4.15					
30.0	Q [W]	8160	6290	4710	3390	2310					
	P [kW]	3.05	2.71	2.37	2.01	1.66					
	I [A]	5.69	5.28	4.87	4.48	4.12					
35.0	Q [W]	7540	5770	4270	3010	1980					
	P [kW]	3.18	2.79	2.40	2.00	1.61					
	I [A]	5.85	5.37	4.91	4.47	4.07					
40.0	Q [W]	6920	5240	3820	2640	1660					
	P [kW]	3.28	2.85	2.40	1.96	1.54					
	I [A]	5.99	5.44	4.92	4.44	4.01					
45.0	Q [W]	6300	4710	3380	2260	1340					
	P [kW]	3.37	2.88	2.39	1.91	1.44					
	I [A]	6.10	5.48	4.90	4.38	3.92					
50.0	Q [W]	5680	4190	2940	1900	1030					
	P [kW]	3.43	2.89	2.35	1.83	1.33					
	I [A]	6.18	5.49	4.86	4.29	3.81					
55.0	Q [W]	5070	3680	2510	1530						
	P [kW]	3.46	2.87	2.29	1.72						
	I [A]	6.22	5.47	4.78	4.19						

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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