

HAX34e/315-4

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]	12600	9850	7550	5630	4060						
	P [kW]	3.15	2.91	2.64	2.35	2.03						
	I [A]	6.39	6.12	5.83	5.51	5.20						
20.0	Q [W]	11800	9190	6980	5150	3650						
	P [kW]	3.38	3.07	2.75	2.40	2.04						
	I [A]	6.66	6.31	5.94	5.56	5.20						
25.0	Q [W]	11000	8520	6420	4670	3230						
	P [kW]	3.58	3.21	2.83	2.42	2.01						
	I [A]	6.91	6.47	6.03	5.59	5.18						
30.0	Q [W]	10300	7850	5850	4180	2810						
	P [kW]	3.76	3.33	2.88	2.42	1.97						
	I [A]	7.13	6.60	6.09	5.59	5.13						
35.0	Q [W]	9420	7170	5280	3700	2400						
	P [kW]	3.92	3.42	2.91	2.40	1.90						
	I [A]	7.32	6.71	6.12	5.57	5.06						
40.0	Q [W]	8630	6500	4710	3220	1990						
	P [kW]	4.04	3.48	2.91	2.35	1.80						
	I [A]	7.48	6.78	6.12	5.52	4.97						
45.0	Q [W]	7840	5840	4150	2750	1590						
	P [kW]	4.14	3.51	2.89	2.27	1.68						
	I [A]	7.60	6.82	6.10	5.44	4.86						
50.0	Q [W]	7060	5180	3600	2280	1200						
	P [kW]	4.21	3.51	2.83	2.16	1.52						
	I [A]	7.69	6.83	6.03	5.33	4.72						
55.0	Q [W]	6280	4530	3060	1830							
	P [kW]	4.24	3.49	2.75	2.03							
	I [A]	7.74	6.79	5.94	5.19							

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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Page 1 of 1

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