

HAX34e/315-4

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

Refrigerant: R407F

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]	13200	10300	7720	5670	4040						
	P [kW]	3.34	3.09	2.79	2.46	2.13						
	I [A]	6.62	6.32	5.98	5.63	5.29						
20.0	Q [W]	12400	9530	7150	5200	3640						
	P [kW]	3.60	3.26	2.89	2.51	2.13						
	I [A]	6.94	6.53	6.10	5.69	5.30						
25.0	Q [W]	11600	8850	6570	4720	3240						
	P [kW]	3.83	3.41	2.98	2.54	2.12						
	I [A]	7.22	6.71	6.20	5.72	5.28						
30.0	Q [W]	10800	8160	6000	4240	2860						
	P [kW]	4.03	3.53	3.03	2.54	2.09						
	I [A]	7.47	6.85	6.26	5.72	5.25						
35.0	Q [W]	9940	7460	5420	3780	2480						
	P [kW]	4.20	3.63	3.06	2.53	2.03						
	I [A]	7.68	6.96	6.30	5.70	5.20						
40.0	Q [W]	9110	6770	4860	3320	2120						
	P [kW]	4.33	3.69	3.07	2.49	1.97						
	I [A]	7.85	7.04	6.31	5.67	5.13						
45.0	Q [W]	8290	6090	4300	2880	1770						
	P [kW]	4.43	3.73	3.05	2.43	1.88						
	I [A]	7.98	7.08	6.29	5.60	5.05						
50.0	Q [W]	7460	5410	3760	2450	1450						
	P [kW]	4.50	3.73	3.01	2.35	1.78						
	I [A]	8.07	7.09	6.24	5.52	4.95						
55.0	Q [W]	6650	4750	3230	2040	1150						
	P [kW]	4.54	3.71	2.95	2.26	1.66						
	I [A]	8.13	7.07	6.16	5.42	4.84						

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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