

HAX34e/255-4

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

Refrigerant: R404A, R507

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]											
	P [kW]											
	I [A]											
20.0	Q [W]	11100	8930	7060	5470	4140						
	P [kW]	3.28	2.94	2.62	2.30	2.00						
	I [A]	5.99	5.56	5.16	4.80	4.47						
25.0	Q [W]	10300	8250	6500	5020	3780						
	P [kW]	3.59	3.21	2.85	2.50	2.16						
	I [A]	6.39	5.90	5.45	5.03	4.65						
30.0	Q [W]	9460	7590	5970	4590	3440						
	P [kW]	3.83	3.42	3.02	2.63	2.26						
	I [A]	6.72	6.16	5.65	5.18	4.75						
35.0	Q [W]	8680	6950	5450	4170	3100						
	P [kW]	4.02	3.57	3.13	2.70	2.29						
	I [A]	6.98	6.36	5.79	5.27	4.79						
40.0	Q [W]	7920	6320	4940	3760	2770						
	P [kW]	4.18	3.68	3.20	2.74	2.28						
	I [A]	7.20	6.51	5.88	5.31	4.78						
45.0	Q [W]	7170	5700	4430	3340	2430						
	P [kW]	4.31	3.77	3.24	2.74	2.25						
	I [A]	7.38	6.63	5.94	5.31	4.74						
50.0	Q [W]	6430	5080	3920	2920	2080						
	P [kW]	4.43	3.84	3.28	2.73	2.19						
	I [A]	7.56	6.74	5.98	5.30	4.68						
55.0	Q [W]	5680	4450	3390	2480	1710						
	P [kW]	4.56	3.93	3.32	2.72	2.14						
	I [A]	7.74	6.85	6.03	5.29	4.62						

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

To: Промышленная Холодильная
Компания info@phk-holod.ru

From:

13.02.2023
Page 1 of 1

VAP 11.12.0