

EX-HGX56e/995-4 S

Engine: 380-420V Y/YY -3- 50Hz PW

Refrigerant: R134a

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]									
		10.0	5.0	0.0	-5.0	-10.0	-15.0	-20.0			
20.0	Q [W]	84700	70100	57200	46100	36500	28400	21700			
	P [kW]	7.60	7.95	8.02	7.86	7.50	6.99	6.36			
	I [A]	21.30	21.60	21.60	21.50	21.20	20.70	20.20			
25.0	Q [W]	80300	66400	54200	43600	34500	26800	20400			
	P [kW]	8.91	9.05	8.93	8.59	8.08	7.42	6.66			
	I [A]	22.40	22.60	22.50	22.10	21.70	21.10	20.50			
30.0	Q [W]	75800	62600	51000	41000	32400	25100	19000			
	P [kW]	10.10	10.10	9.82	9.30	8.63	7.82	6.94			
	I [A]	23.70	23.60	23.30	22.80	22.20	21.40	20.70			
35.0	Q [W]	71300	58800	47900	38400	30300	23400	17600			
	P [kW]	11.40	11.10	10.60	9.98	9.14	8.19	7.18			
	I [A]	24.90	24.60	24.10	23.40	22.60	21.80	20.90			
40.0	Q [W]	66800	55000	44800	35800	28200	21700	16200			
	P [kW]	12.60	12.10	11.40	10.60	9.61	8.52	7.37			
	I [A]	26.20	25.70	25.00	24.10	23.10	22.10	21.10			
45.0	Q [W]	62300	51200	41600	33200	26000	19900	14800			
	P [kW]	13.80	13.10	12.20	11.10	10.00	8.79	7.52			
	I [A]	27.50	26.70	25.80	24.70	23.50	22.30	21.20			
50.0	Q [W]	57700	47400	38400	30600	23900	18200	13300			
	P [kW]	14.80	13.90	12.90	11.60	10.30	8.99	7.59			
	I [A]	28.80	27.70	26.50	25.20	23.80	22.50	21.20			
55.0	Q [W]	53200	43600	35200	28000	21700	16400	11900			
	P [kW]	15.80	14.70	13.50	12.10	10.60	9.12	7.59			
	I [A]	30.00	28.60	27.20	25.70	24.10	22.60	21.20			

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

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