

EX-HGX56e/995-4 S

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

Refrigerant: R407C

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]		103000	84900	69400	56100	44800	35200			
	P [kW]		11.00	11.30	11.30	11.00	10.40	9.63			
	I [A]		24.50	24.90	24.80	24.50	23.90	23.10			
25.0	Q [W]	117000	97200	80100	65400	52700	42000	32900			
	P [kW]	12.30	12.80	12.90	12.60	12.00	11.20	10.20			
	I [A]	25.90	26.40	26.50	26.20	25.60	24.70	23.70			
30.0	Q [W]	111000	91500	75400	61400	49400	39200	30500			
	P [kW]	14.50	14.60	14.40	13.80	13.00	11.90	10.70			
	I [A]	28.40	28.50	28.20	27.60	26.60	25.50	24.20			
35.0	Q [W]	104000	85900	70600	57400	46100	36400	28200			
	P [kW]	16.60	16.40	15.90	15.00	13.90	12.60	11.20			
	I [A]	30.90	30.70	30.00	29.00	27.70	26.30	24.80			
40.0	Q [W]	96900	80300	65900	53500	42800	33700	26000			
	P [kW]	18.70	18.20	17.30	16.20	14.80	13.30	11.70			
	I [A]	33.60	32.90	31.80	30.40	28.70	27.00	25.20			
45.0	Q [W]	90400	74800	61300	49600	39600	31100	23800			
	P [kW]	20.70	19.80	18.60	17.20	15.60	13.80	12.00			
	I [A]	36.30	35.10	33.50	31.70	29.70	27.60	25.60			
50.0	Q [W]	83900	69300	56700	45800	36500	28500	21700			
	P [kW]	22.60	21.40	19.90	18.20	16.30	14.30	12.20			
	I [A]	39.00	37.30	35.20	32.90	30.50	28.10	25.80			
55.0	Q [W]	77500	63900	52100	42000	33400	26000				
	P [kW]	24.40	22.90	21.00	19.00	16.90	14.60				
	I [A]	41.60	39.30	36.80	34.00	31.20	28.50				

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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