

21.07.2017

GKH CIE 3x400V 450 136.6FF

Free running impellers
 with EC motor

Fan-type	GKH_450-CIE136.6FF
Article-No	
Voltage[V]	3~380-480
Frequency[Hz]	50/60
Power P1[kW]	3.5
Current I[A]	5.1@400V
Speed n[1/min]	2300
Capacitor C[μF]	--
Max. air temp. tR[°C]	40
Min. pressure dpst[Pa]	--
Delta I[%]	--
Startup current Ia/In	--
Protection mode	IP 54
Weight[kg]	20.0
Wiring diagram	01.390
K-Factor	192

Data for 3~460V@60Hz: n = 2300 1/min I = 4,5A

Data related to operating point

							Actual	Requ ested
U[V]	400_	370_	330_	280_	230_	200_	251	
	D	D	D	D	D	D		
dV/dt[cfm]	3279	3066	2701	2346	1918	1557	2100	2100
dPt[In WG]	5.01	4.39	3.40	2.57	1.72	1.13	2.06	
dPfa[In WG]	4.88	4.26	3.31	2.50	1.67	1.10	2.00	2.00
I[A]	5.04	4.12	2.91	2.00	1.29	0.854	1.59	
P[kW]	3.44	2.80	1.96	1.31	0.771	0.475	1.00	
n[1/min]	2300	2150	1900	1649	1350	1102	1476	

Octave sound power level

f[Hz]	125	250	500	1000	2000	4000	8000	Sum
LwA8[dBA]:	59	72	73	76	72	68	60	80
LwA6[dBA]:	56	69	70	73	69	65	57	77
LwA5[dBA]:	52	66	67	67	66	61	58	73



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