

21.07.2017

GKH CIE 3x230V 450 136.6FF

Free running impellers
 with EC motor

Fan-type	GKH_450-CIE136.6FF
Article-No	
Voltage[V]	3~200-240
Frequency[Hz]	50/60
Power P1[kW]	3.5
Current I[A]	9.0@230V
Speed n[1/min]	2250
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 3~208V@60Hz: n = 2210 1/min I = 9,2A

Data related to operating point

							Actual	Requ ested
U[V]	230_	210_	190_	160_	130_	110_	147	
	D	D	D	D	D	D		
dV/dt[cfm]	3219	2930	2641	2284	1842	1483	2100	2100
dPt[In WG]	4.83	4.01	3.25	2.43	1.58	1.03	2.06	
dPfa[In WG]	4.70	3.89	3.16	2.36	1.54	0.998	2.00	2.00
I[A]	8.41	6.33	4.72	3.15	1.89	1.24	2.62	
P[kW]	3.34	2.52	1.86	1.23	0.713	0.427	1.01	
n[1/min]	2250	2050	1848	1599	1299	1049	1473	

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



21.07.2017

