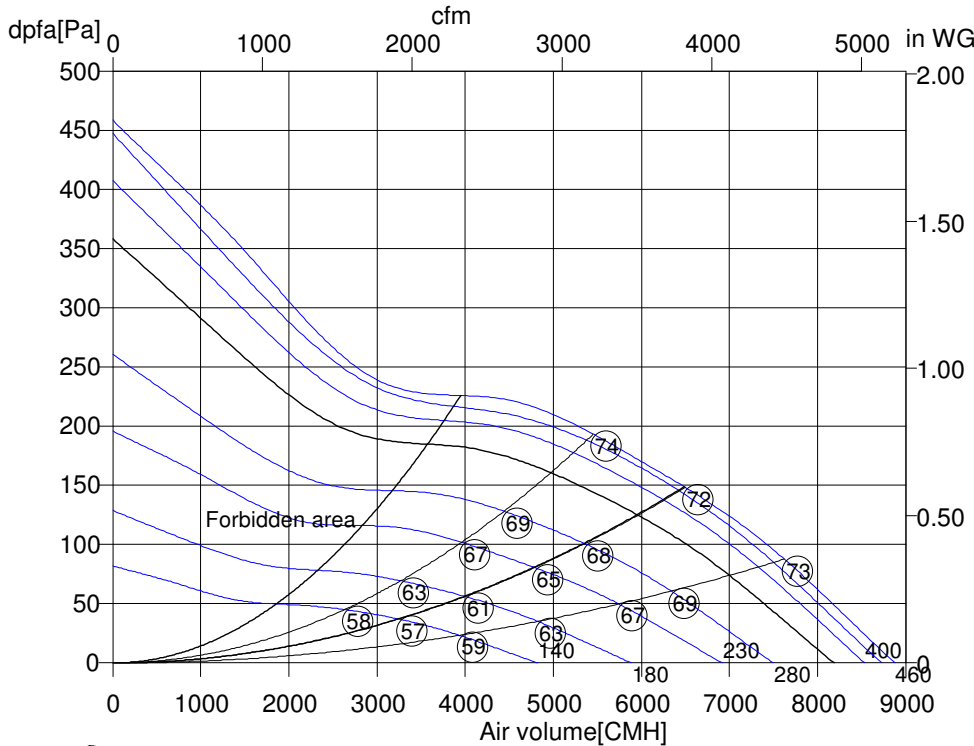


Tuesday, 16. February 2016



Axial fan

For refrigeration and air conditioning



○ Sound power level LwA5[dBA]

Data related to operating point

SFP=400 Ws/m³

Actual Requested
Operating point

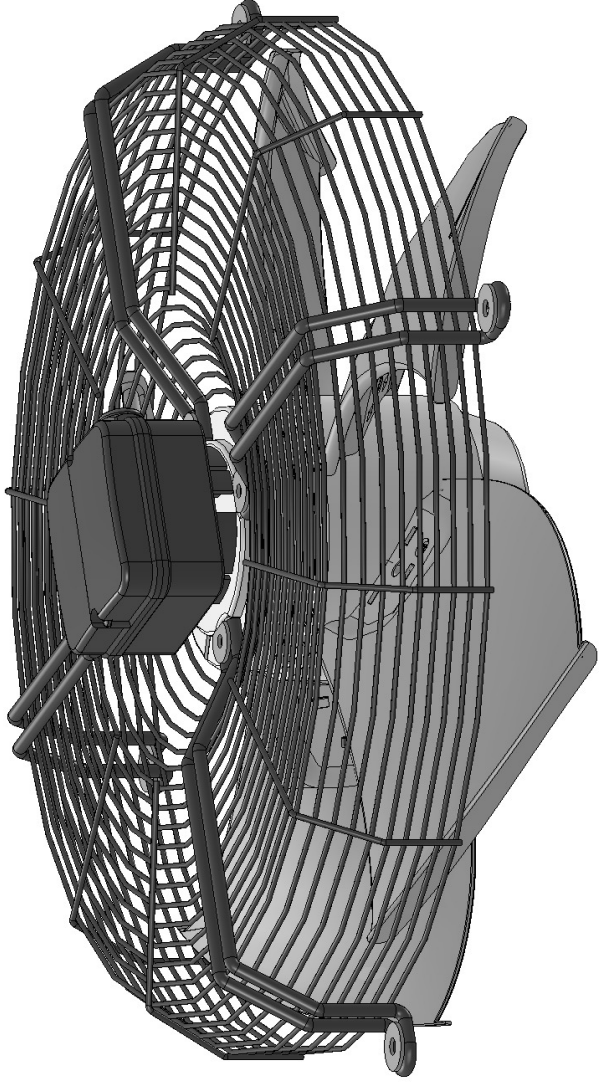
	460_D	440_D	400_D	280_D	230_D	180_D	140_D	359	
U[V]	460	440	400	280	230	180	140	359	
dV/dt[m ³ /h]	6489	6424	6248	5349	4783	3992	3244	5946	5946
dPt[Pa]	198	194	183	134	108	74.9	49.5	166	
dPfa[Pa]	149	146	138	101	80.9	56.3	37.2	125	125
I[A]	1.63	1.58	1.51	1.39	1.33	1.22	1.07	1.47	
P[kW]	0.803	0.777	0.725	0.534	0.429	0.312	0.212	0.661	
n[U/min]	1545	1529	1485	1272	1130	948	771	1414	

AKFD 500-4 G.5HA	
Art. No.	
U[V]	460 D
f[Hz]	60
P[kW]	0.90
I[A]	1.72
n[1/min]	1505
C[μF]	-
tR[°C]	65
dpst[Pa]	-
Delta I[%]	-
Ia/In	3.2
IP	54
Weight[kG]	
Wir. diag.	01.006
Overall eff [%]	35.0
Eff. Grade N	43
Power input [kW]	0.550
Air flow [m ³ /h]	5044
Press. [Pa]	137
Speed [1/min]	1324
Velocity [m/s]	7.02

Octave sound power level

f[Hz]	125	250	500	1000	2000	4000	8000	Sum
LwA5[dBA]:	56	59	63	65	64	59	55	70
LwA6[dBA]:	60	62	64	65	64	59	53	71

Hint: ErP-Data @ 50Hz-Type: AKFD 500-4 G.5HA



AKF_500_G_5HA_A3
17.02.2016 NA