

TECHNICAL DATA SHEET

RADIAL FAN nr. AFGG-25_06



G&G filtration CZ, s.r.o.

A Hrubínova 1903/9, 66451 Šlapanice, CZ
 IČ 05226953 IČ DPH CZ05226953
 E info@ggf.cz W www.ggf.cz

ITEM1

Document printed by Aeraulica - Dimensions and performances can be changed without prior notice

Type and characteristics of the requested machine				performance on		Outlet						
Flow rate	3000 [m3/h]	Capacity (Normal)				2795 [Nm3/h]						
Total pressure	2500 [Pa]	Static pressure										
Working fluid temperature	20 [°C]	Fluid specific weight				1.204 [Kg/m3]						
Installation altitude	0 asl [m]	Specific weight std (20 [°C], 0 asl [m])				1.204 [Kg/m3]						
Suggested model and effective characteristics				performance on		Outlet						
Model	RM 400/2-I	Execution	E04	Installation Type	A (free inlet and outlet)							
Fluid specific weight	1.204	1.204 [Kg/m3]		Revolution fan speed		2940	[rpm]					
Total pressure	2653	2653 [Pa]		Orientation		RD 0						
Static pressure	2576	2576 [Pa]		Sound power LwA		98.02	[dB(A)]					
Flow rate	3000	3000 [m3/h]		Sound pressure at mt.1.5 1/2 sf in open field		84.72	[dB(A)]					
Capacity (Normal)	2795	2795 [Nm3/h]		Pipings	s>3mm = +3dB; 1mm<s<3mm = +4,5dB; s<1mm = +6dB							
Power dem. at shaft	2.818	2.818 [kW]		Fan efficiency	Outlet	78.45	%					
Motor power demand	2.818	2.818 [kW]										
Characteristics of chosen motor				Motor efficiency IEC 60034-30			IE3					
Code	112M02-50/std3	shape	B3	Efficiency	88.1	89.1	88.7	PD ² impeller	0.8	kgm ²		
Rated power	4.0 [kW]	n° poles	2	rpm	2945	Load	100%	75%	50%	PD ² needed	0.8	kgm ²
										PD ² motor	3.2	kgm ²
ErP 2009/125/CE Regulament (UE) N. 327/2011				Notes								
Efficiency grade	64			N	75.1	Total efficiency	70.17 %					
Impeller type	backward blades	Type of test	B/total	Flow rate	3393.75 [m3/h]	Pressure	2419 [Pa]					
NOTE				Performance on Outlet RM 400/2-I - E04 - D=0.4[m] - ρ=1.204[kg/m ³] - T=20[°C] - 0[m]a.s.l.								
Rpm Limit	<=60 °C: 3750 Rpm			H _r , H _{st} [Pa]				Na [kW]	η _T [%]	[dB(A)]		
values of the noise of fan obtained in ambient not reverberant with inlet and outlet ducts fully insulated												

TECHNICAL DATA SHEET

RADIAL FAN nr. AFGG-25_06



G&G filtration CZ, s.r.o.

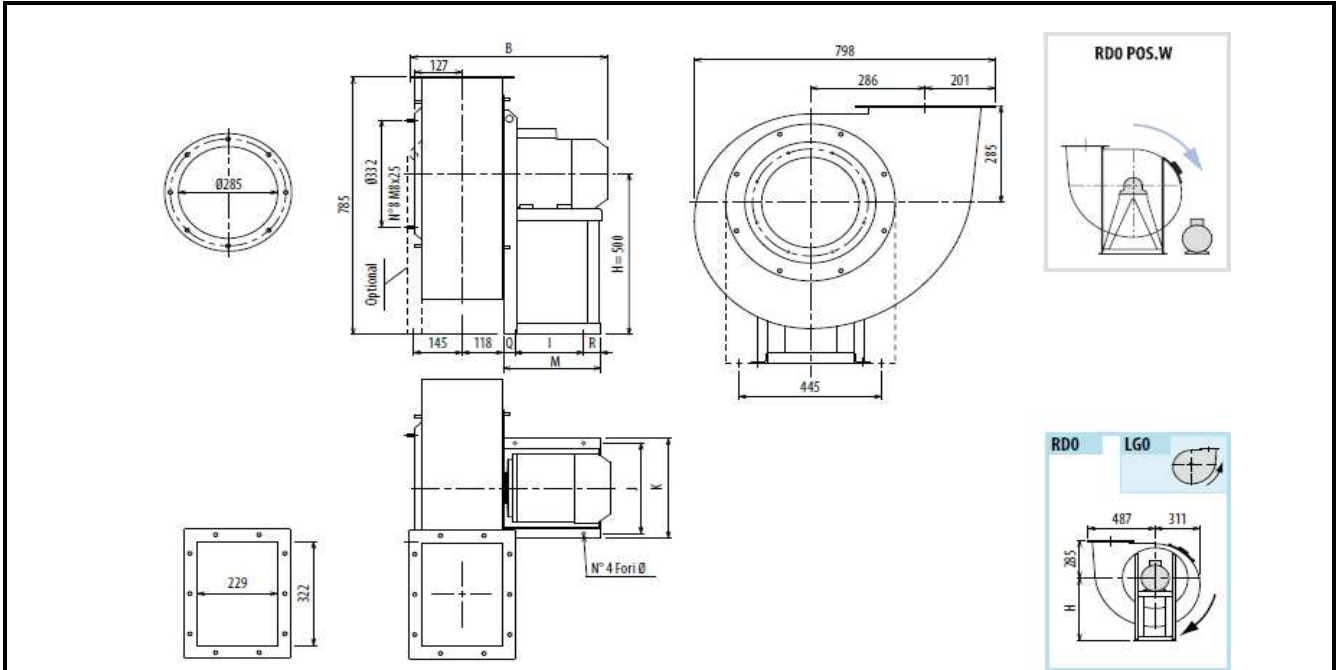
A Hrubínova 1903/9, 66451 Šlapanice, CZ

IČ 05226953 IČ DPH CZ05226953

E info@ggf.cz W www.ggf.cz

ITEM1

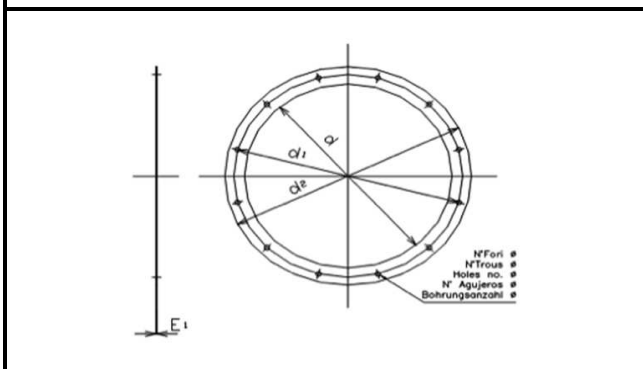
Document printed by Aeraulica - Dimensions and performances can be changed without prior notice



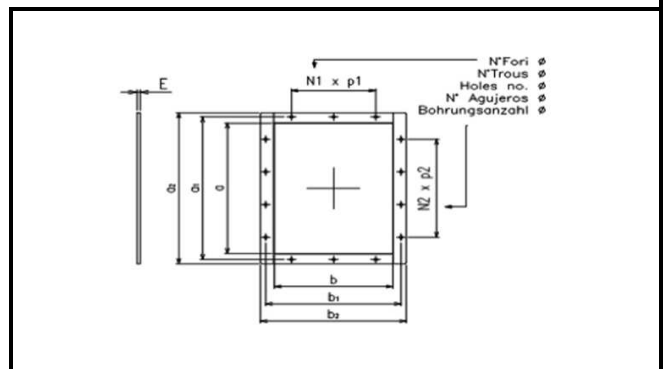
Indicative measures in the standard configuration. For detailed information contact your reference.

Indicative value of weight including standard motor.

B	I	H	H1	H2	J	K	Q	R	M	Φ	PD2	kg
606	197	500	285	500	289	324	34	54	285	12	0,8	93



Cod	dxn°	d1	d2	Φ	E1
0285 A	285x8	332	365	12	4



Cod	axb	a1	b1	a2	b2
0322x0229	322x229	366	273	402	309

N1xp	N2xp	n°	Φ	E
1x125	2x125	10	12	4