



	Destination Note Delivery coterm ickaging ayment	TOTAL		
		Signature		

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Type and characteristics of the requested machine				performance on		Outlet	
Flow rate	149843	[m3/h]		Capacity (Normal)		120000	[Nm3/h]
Total pressure				Static pressure		2100	[Pa]
Working fluid temperature 51 [°C] Installation altitude 0 asl [m]				Fluid specific weight		1.035	[Kg/m3]
				Specific weight std		1.204	[Kg/m3]
Temperature	51	20	[°C]	Model Select :d		GF 1800R-I	
Altitude	0	0	[m]				
Humidity	100	0	[%]	Installation Type	D - Ducted i	Execution	E08
Fluid specific weight	1.035	1.204	[Kg/m3]	Revolution fan speed		let and ducted outlet	
Total pressure	2562	2981	[Pa]	Orientation		910	[rpm]
Static pressure	2146	2497	[Pa]			RD 0	
Flow rate	149843	149843	[m3/h]	Fan efficiency		Outlet	
Capacity (Normal)	120000	136011	[Nm3/h]				
Power dem. at shaft	123.719	143.948	[kW]			83.96	
Motor power demand	124.274	144.503	[kW]			%	
Characteristics of chosen motor				Motor efficiency IEC 60034-30		PD ² impeller	1130.0 kgm ²
Code	355A06-50/sm3P	shape	B3	Efficiency	96 96 96	PD ² needed	kgm ²
Rated power	160 [kW]	n° poles	6 rpm 990	Load	100% 75% 50%	PD ² motor	790 kgm ²

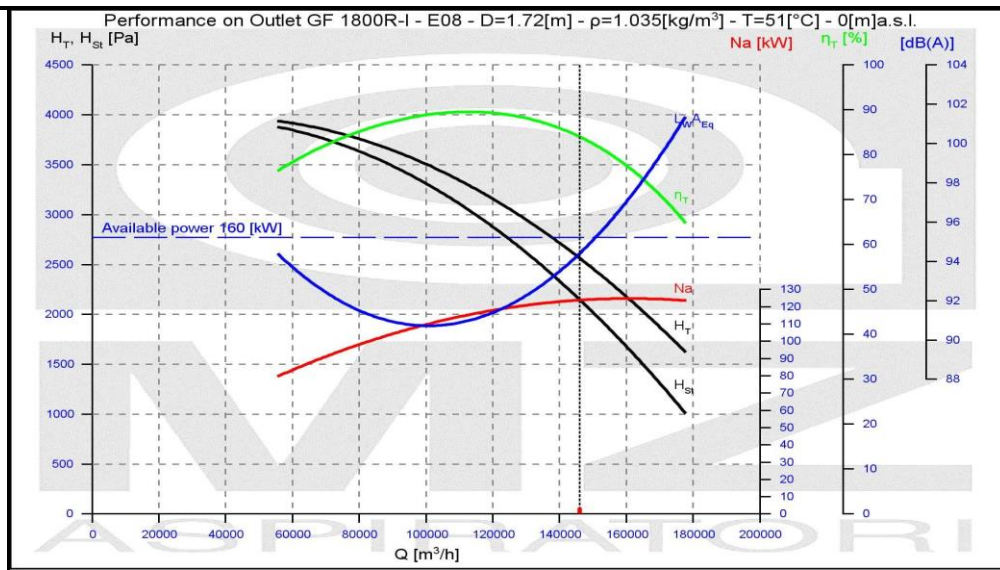
ErP 2009/125/CE Regulament (UE) N. 327/2011

Notes Art.1-3-c-iv Abrasive

Efficiency grade	N	Total efficiency	%
Impeller type	Straight wing profile for dust	Type of test	Flow rate
			Pressure

NOTE

Rpm Limit 1225 Rpm



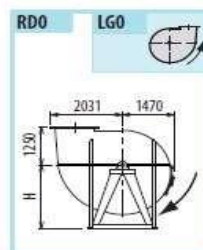
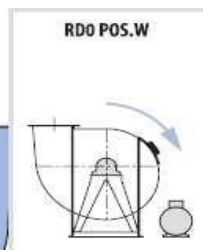
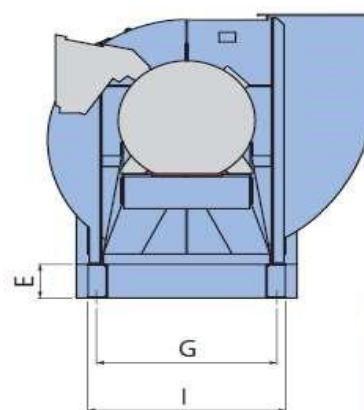
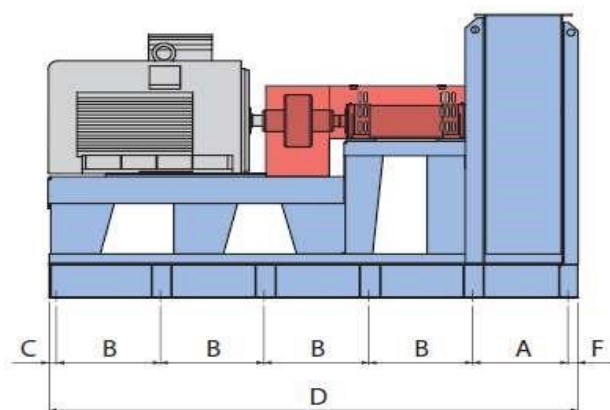
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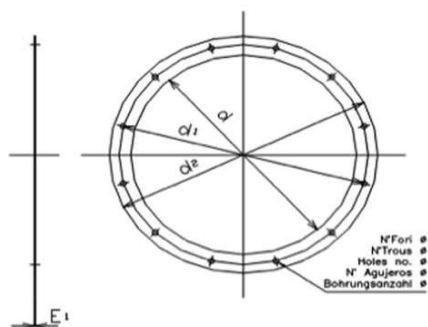
Main items									
Fan	GF 1800R-I	EXECUTION E08	[rpm]	910					
	Orientation RD 0	160 [kW]	n° poles 6	50 [Hz]	B3	G.	355		
Motor	Techtop kW 160 6P 400/690V 50Hz IE3 - PTC								
Accessories									
PI	Inspection door								
GC	Hot Gases execution (impeller for motor cooling)								
TS	Drying plug + Additional cost for drain plug INOX 304-316								
CHS	Complete welded casing								
SA	Front support fixed at the inlet cone								
MSE	Assembling and testing fan with specialities								
GPD	Straight wing profile for dust - GF1800								
TNV	Single gasket VITON + Additional cost for Single seal INOX 316								
C2M	Extra for casing divided in 2 parts								
FSTD	Standard fan painting RAL 5010								
FPG	INOX peening for impeller								
AV	Shock absorbers - AVC-120								
BAS	Basement - BAS1800TR								
GE	Coupling with flexible collar element, Bore with key - GEP 4000N-140								
INV	Fan operation by Converter								
CFA	Counter flange for inlet side - 1420 A + Extra for inlet counter flange INOX 316								
GA6	Antivibration inlet joint with conveyor - 1420 A + Extra Antivibration inlet joint with conveyor INOX 316								
CFP	Outlet counter flange - 1421x1007 + Extra for outlet counter flange in INOX316								
GP6	Antivibration outlet joint with conveyor - 1421x1007								
PCT_I	Additional cost for INOX 316: parts in contact with fluid								
MS_GC	Double bearings units for High Temperature - SN-524								
	Class I - D: 1.72 [m]								
	51 [°C], 0 asl [m], 1.035 [Kg/m3]								



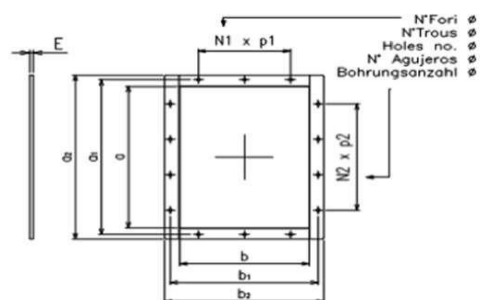
Indicative measures in the standard configuration. For detailed information contact your reference. Indicative value of weight including standard motor.

BxN°	C	E	F	G	I	A	D	H	H1	H2	H3	H4
590x5	49	250	65	1830	1950	1192	4256	1650	1250	2120	1570	1400

H5	H6	PD2	kg									
1320	1800	1105	5441.8									



Cod	dxn°	d1	d2	Φ	E1
A	1420x32	1491	1540	17	6



Cod	axb	a1	b1	a2	b2
1421x1007	1421x1007	1501	1087	1561	1147



N1xp	N2xp	n°	Φ	E	
4x200	6x200	24	18	10	

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