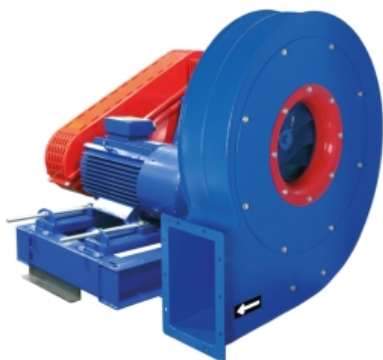


AATVG/N 500 (std) (5067050 __R__)

GENERAL DATA



HIGH PRESSURE WITH BACKWARD IMPELLER AND BELT TRASMISSION

MANUFACTURING FEATURES:

- Fan made of Fe360 sheet. The fan paint finish is based on a Qualicoat polyester powder coating stoved at 200°C, with an average film thickness of 70 microns. Average heat resistance of coating is 180°C with peaks of 200°C.
- Fully welded housing.
- High efficiency simple inlet backward impeller with self-cleaning system made of Fe360 sheet statically and dynamically balanced. Impellers are painted with polyester primer that resists temperatures up to 300°C.
- Motorized fan with base frame (configuration 12). Full equipped fans including: motor, pulleys, belts, belts guard and shaft guard. Fitted over a base plate. IE4 motors for 75kW power or higher.
- It allows adjusting the orientation locally from models 450 to 630. Models sizes from 710 to 1000 size the orientation is fixed.
- Available positions (to be indicated in case of order): LG270, LG0, LG45, LG90, LG135, LG180, LG225, LG315, RD0, RD45, RD90, RD135, RD180, RD225, RD270, RD315.
- The indicated codes correspond to the model in position LG270

APPLICATIONS:

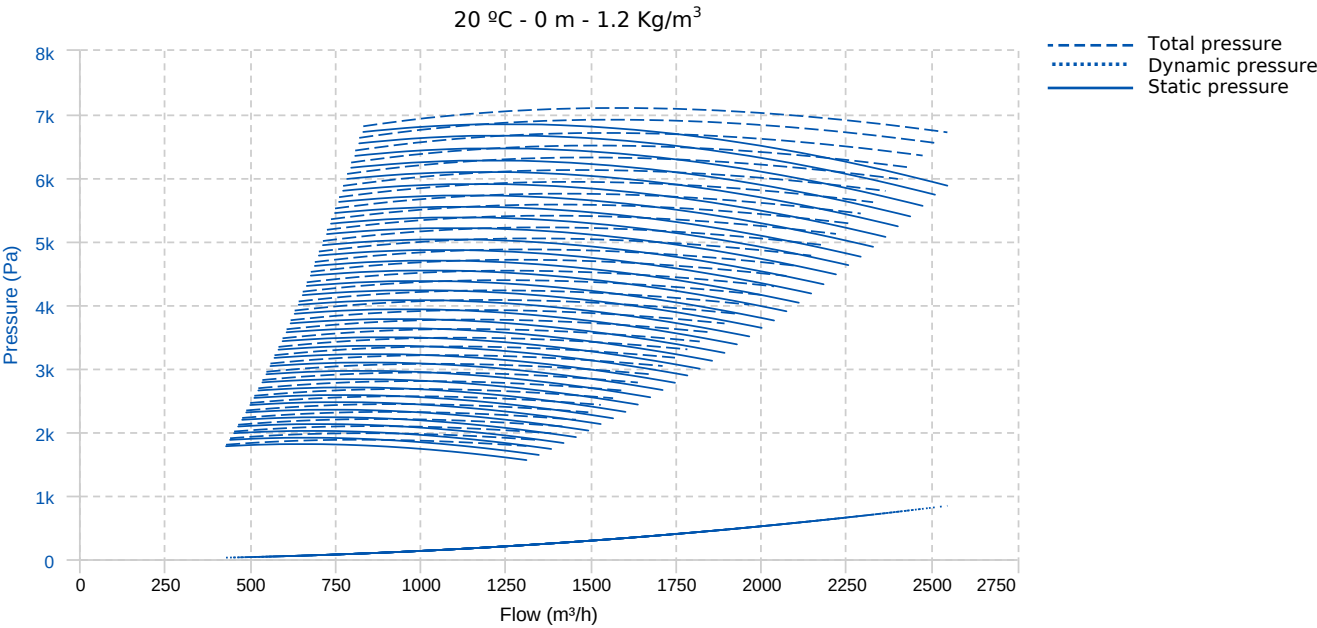
Designed for inline installation, they are suitable for:

- Industrial applications, extraction or injection of air.
- Cooling of machines and parts.
- Exhaust after filters, separators and cyclones.
- Pneumatic transport.
- Slightly dusty air transport.
- Maximum working temperature: carried air: 200°C, ambient: 60°C.

UNDER REQUEST

- Fans for 60Hz and special voltages.
- 2 speed motor.
- Fan with free shaft (configuration 1) or with motor supported on the pedestal side (configuration 9).
- C4 coating painting
- Hot dip galvanized
- Special steel (Cor-Ten A, Hardox...)
- Inox 304 (normal or electropolished finish)
- Inox 316 (normal or electropolished finish)
- Cooling wheel
- Anticaloric paint
- Reinforced housing
- Fully welded housing (waterproof)
- Insulated housing
- Split casing (for big sizes)
- Inspection door to facilitate maintenance and cleaning
- Drain plug.
- Airtight axle
- Frontal foot
- Double suction flange
- Available in non-sparking air passage and standard motor.
- Other brands of motors.

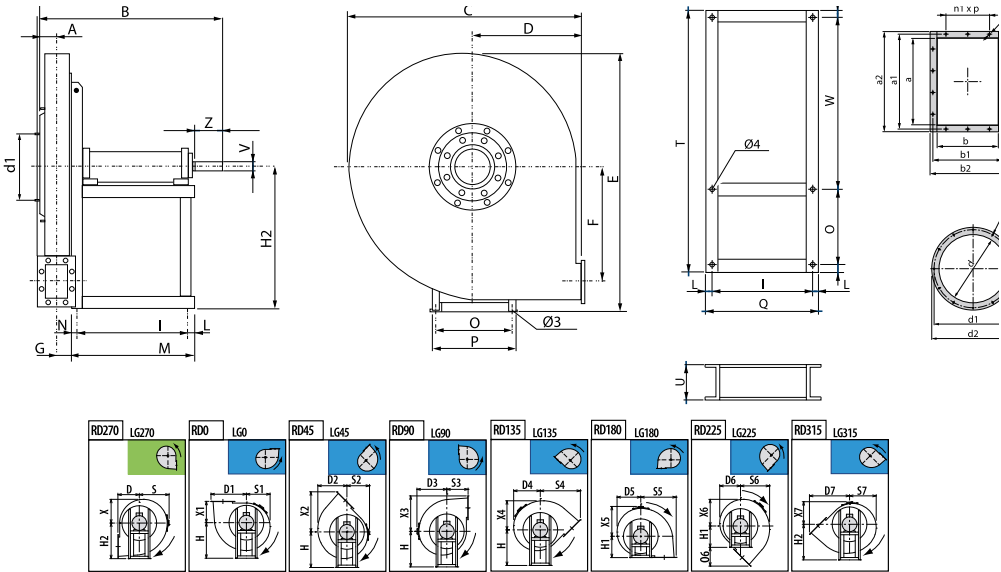
PERFORMANCE CURVE



TECHNICAL DATA

Fan					
RPM	-	Approx. weight	- kg	Max. Flow	2550 m ³ /h

DIMENSIONS



Dimensions (mm)									
A	71	B	734	C	745	D	335	D1	436

Dimensions (mm)									
D2	386	D3	410	D4	370	D5	344	D6	350
D7	546	E	794	F	318	G	63	H	450
H1	335	H2	450	I	407	L	28	M	485
N	50	N1xØ1	Nº8 M6x20	N2xØ2	6x12	O	355	O6	211
P	400	Q	463	R	23	S	410	S1	344
S2	350	S3	335	S4	546	S5	436	S6	386
S7	370	T	1180	U	120	V	38	W	780
X	344	X1	335	X2	546	X3	436	X4	386
X5	410	X6	370	X7	350	Z	80	a	166
a1	200	a2	236	b	117	b1	151	b2	187
d	228	d1	265	d2	298	n2xp	1x112	Ø3	14
Ø4	14								

WIRING DIAGRAM

