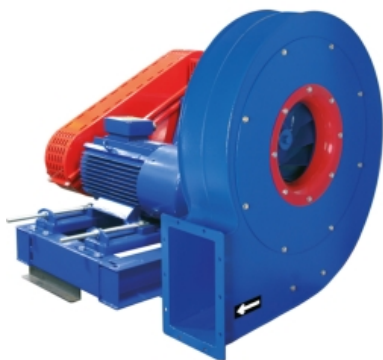


AATVG/N 560 (std) (5067056 __R__)

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:

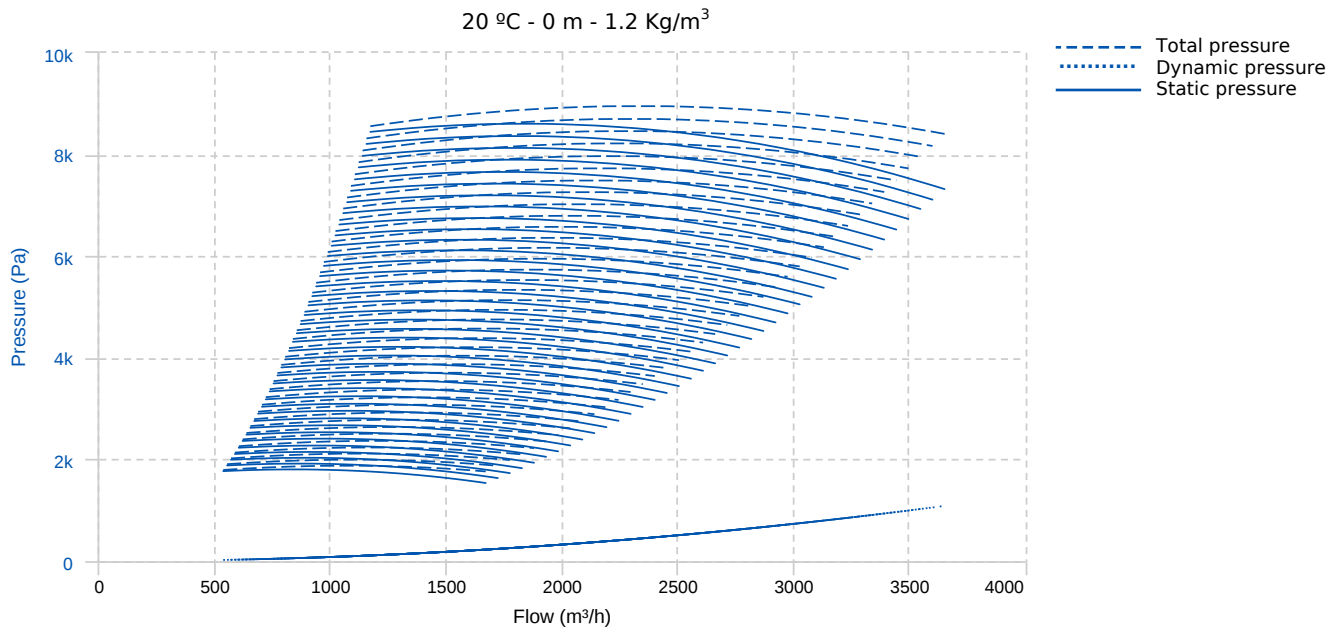
Designed for inline installation, they are suitable for:

- 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

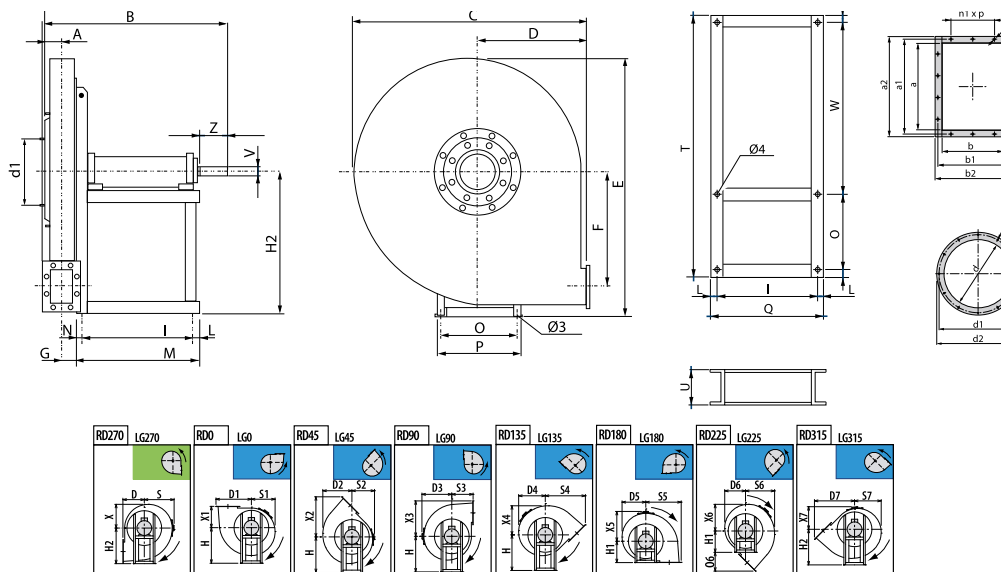


TECHNICAL DATA

Fan

RPM	-	Approx. weight	- kg	Max. Flow	3660 m ³ /h
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DIMENSIONS



Dimensions (mm)

A	78	B	850	C	835	D	375	D1	488
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Dimensions (mm)									
D2	438	D3	460	D4	418	D5	393	D6	392
D7	613	E	893	F	360	G	71	H	500
H1	375	H2	500	I	477	L	33	M	560
N	50	N1xØ1	Nº8 M8x25	N2xØ2	6x12	O	364	O6	238
P	418	Q	543	R	27	S	460	S1	393
S2	392	S3	375	S4	613	S5	488	S6	438
S7	418	T	1250	U	160	V	42	W	832
X	393	X1	375	X2	613	X3	488	X4	438
X5	460	X6	418	X7	392	Z	110	a	185
a1	219	a2	255	b	131	b1	165	b2	201
d	255	d1	292	d2	325	n2xp	1x112	Ø3	17
Ø4	17								

WIRING DIAGRAM

