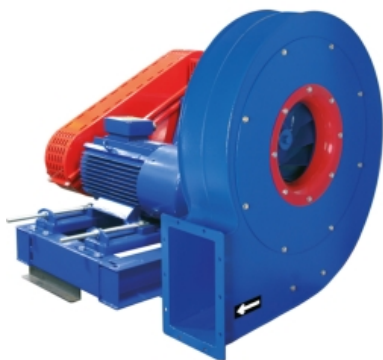


AATVG/N 630 (std) (5067063 __R__)

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:

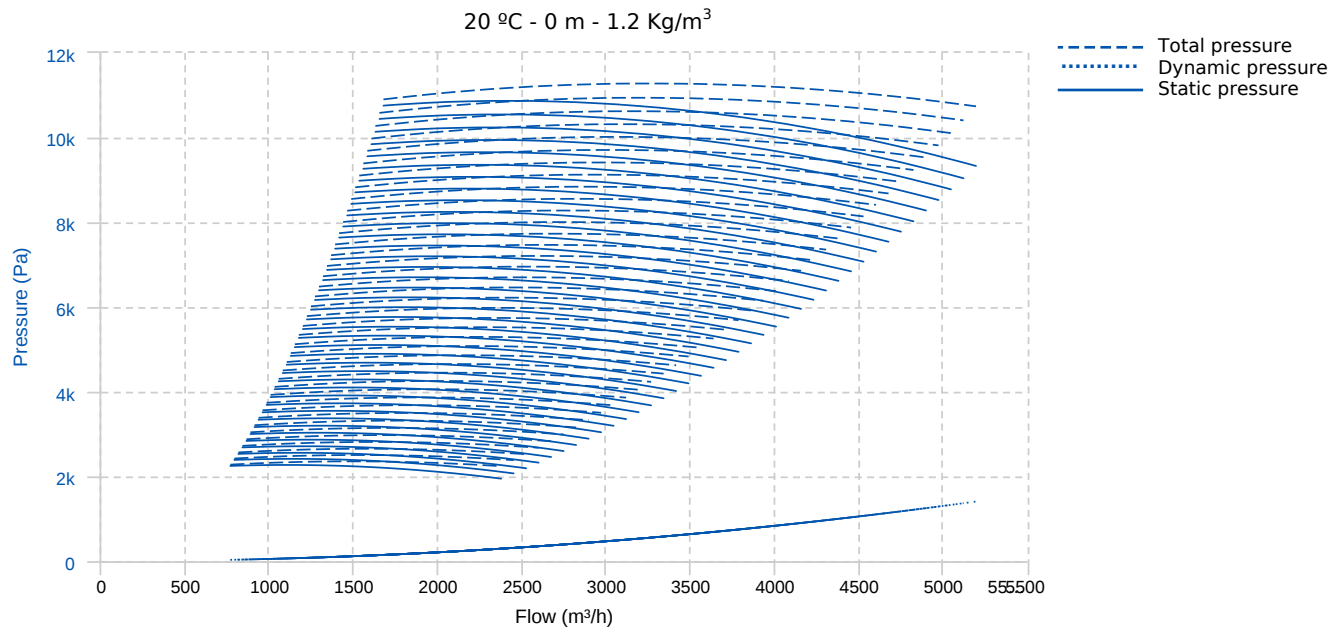
Designed for inline installation, they are suitable for:

- 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

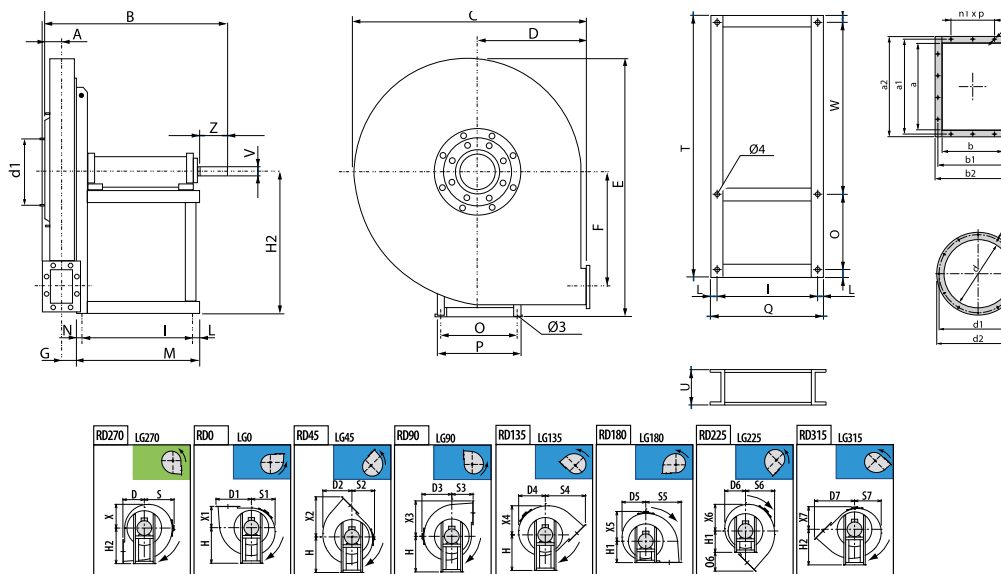


TECHNICAL DATA

Fan

RPM	-	Approx. weight	- kg	Max. Flow	5200 m³/h
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DIMENSIONS



Dimensions (mm)

A	86	B	868	C	940	D	425	D1	545
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Dimensions (mm)									
D2	493	D3	515	D4	472	D5	441	D6	438
D7	688	E	1001	F	406	G	79	H	560
H1	425	H2	560	I	477	L	33	M	560
N	50	N1xØ1	Nº8 M8x25	N2xØ2	8x12	O	364	O6	263
P	418	Q	543	R	27	S	515	S1	441
S2	438	S3	425	S4	688	S5	545	S6	493
S7	472	T	1250	U	160	V	48	W	832
X	441	X1	425	X2	688	X3	545	X4	493
X5	515	X6	472	X7	438	Z	110	a	207
a1	241	a2	277	b	148	b1	182	b2	218
d	285	d1	332	d2	365	n1xp	1x112	n2xp	1x112
Ø3	17	Ø4	17						

WIRING DIAGRAM

