

AATVP 500 (std) (5069050 __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 400 to 630. Models sizes from 710 to 1120 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:

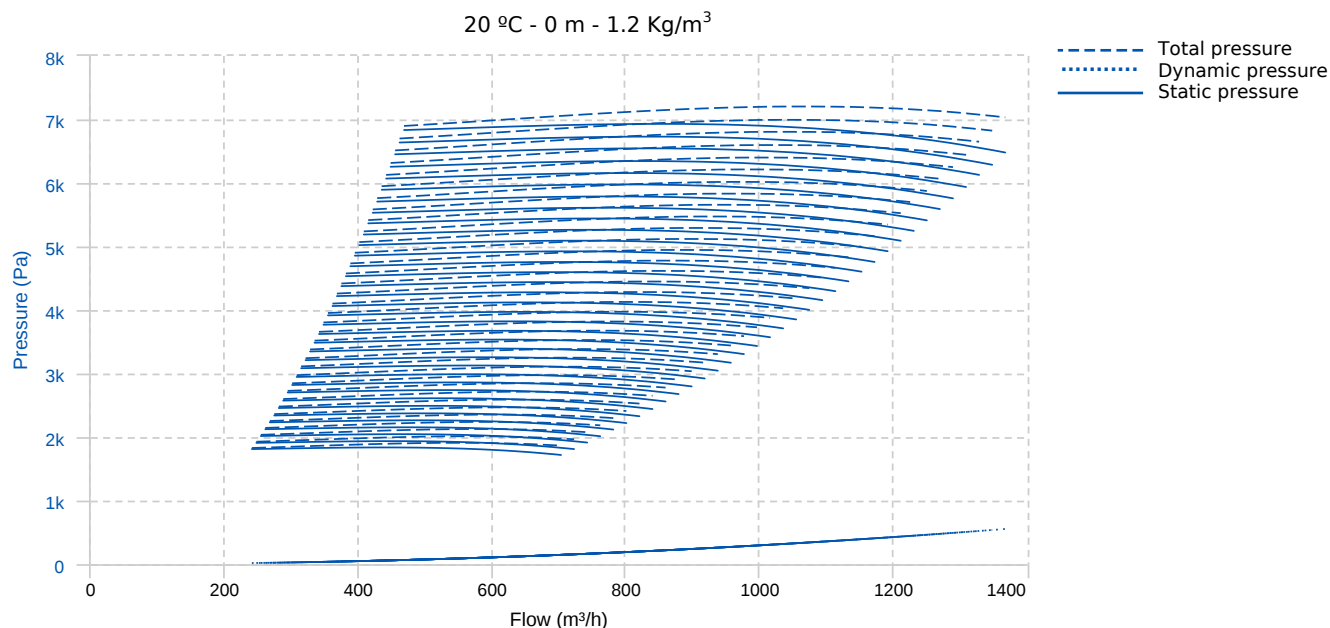
Designed for inline installation, they are suitable for:

- 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: 130°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

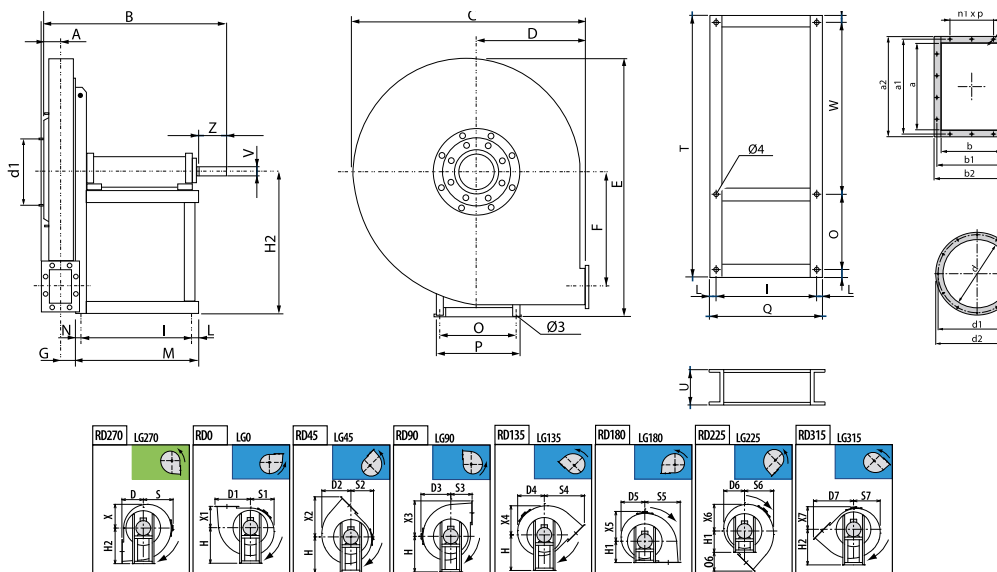


TECHNICAL DATA

Fan

RPM	-	Approx. weight	- kg	Max. Flow	1370 m³/h
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DIMENSIONS



Dimensions (mm)

A	57	B	687	C	745	D	335	D1	430
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Dimensions (mm)									
D2	386	D3	410	D4	370	D5	346	D6	350
D7	541	E	796	F	334	G	52	H	450
H1	450	H2	450	I	407	L	28	M	485
N	50	N1xØ1	Nº8 M6x20	N2xØ2	6x10	O	355	O6	206
P	400	Q	463	R	23	S	410	S1	346
S2	350	S3	335	S4	541	S5	430	S6	386
S7	370	T	1060	U	120	V	28	W	660
X	346	X1	335	X2	541	X3	430	X4	386
X5	410	X6	370	X7	350	Z	60	a	131
a1	165	a2	191	b	95	b1	129	b2	155
d	185	d1	219	d2	250	n2xp	1x100	Ø3	14
Ø4	14								

WIRING DIAGRAM

