

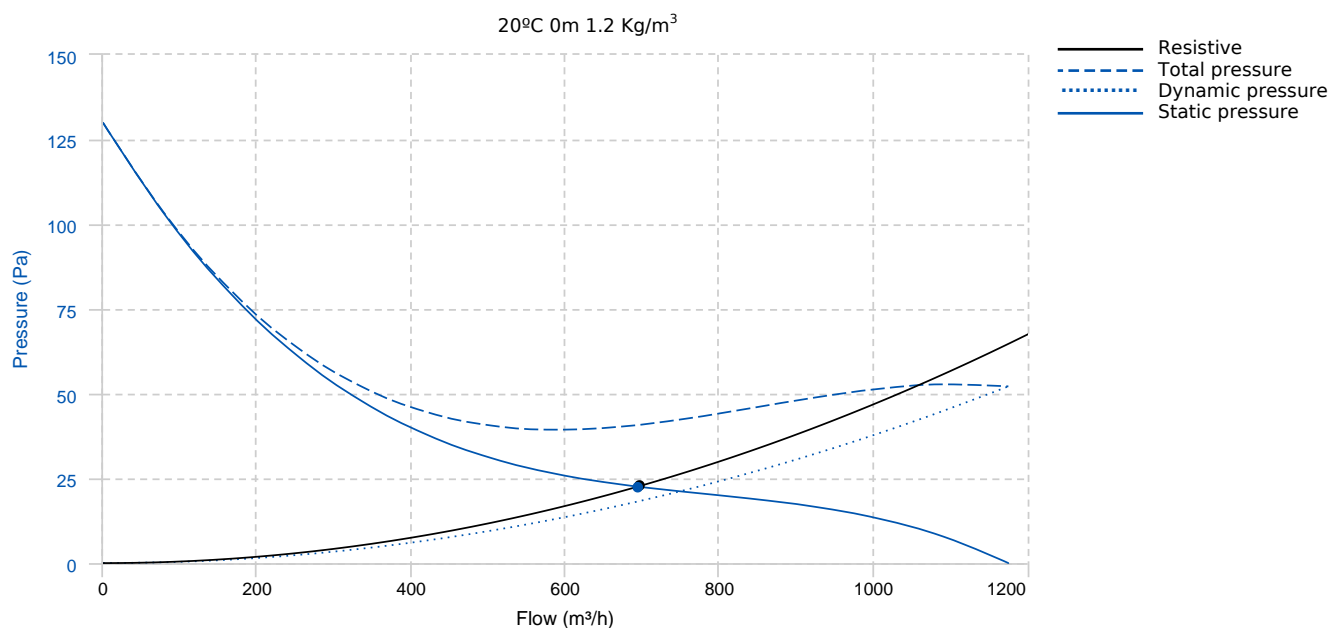
VORT-E 254 T ATEX II 2G/D h T3/125°C X Gb/Db (40325)

GENERAL DATA



- Frame with port and grille made of pressed steel, pickled and phosphated, and treated initially with epoxy base coat; thereafter, grey textured finish obtained by applying a coat of polyurethane powder paint strengthened by oven baking.
- 1 speed asynchronous single phase (M) or three phases (T) AC motor with shaft turning in double shielded ball bearings, size to UNEL MEC standard, flange B35, manufactured employing methods and materials suitable for use in environments with potentially explosive atmospheres, according to Explosion Protection standards EN ISO 80079-36:2016; EN 14986:2017.
- Impeller with aluminium hub and blades of antistatic nylon filled with glass fibre.
- Aluminium cooling fan.
- Pressed steel motor cover.
- Metal cable glands for electrical connection.
- IMQ-certified for use in areas at risk of explosion due to presence of gas and dust:
- IMQ 10 ATEX 029 X; GR II cat. 2G/D h T3/125 X

PERFORMANCE CURVE



Design point

Flow (m³/h)

697.88

Pressure (Pa)

22.83

Service point

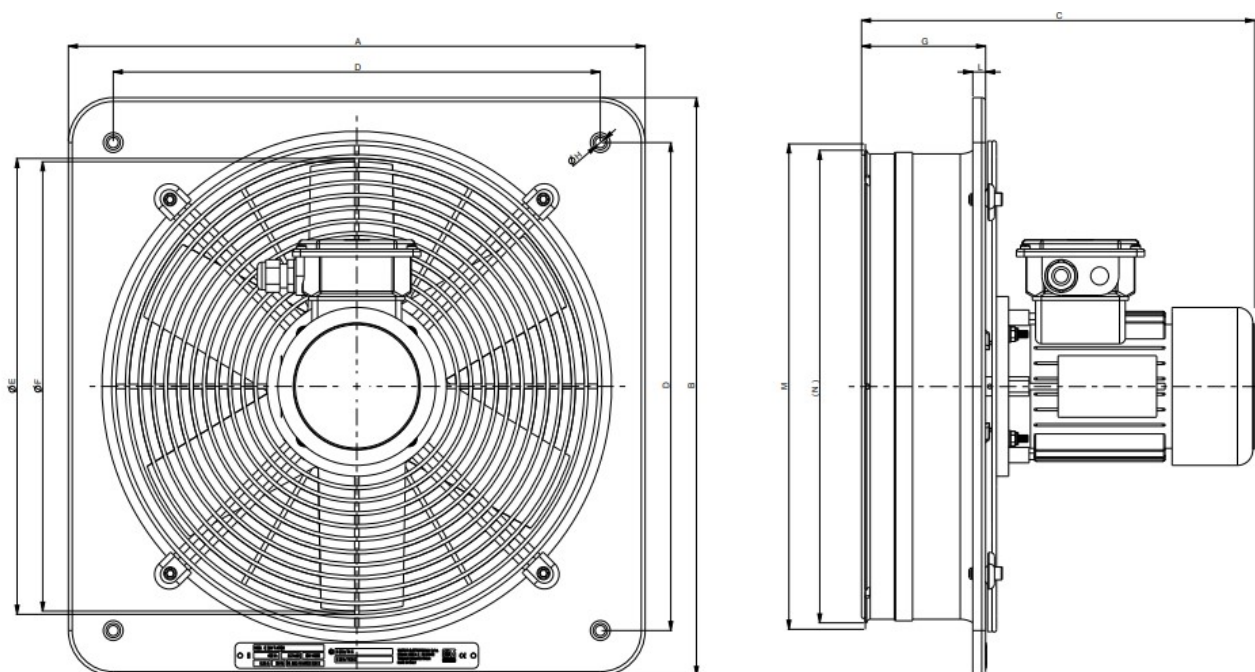
T.max (°C)	40	Q (m³/h)	694.04	Ps (Pa)	22.58	Pd (Pa)	18.2
Pt (Pa)	40.78	Speed (m/s)	5.51	Fan total efficiency	9.85	Pabs (kW) 1.2 kg/m³	0.08
SFP (W/l/s) 1.2 kg/m³	0.44						

TECHNICAL DATA

Fan

RPM	-	Approx. weight	7 kg	Max. Flow	1175 m³/h
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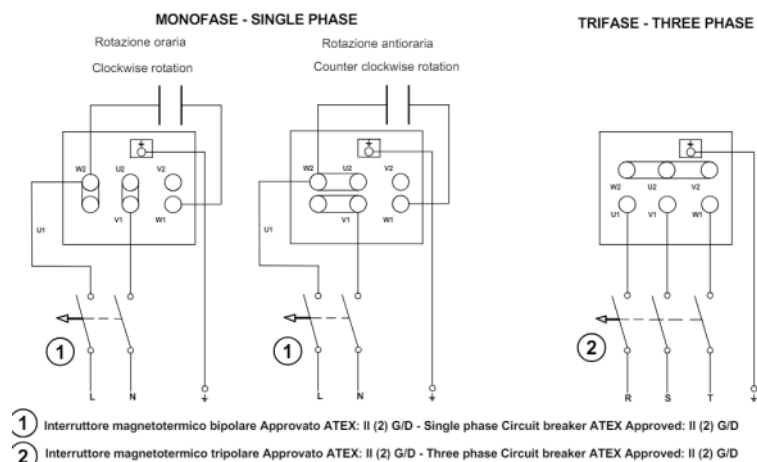
DIMENSIONS



Dimensions (mm)

A	320	B	320	C	305	D	280	E	256
F	250	G	95	H	8	L	10	M	274
N	264								

WIRING DIAGRAM



ACCESSORIES



GV
GV2 ME04
REF: 21113