

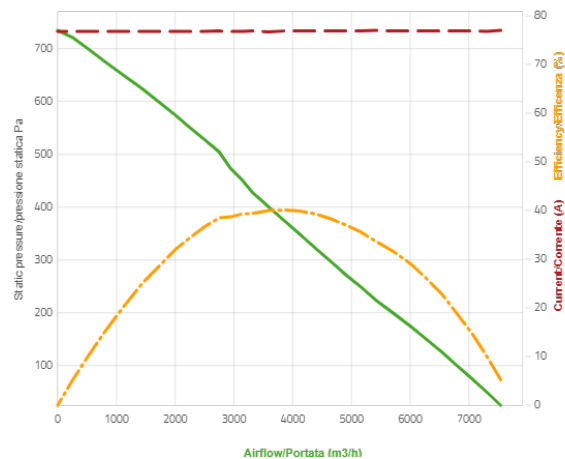
# BRUSHLESS AXIAL FANS

## VA164-ABL1002HT/R-124A

IP6K9K



## Performance diagram



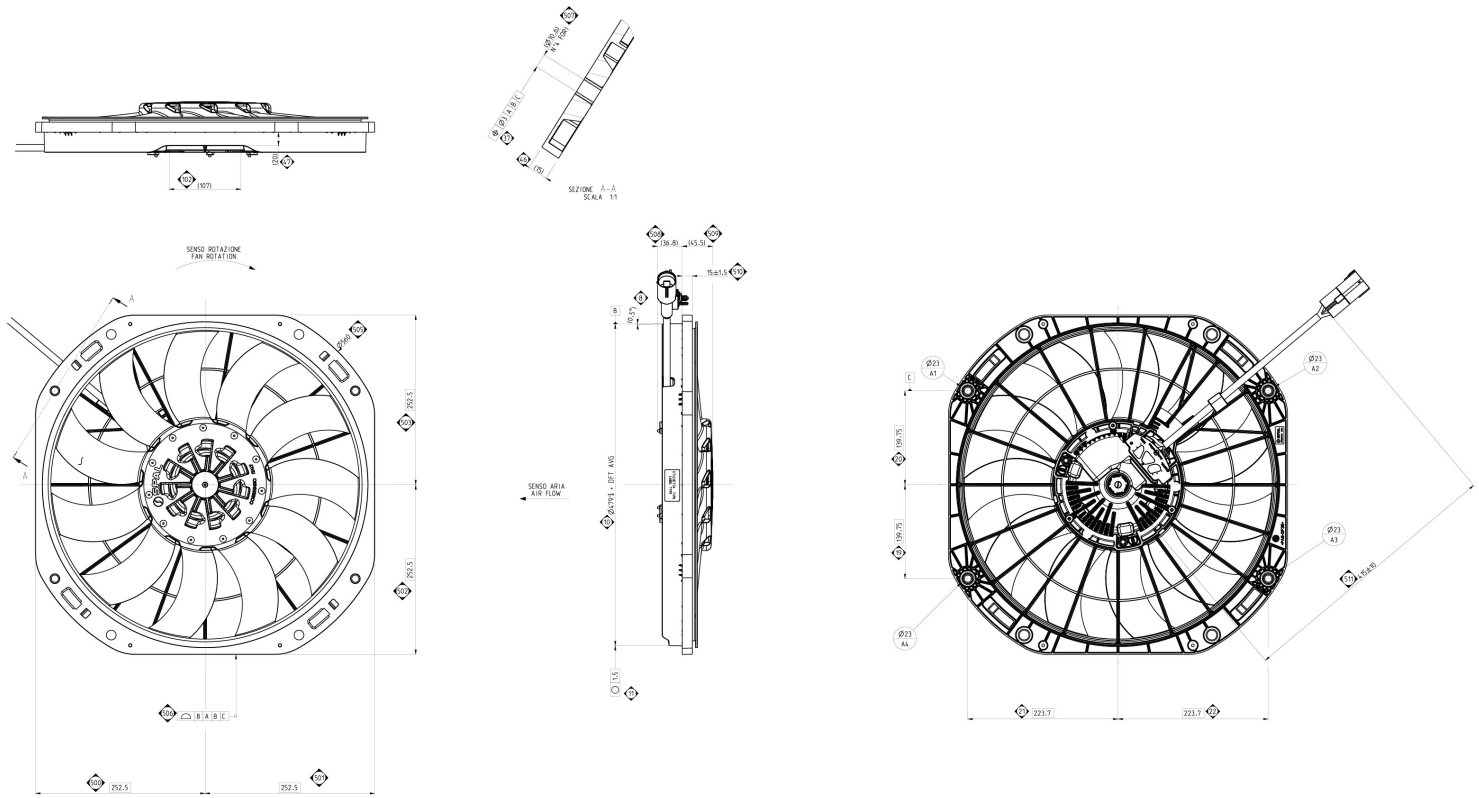
Pressure: 1 Pa = 0,004 inH<sub>2</sub>O Airflow: 1 m<sup>3</sup>/h = 0,59 cfm

## Features

Max fan speed	rpm	3,400 +2% The drive has a software feature limiting the fan speed in order not to exceed the max power of 1 kW, The max speed can be reduced (from 3,400 RPM) based on the temperature and pressure conditions
Min fan speed	rpm	800 +/- 2%
Sound pressure level	dBa	86 +/- 0,5 - at 1 m from the fan module - lateral side
Weight	kg	5,9 +/-5%
Operating supply voltage range	V	8 .. 16,5 at the Drive connector
Supply voltage to reach max speed	V	13 .. 16,5 at the Drive connector
Operating ambient temperature range	°C	-40 .. +125
Speed derating threshold	°C	+115(*)

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Max fan speed	rpm	3,400 +2% The drive has a software feature limiting the fan speed in order not to exceed the max power of 1 kW, The max speed can be reduced (from 3,400 RPM) based on the temperature and pressure conditions
Storage temperature range	°C	-40.. +125
Lifetime	h	up to 40000 hours depending on mission profile
Time from 0 rpm to max speed	s	22
Load dump protection ( Pulse 5b )	V	35 - Pulse peak voltage ( Us* ) - ISO16750 - 2:2010
Reverse polarity protection		ISO 16750-1 functional status class C, device fully functional after connecting the polarity
<p>Notes(*): Few minutes ambient temperature transients do not engage the derating owing to the thermal inertia of the system. Overloads may anticipate derating.</p>		



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