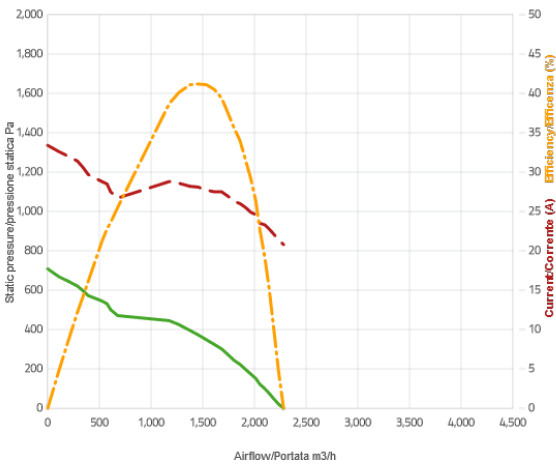


# BRUSHLESS AXIAL FANS

VA109-ABL321P/N-109A/SH



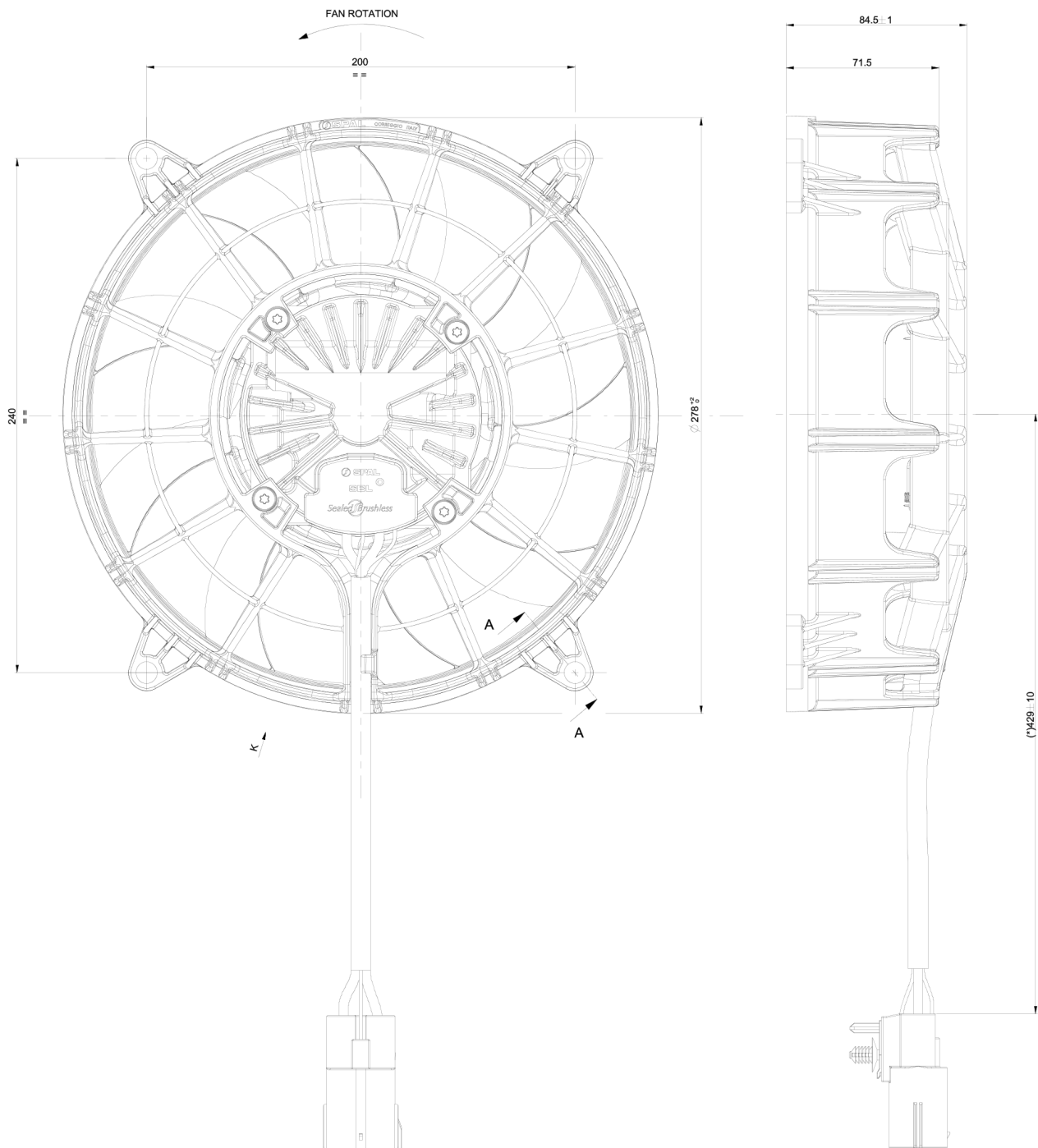
Pressure: 1 Pa = 0,004 inH2O    Airflow: 1 m3/h = 0.59 cfm

## Features

Max fan speed	rpm	4000
Min fan speed	rpm	100
Sound pressure level	dBA	75,6 - at 1 m
Weight	kg	2
Operating supply voltage range	V	9 .. 16 at the Drive Connector
Supply voltage to reach max speed	V	13 .. 16 at the Drive Connector
Operating ambient temperature range	°C	-40 .. +115
Speed derating threshold	°C	+105(*)

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Max fan speed	rpm	4000
Storage temperature range	°C	-40 .. +125
Lifetime	h	up to 40000 hours depending on mission profile
Time from 0 rpm to max speed	s	14
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
Notes(*): Few minutes ambient temperature transients do not engage the derating owing to the thermal inertia of the system. Overloads may anticipate derating.		



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