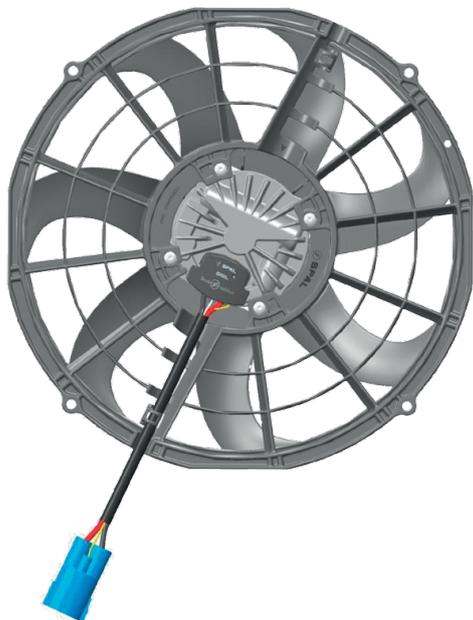
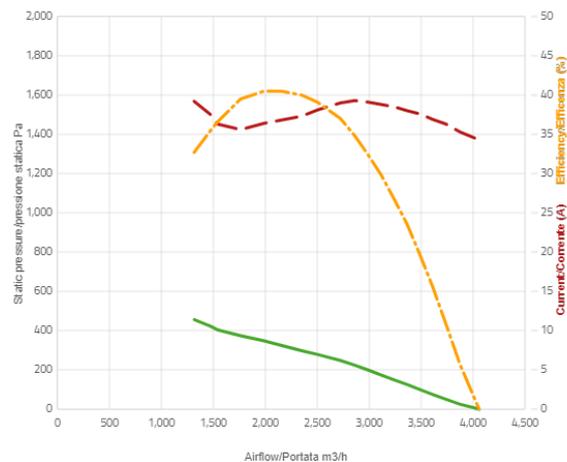


# BRUSHLESS AXIAL FANS

## VA116-ABL505P-105A



## Performance diagram



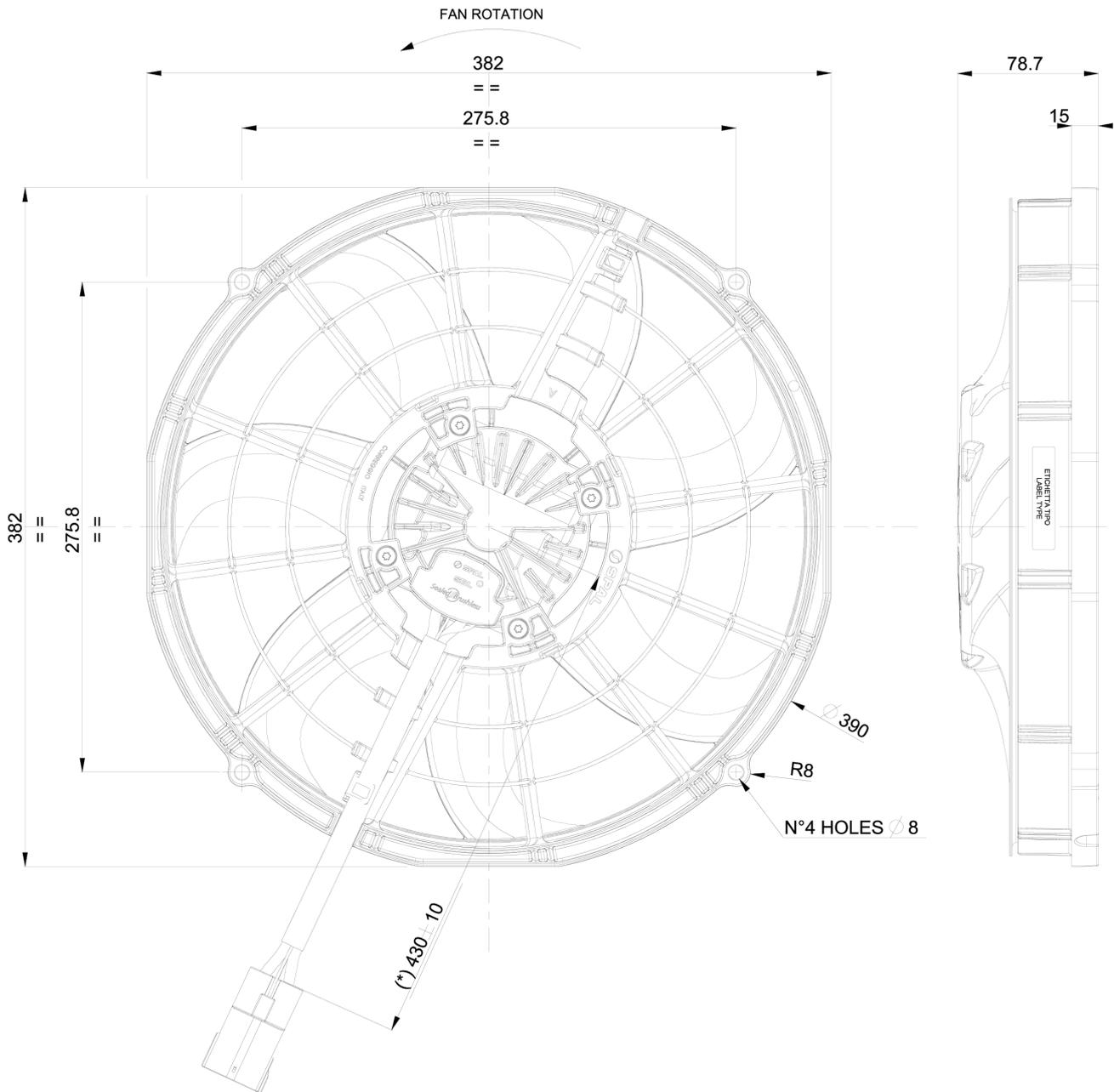
Pressure: 1 Pa = 0,004 inH<sub>2</sub>O    Airflow: 1 m<sup>3</sup>/h = 0.59 cfm

## Features

Max fan speed	rpm	3300
Min fan speed	rpm	800
Sound pressure level	dB(A)	77,2 - at 1 m
Weight	kg	2,80
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 .. +120
Speed derating threshold	°C	105 (*)
Storage temperature range	°C	-40 .. +125

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Max fan speed	rpm	3300
Lifetime	h	up to 40000 hours depending on mission profile
Time from 0 rpm to max speed	s	17
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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