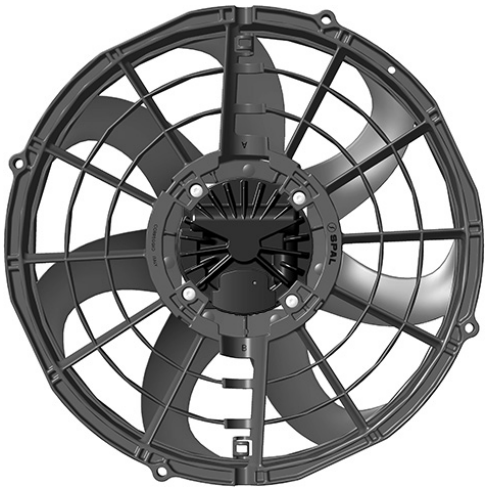
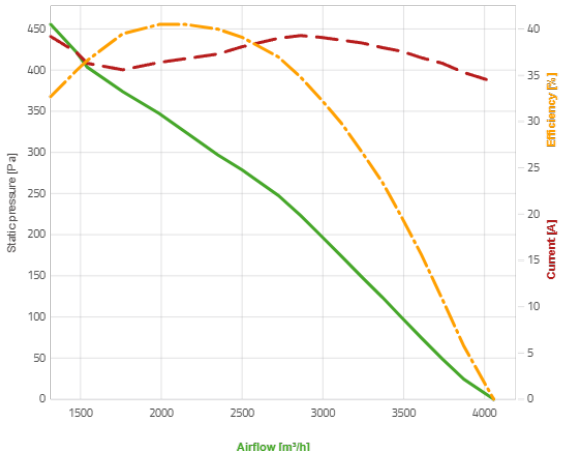
# AXIAL FAN (BRUSHLESS)

## VA116-ABL505P/R/A/N-105A



## Performance diagram



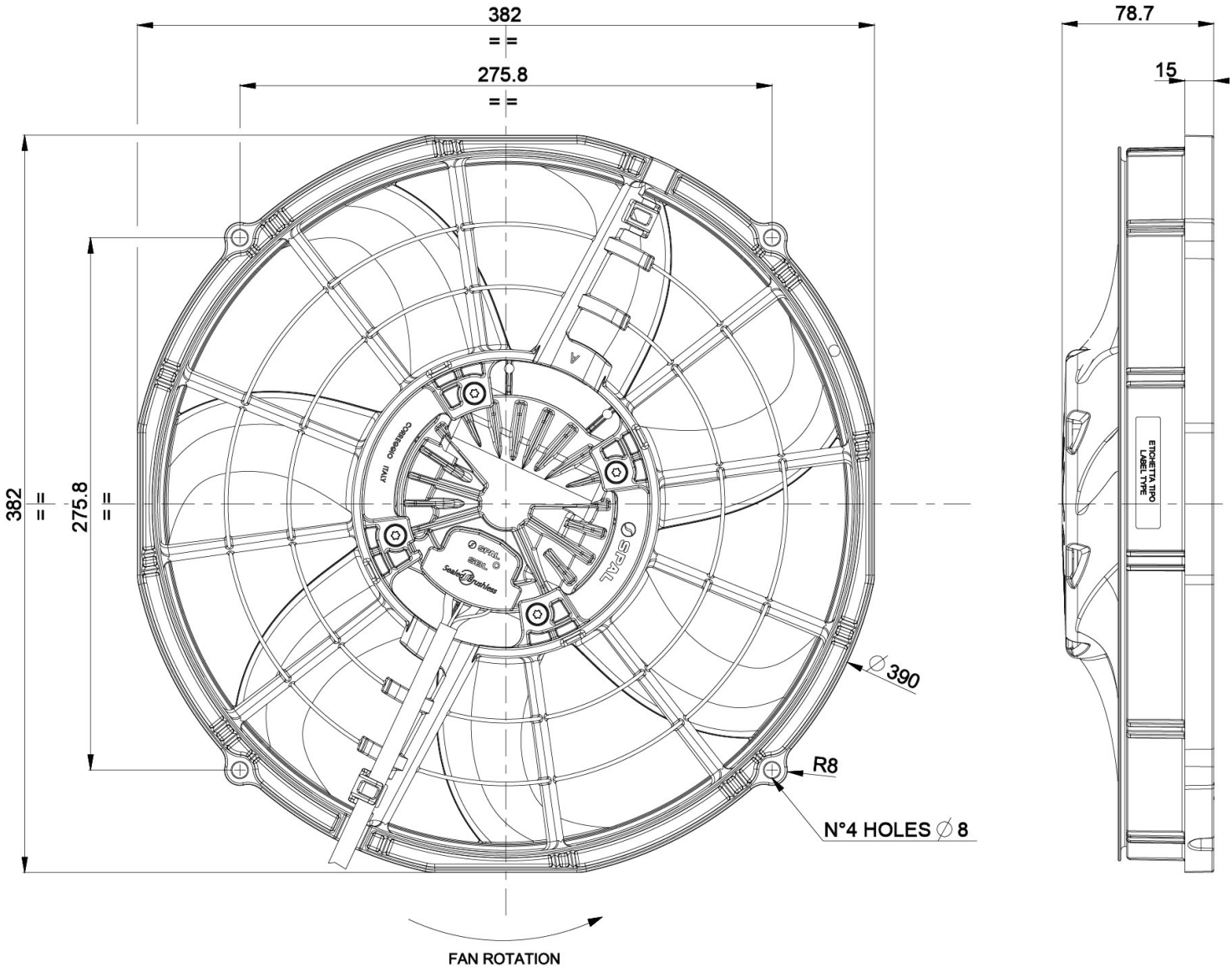

Pressure: 1 Pa = 0,004 inH2O Airflow: 1 m3/h = 0,59 cfm

## Features

| | | |
|---|---|---|
| **Protection Degree: IP68-IP6K9K** | | |
| Max fan speed | rpm | 3.350 |
| Min fan speed | rpm | 1.100 |
| Sound pressure level (at 1 m from the fan module - lateral side) | dBA | 77±0.5 |
| Weight | kg | 2.7 |
| Operating supply voltage range (at the Drive connector) | V | 9.0 .. 16.0 |
| Supply voltage to reach max speed (at the Drive connector) | V | 13.0 .. 16.0 |
| Operating ambient temperature range | °C | -40 .. +120 |
| Speed derating threshold | °C | 105 (A) |
| Storage temperature range | °C | -40 .. +125 |
| Lifetime hours up to (depending on mission profile) | h | 40.000 |
| Time from 0 rpm to max speed | s | 17 |
| Load dump protection (Pulse 5b - Pulse peak voltage (Us*) - ISO16750 - 2:2010) | V | 35 |
| Reverse polarity: ISO 16750-1 functional status class C - device fully funcional after correcting the polarity | | |
| Note (A): 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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