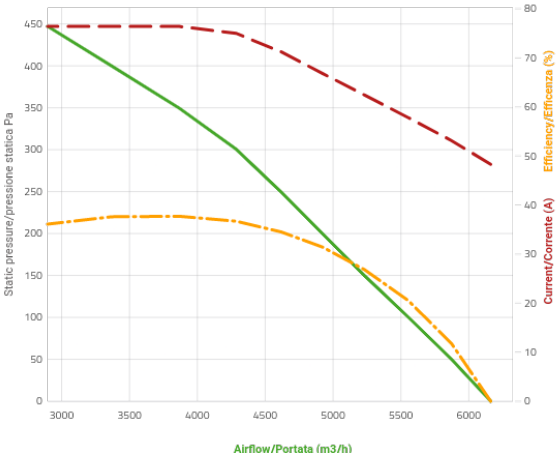
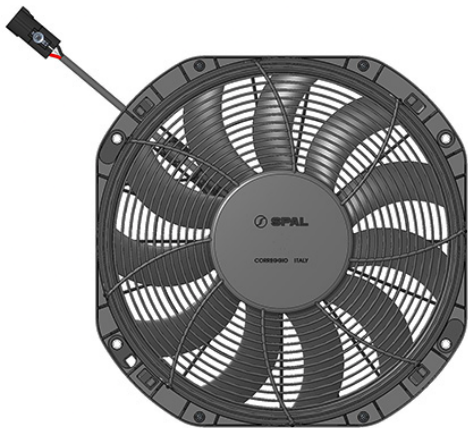


BRUSHLESS AXIAL FANS

VA164-ABL806HT-116A with GRID Performance diagram

IP6K9K / STRUCTURAL VALIDATION: Random ISO 16750-3 2012 § 4.1.2.4



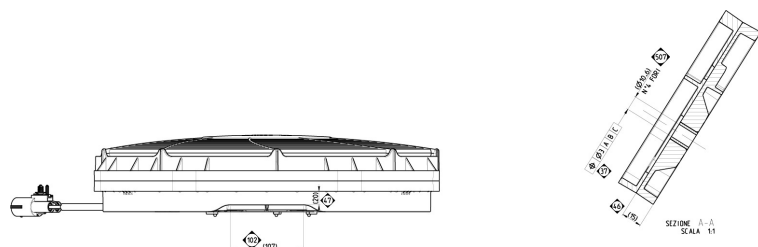
Pressure: 1 Pa = 0,004 inH2O Airflow: 1 m3/h = 0,59 cfm

Features

Max fan speed	rpm	2800
Min fan speed	rpm	800
Sound pressure level	dBa	85,5 - at 1 m from the fan module - lateral side
Weight	kg	5,7
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	+100(*)
Storage temperature range	°C	-40 .. +125

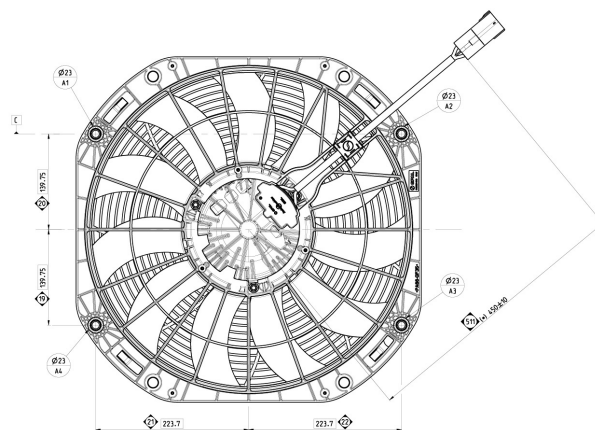
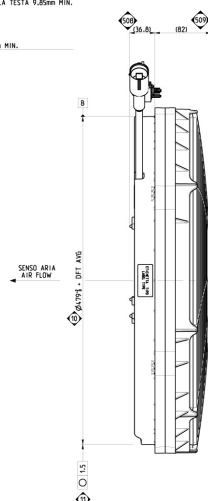
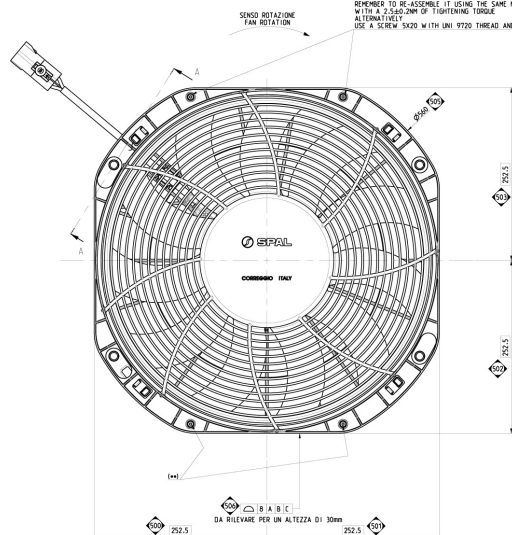
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Max fan speed	rpm	2800
Lifetime	h	up to 40000 hours depending on mission profile
Time from 0 rpm to max speed	s	15
Load dump protection (Pulse 5b)	V	35 - Pulse peak voltage (Us*) - ISO16750 - 2:2010
Reverse polarity protection		ISO 16750-1 functional status class D, 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.		



(**) DOPO AVER SMONTATO LA GRIGLIA PER SCOPI DI MANUTENZIONE, RICORDARSI DI RIASSEMBLARLO UTILIZZANDO LE STESSA NA VITI CON UNA COPPIA DI SERRAGGIO DI 2,5 ± 0,2 Nm
IN ALTERNATIVA
UTILIZZARE UNA VITE SK20 CON FILETTATURA UNI 9720 E DIAMETRO DELLA TESTA 9,85mm MIN.

(**) AFTER HAVING DISASSEMBLED THE GRID FOR MAINTENANCE PURPOSE, REMEMBER TO RE-ASSEMBLE IT USING THE SAME NA SCREWS WITH A 2.5-0.2NM OF TIGHTENING TORQUE
ALTERNATIVELY
USE A SCREW SK20 WITH UNI 9720 THREAD AND HEAD DIAMETER 9.85mm MIN.



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