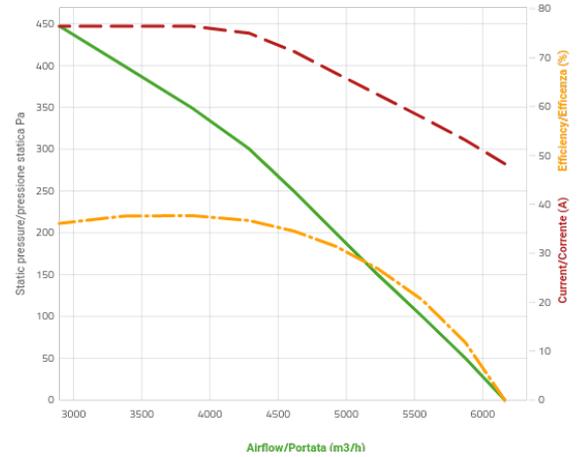
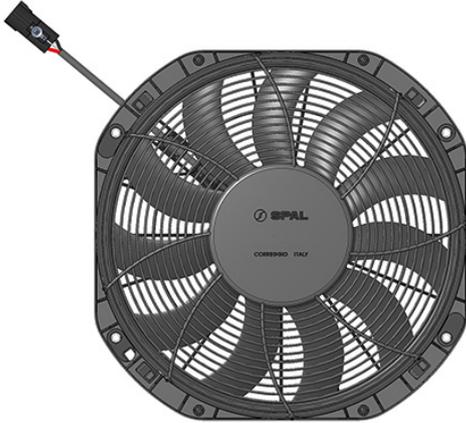


BRUSHLESS AXIAL FANS

VA164-ABL806HT-116A with GRID Performance diagram

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



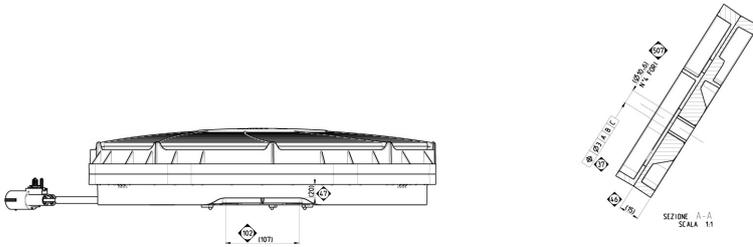
Pressure: 1 Pa = 0,004 inH₂O Airflow: 1 m³/h = 0,59 cfm

Features

Max fan speed	rpm	2800
Min fan speed	rpm	800
Sound pressure level	dB(A)	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

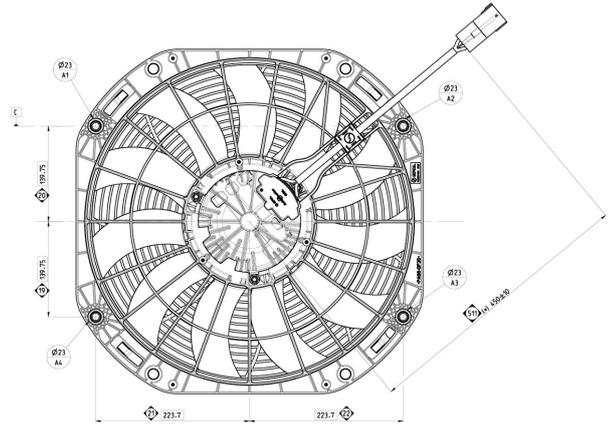
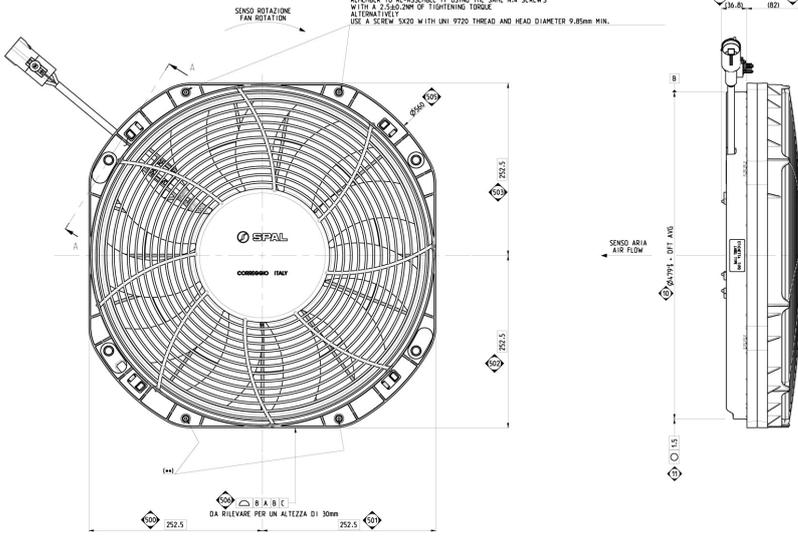
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Max fan speed	rpm	2800
Lifetime	h	up to 40000 hours depending on mission profile
Time from 0 rpm to max speed	s	15
Load dump protection (Pulse 5b)	V	35 - Pulse peak voltage (Us*) - ISO16750 - 2:2010
Reverse polarity protection		ISO 16750-1 functional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



(H) DOPO AVER SMOANTATO LA GRIGLIA PER SCOPPI DI MANUTENZIONE, RICORDARSI DI RIASSEMBLARLA UTILIZZANDO LE STESSA VITI CON UNA COPPIA DI SERRAGGIO DI 7,5 N.CM. UTILIZZARE UNA VITE S202 CON FILETTATURA UNI 9720 E DIAMETRO DELLA TESTA 9,85mm MIN.

(H) AFTER HAVING DISASSEMBLED THE GRID FOR MAINTENANCE PURPOSE, REMEMBER TO RE-ASSEMBLE IT USING THE SAME N.A. SCREWS WITH A 7.5-8.0 NM OF TIGHTENING TORQUE. ALTERNATIVELY, USE A SCREW S202 WITH UNI 9720 THREAD AND HEAD DIAMETER 9.85mm MIN.



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