

1 General

Nominal voltage: 24 V
 Drive family SBL300P
 Part number: 30007035A



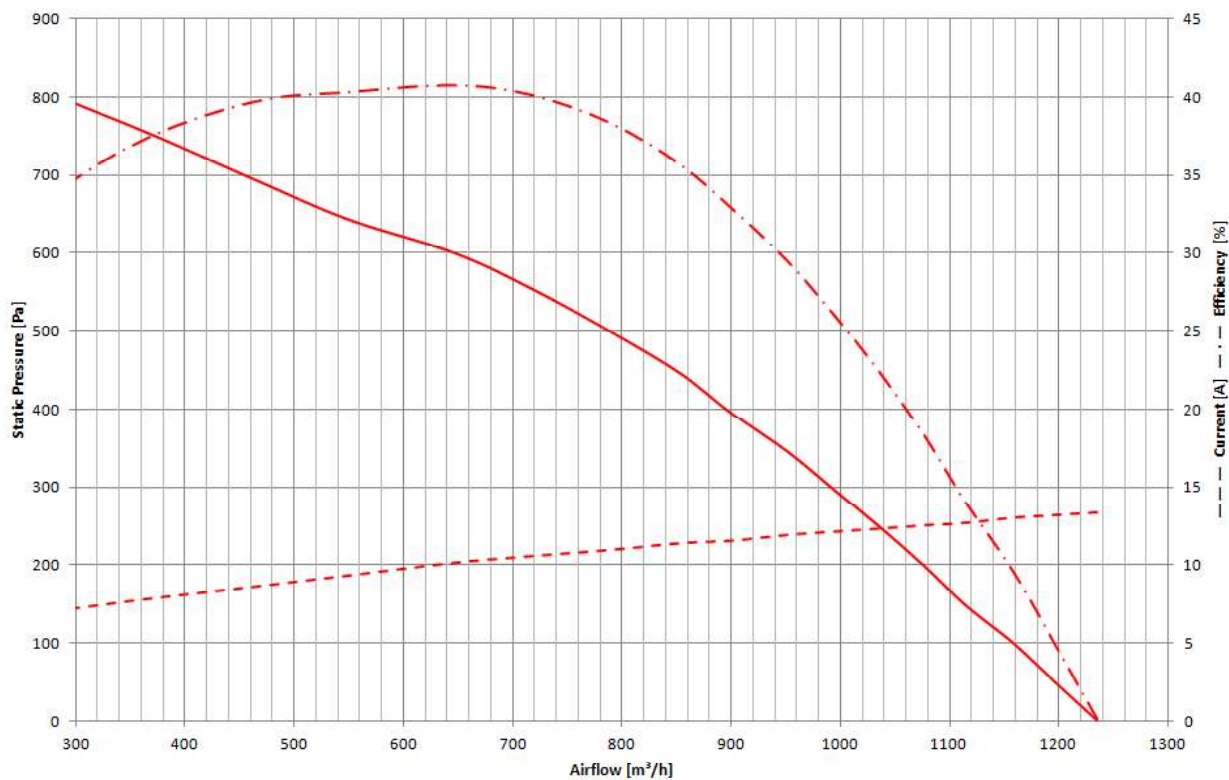
2 Features

Max fan speed	rpm	3650 @ 0Pa
Min fan speed	rpm	1100
Sound pressure level at max speed	dBA	74 – at 1 m from the fan module - lateral side
Weight	kg	2.4
Operating supply voltage range	V	16.0 .. 32.0 at the Drive connector
Supply voltage to reach max speed	V	26.0 .. 32.0 at the Drive connector
Operating ambient temperature range	°C	-40 .. +95
Max operating ambient temperature @ max fan speed	°C	+95 (1)
Storage temperature range	°C	-40 .. +95
Lifetime	h	up to 40000 hours depending on mission profile
Time from 0 rpm to max speed	s	9
Load dump protection (Pulse 5b)	V	65 - Pulse peak voltage (U_s^*) - ISO16750-2:2010
Reverse polarity protection		ISO 16750-1 functional status class C - device fully functional after correcting the polarity

Notes: (1) 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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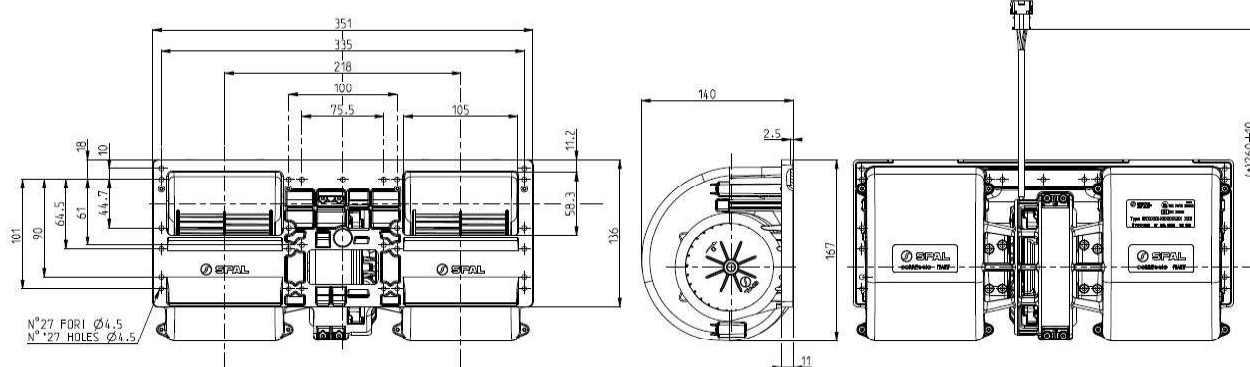
3 Air performance at maximum speed



Air density 1.16 kg / m3 - Test number: #5335 – Test bench compliant to ANSI AMCA 210
TAMB = 20 °C ± 5 °C - UB = 26.0 V at the Drive conn ector

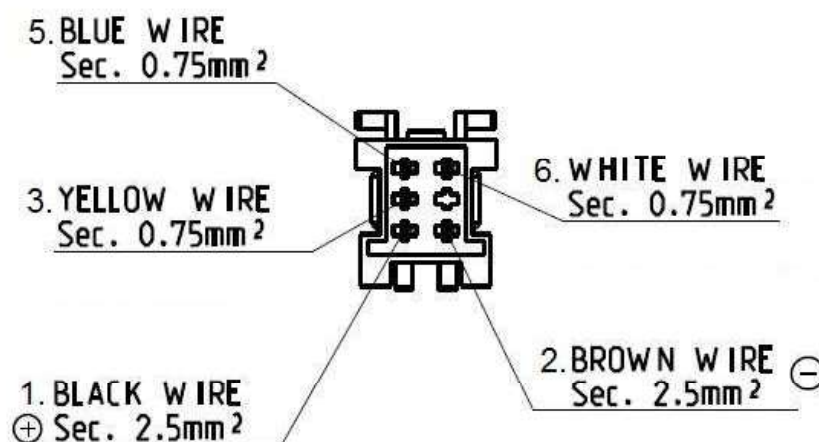
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4 Mechanical data



Fixing recommendation: use M4 bolts for fixing. Nominal tightening torque $3 \pm 1/0$ Nm
 Nominal torque defined for brand new, clean and lubricant-free bolts.
 The blower must be assembled on a flat and regular surface.

5 Connector and wires



Connector part number : AMP 929505-2						
Pin number	1	2	3	4	5	6
Identification	+D	-D	PWM / E	-	EI	FO
Wire Color	Black	Brown	Yellow	-	Blue	White
Pin	AMP 928781-2	AMP 928781-2	AMP 928930-2	-	AMP 928930-2	AMP 928930-2
Sect. [mm ²]	2.5	2.5	0.75	-	0.75	0.75

For abbreviations see chapter **8.2 Drive pin functions**

NOTE: Never handle the fan module via the cable harness