



## Technical Data - Fan Model SCX050L2-A9/16

### Location:

#### Performance - Required

Air Flow : 2.50 m<sup>3</sup>/s  
 Static Pressure : 450 Pa  
 Selection Pressure: 450 Pa  
 Installation Type: TYPE D  
 Air Density: 1.204 kg/m<sup>3</sup>  
 - Atmos. Temp: 20 °C  
 - Altitude: 0 m  
 - Humidity: 0.0 %

#### Fan Data

Catalogue Code: SCX050L2-A9/16  
 Description: Short-Cased ATEX

Diameter:	500 mm	Hub:	181 mm
Impeller Type:	Axial	Pitch:	16°
Blade Material:	Aluminium	Blades:	9
Speed:	2880 r/min @50 Hz	Form:	A
Power, Abs:	2.33 kW	Peak:	2.53 kW
Input Power:	-		
Efficiency Total:	60.2%	Static:	49.5%
SFP:	-		
Fan Weight:	-		

#### Motor Data (at STP)

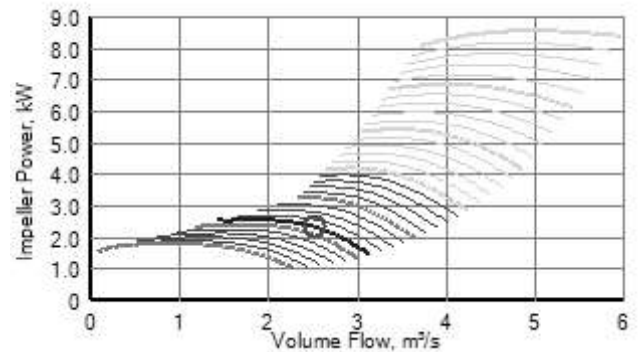
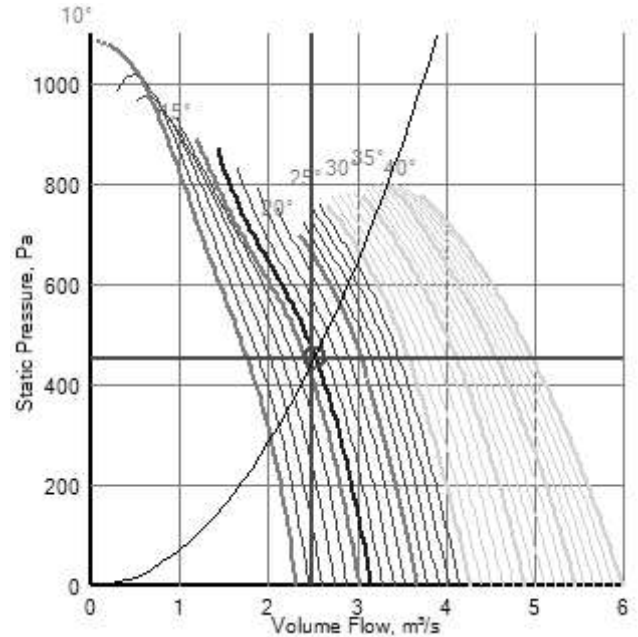
Motor Type: Zone 1 Ex de IIB (2G) T4  
 Electrical Supply: 400V 3ph 50Hz  
 Motor Frame: 112  
 Motor Power: 4.00kW  
 FLC/Start (DOL): 7.40A / 53.28A  
 Motor Speed: 2 pole  
 Motor Efficiency: -

#### Sound Data

Spectrum (Hz):	63	125	250	500	1K	2K	4K	8K	dBW	dB(A) @ 3m
Inlet (dB):	82	80	82	90	96	93	90	86	99	79
Outlet (dB):	85	80	82	88	97	93	90	87	100	79

Sound levels are quoted as in-duct values. dB(A) values are average spherical free-field for comparative use only.

### Designation:





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## Drawing for Fan Model SCX050L2-A9/16

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**Location:**

**Designation:**

**DIMENSIONS ARE DEPENDENT ON APPLICATION**