



Technical Data - Fan Model SLC560/2-3AC

Location:

Performance - Required

Air Flow : 4.90 m³/s
Static Pressure : 750 Pa
Selection Pressure: 750 Pa
Installation Type: n/a
Air Density: 1.204 kg/m³
- Atmos. Temp: 20 °C
- Altitude: 0 m
- Humidity: 0.0 %

Fan Data

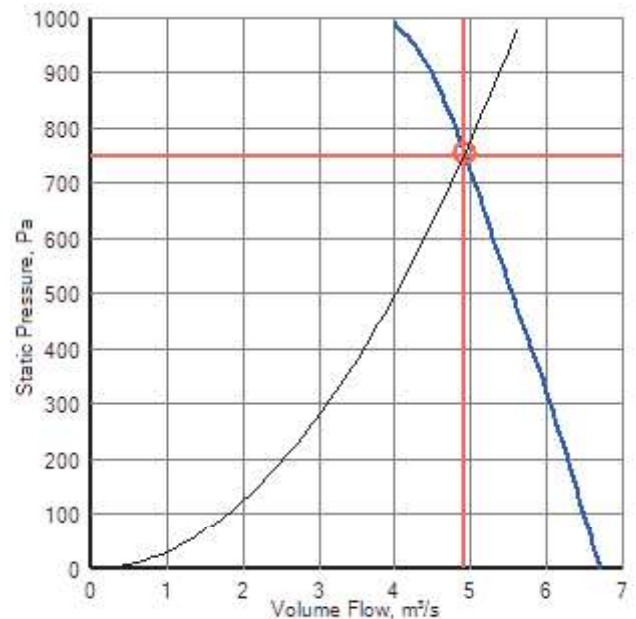
Catalogue Code: SLC560/2-3AC
Description: Axial Duct
Diameter: 560 mm
Impeller Type: Axial
Blade Material: -
Speed: 2950 r/min @50 Hz
Power, Abs: 7.60 kW
Input Power: 8.36 kW
Efficiency Total: 64.4%
SFP: 1.71
Fan Weight: 96.0 kg

Actual

Air Flow: 4.92 m³/s
Static Pressure: 755 Pa
Total Pressure: 995 Pa

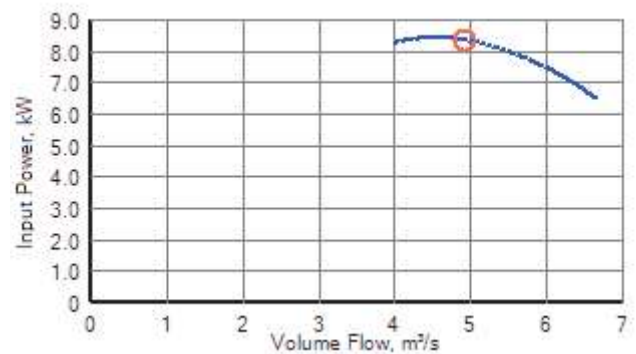
Peak: 7.66 kW
Static: 48.9%

Designation:



Motor Data (at STP)

Motor Type:
Electrical Supply: 400V 3ph 50Hz
Motor Frame: 132S
Motor Power: 9.00kW (AOM) (7.50kW IEC)
FLC/Start (DOL): 16.68A (AOM) / 118.15A (13.90A FL IEC)
Motor Speed: 2 pole
Motor Efficiency: 90.3%



Sound Data

Spectrum (Hz):	63	125	250	500	1K	2K	4K	8K	dBW	dB(A) @ 3m
Inlet (dB):	92	89	85	96	91	91	89	85	100	77
Outlet (dB):	95	91	84	93	91	92	90	86	100	77

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



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Location:

Designation:

Energy Related Product Data

Overall Efficiency: 48.2%
Measurement Category: C
Efficiency Category: Static
FMEG: 48
Specific Ratio: 1

At Maximum Efficiency Point

Input Power: 8.41 kW
Air Flow: 4.31 m³/s
Pressure: 941 Pa
Speed: 2950 r/min

Drawing for Fan Model SLC560/2-3AC

