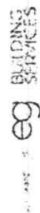




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Quotation 50K-0318-260

Fans

Project: Kitchen Extract Fan Unit

Consulting Engineer:

Location	Designation	Catalogue No.	Description	Qty.	Vol. (m ³ /s)	Press (Pa)	Speed (r/min)	Motor Power Type	Electrical Supply	Inlet Sound Spectra(dBW)	SPL (dBA)
KEF1		SLC560/4B-1AC	Axial Duct	1	2.48	200	1460	1.10kW	230V 1ph 50Hz	63 77 74 80 75 75 74 72 66	60@ 3m



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Technical Data - Fan Model SLC560/4B-1AC

Location: KEF1

Designation:

Performance - Required

Air Flow : 2.48 m³/s
Static Pressure : 200 Pa
Selection Pressure: 200 Pa
Installation Type: n/a
Air Density: 1.204 kg/m³
- Atmos. Temp: 20 °C
- Altitude: m 0 m
- Humidity: 0.0 %

Actual

Air Flow: 2.48 m³/s
Static Pressure: 200 Pa
Total Pressure: 262 Pa

Fan Data

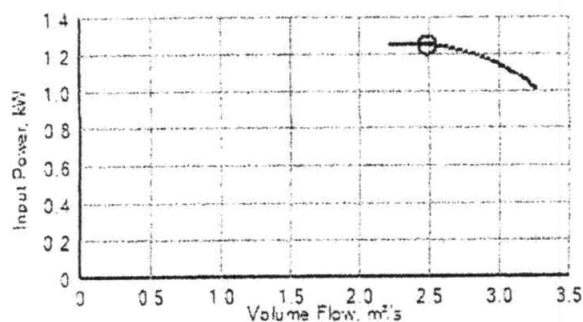
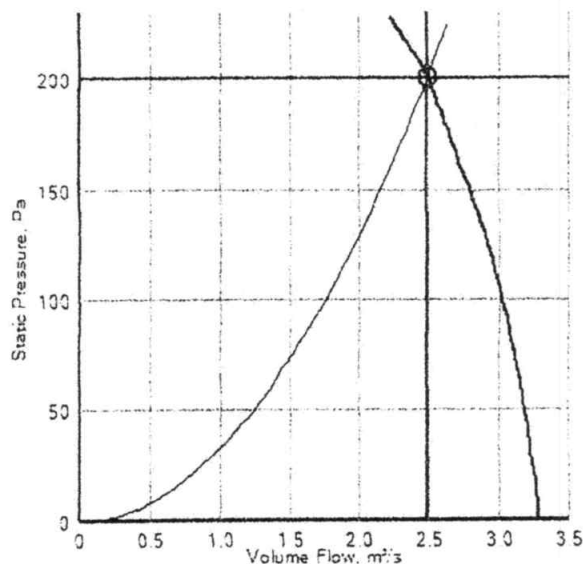
Catalogue Code: SLC560/4B-1AC
Description: Axial Duct

Diameter: 560 mm
Impeller Type: Axial
Blade Material: -
Speed: 1460 RPM @50 Hz
Power, Abs: 1.00
Efficiency Total: 65.1%
SFP: 0.50
Fan Weight: 50.0 kg

Peak: 1.00
Static: 49.9%

Motor Data (at STP)

Motor Type:
Electrical Supply: 230V 1ph 50Hz
Motor Frame: 90
Motor Power: 1.10kW
FLC/Start (DOL): 6.38A / 37.00A
Motor Speed: 4 pole
Motor Efficiency: 79.3%



Sound Data

Spectrum (Hz):	63	125	250	500	1K	2K	4K	8K	dBW	dB(A) @ 3m
Inlet (dB):	77	74	80	75	75	74	72	66	85	60
Outlet (dB):	79	73	78	75	75	74	72	67	84	60

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



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Technical Data - Fan Model SLC560/4B-1AC

Location: KEF1

Designation:

Energy Related Product Data

Overall Efficiency: 40.3%
Measurement Category: C
Efficiency Category: Static
FMEG: 46
Specific Ratio: 1

At Maximum Efficiency Point
Input Power: 1.26 kW
Air Flow: 2.33 m³/s
Pressure: 217 Pa
Speed: 1460 r/min

Drawing for Fan model SLC560/4B-1AC

