



Represented by:
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Technical Data - Fan Model SSQUHT82/560-4-3

Location:

Designation:

Performance - Required

Air Flow : 1.70 m³/s
Static Pressure : 500 Pa
Selection Pressure: 500 Pa
Installation Type: n/a
Air Density: 1.204 kg/m³
- Atmos. Temp: 20 °C
- Altitude: 0 m
- Humidity: 0.0 %

Actual

Air Flow: 1.90 m³/s
Static Pressure: 625 Pa
Total Pressure: 661 Pa

Fan Data

Catalogue Code: SSQUHT82/560-4-3
Description: Centrifugal Box - Outlet 90
Diameter: 560 mm
Impeller Type: Centrifugal
Blade Material: -
Speed: 1440 r/min @50 Hz
Power, Abs: 2.14 kW
Input Power: 2.44 kW
Efficiency Total: 58.6%
Fan Weight: -

Peak: 2.09 kW
Static: 55.4%

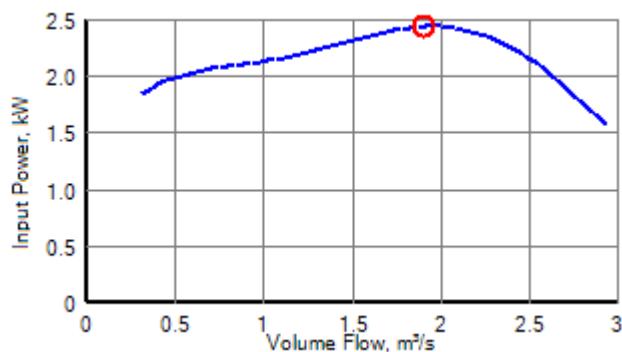
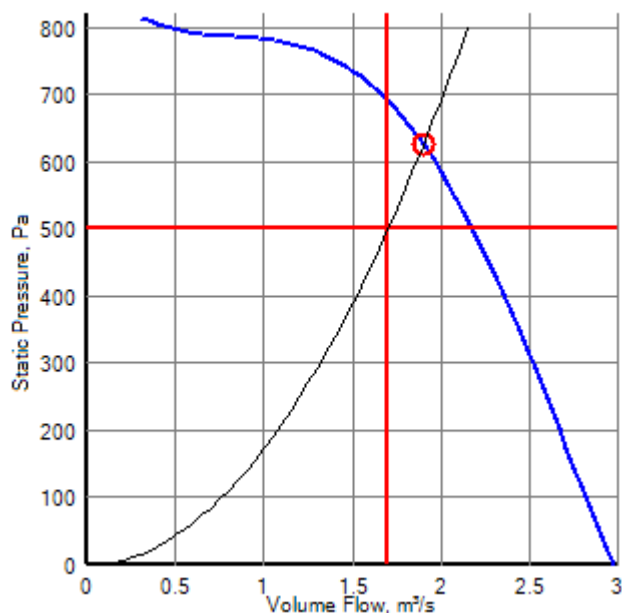
Motor Data (at STP)

Motor Type:
Electrical Supply: 400V 3ph 50Hz
Motor Frame: 100L
Motor Power: 3.00kW
FLC/Start (DOL): 6.31A / 49.22A
Motor Speed: 4 pole
Motor Efficiency: 87.7%

Sound Data

Spectrum (Hz):	63	125	250	500	1K	2K	4K	8K	dBW	dB(A) @ 3m
Inlet (dB):	91	92	88	79	78	77	77	75	96	65
Outlet (dB):	94	95	86	85	86	78	77	77	98	69
Breakout (dB):	93	92	79	68	64	58	52	51	96	57

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



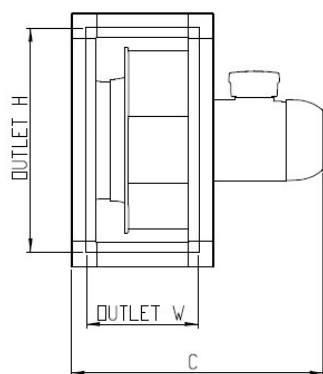
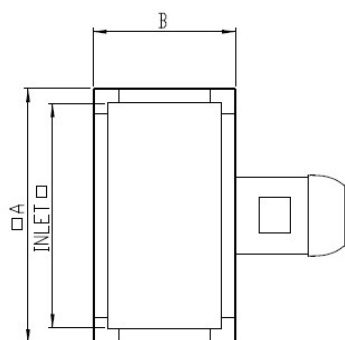


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Drawing for Fan Model SSQUHT82/560-4-3

Location:

Designation:



PRODUCT CODE	A	B	C	INLET Ø	OUTLET H	OUTLET W
SSQUHT50/350-4-3	500	280	497	430	440	220
SSQUHT67/400-4-3	670	305	521	600	610	245
SSQUHT67/500-4-3	670	375	633	600	610	315
SSQUHT82/500-4-3	820	375	635	730	740	295
SSQUHT82/560-4-3	820	430	726	730	740	350
SSQUHT82/630-4-3	820	445	741	730	740	365
SSQUHT102/630-4-3	1020	445	760	930	940	365
SSQUHT102/630B-4-3	1020	445	835	930	940	365