



Represented by:
ELTA FANS LTD (BUILDING SERVICES)
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Technical Data - Fan Model 1DENP+SQU23/4-3HT+1DENP

Location:

Designation:

Please Note: Data shown is nominal - enter more criteria for accurate detail.

Performance - Required

Air Flow : 0.00 m³/s
 Static Pressure : 0 Pa
 Selection Pressure: 0 Pa
 Installation Type: n/a
 Air Density: 1.204 kg/m³
 - Atmos. Temp: 20 °C
 - Altitude: 0 m
 - Humidity: 0.0 %

Actual

Air Flow: 0.00 m³/s
 Static Pressure: 0 Pa
 Total Pressure: 0 Pa

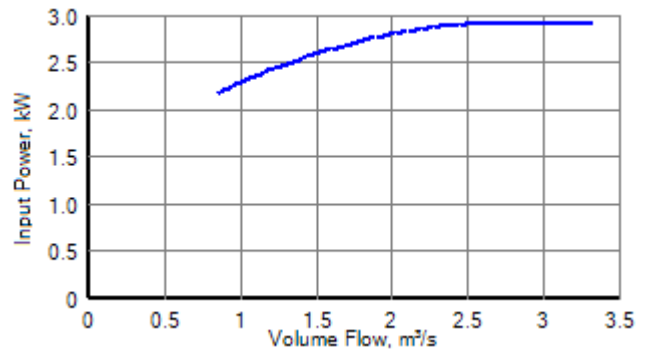
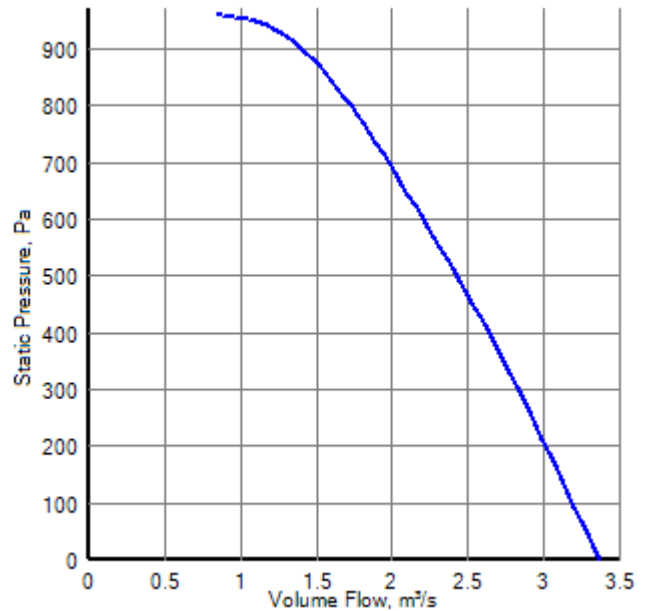
Fan Data

Catalogue Code: 1DENP+SQU23/4-3HT+1DENP
 Description: Centrifugal Box

Diameter: 500 mm
 Impeller Type: Centrifugal
 Blade Material: -
 Speed: 1445 r/min @50 Hz
 Power, Abs: - Peak: 2.56 kW
 Input Power: 0.97 kW
 Efficiency Total: - Static: -
 SFP: -
 Fan Weight: 144.0 kg

Motor Data (at STP)

Motor Type:
 Electrical Supply: 400V 3ph 50Hz
 Motor Frame: 100L
 Motor Power: 3.00kW
 FLC/Start (DOL): 7.50A / 48.75A
 Motor Speed: 4 pole
 Motor Efficiency: 78.6%



Sound Data

Spectrum (Hz):	63	125	250	500	1K	2K	4K	8K	dBW	dB(A) @ 3m
Inlet (dB) with 1DENP:	76	77	80	76	68	66	67	62	84	57
Outlet (dB) with 1DENP:	78	79	82	78	70	68	69	64	86	59
Breakout (dB):	79	81	79	72	62	53	42	36	85	53

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

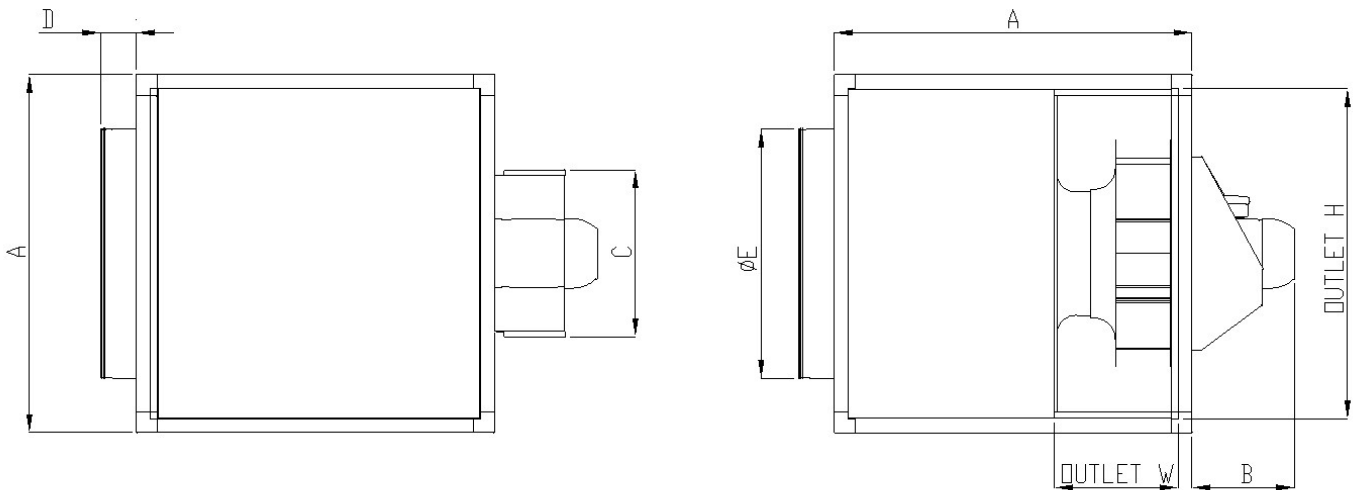


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Drawing for Fan Model SQU23/4-3HT

Location:

Designation:



PRODUCT CODE	A	B	C	D	Ø E	OUTLET (WxH)
SQU1-4-3HT	500	197	280	63	315	219 x 440
SQU2-4-3HT	670	213	350	80	500	273 x 610
SQU22-4-3HT		257			400	
SQU3-4-3HT	820				560	303 x 740
SQU23-4-3HT				500		
SQU4-4-3HT	1020	293	474	99	710	352 x 940
SQU24-4-3HT					630	
SQU4-6-3HT					710	