



## Technical Data - Fan Model TF050J23-A6-10/INV1-3

### Location:

### Designation:

Please Note: Data shown is for a non-standard product.

### Performance - Required

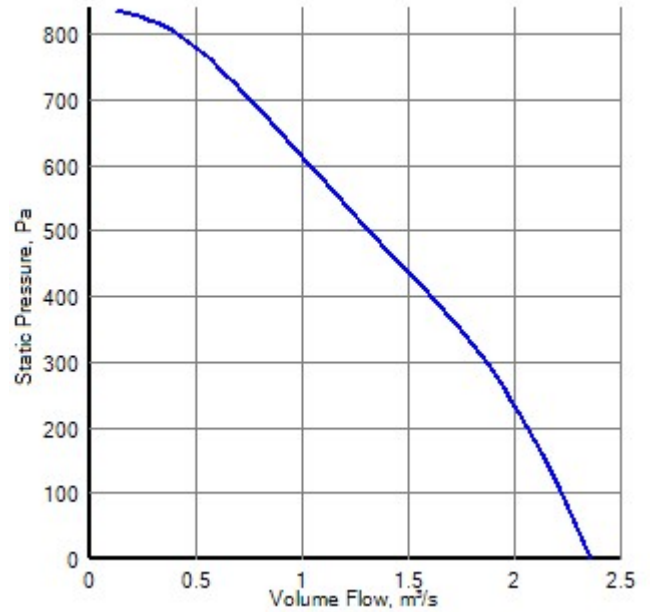
Air Flow : 0.00 m<sup>3</sup>/s  
 Static Pressure : 0 Pa  
 Selection Pressure: 0 Pa  
 Installation Type: n/a  
 Air Density: 1.204 kg/m<sup>3</sup>  
 - Atmos. Temp: 20 °C  
 - Altitude: 0 m  
 - Humidity: 0.0 %

### Actual

Air Flow: 0.00 m<sup>3</sup>/s  
 Static Pressure: 0 Pa  
 Total Pressure: 0 Pa

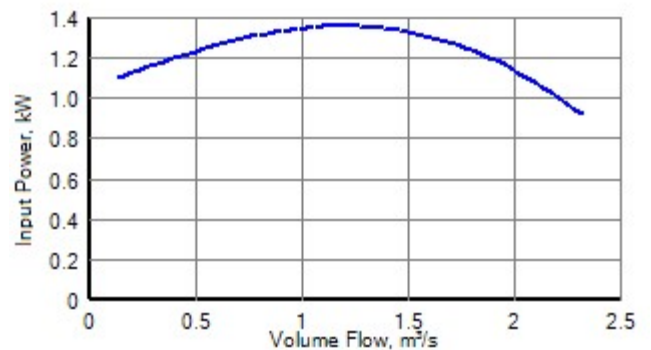
### Fan Data

|                   |                           |         |         |
|-------------------|---------------------------|---------|---------|
| Catalogue Code:   | TF050J23-A6-10/INV1-3     |         |         |
| Description:      | Standard Long-Cased Axial |         |         |
| Diameter:         | 500 mm                    |         |         |
| Impeller Type:    | Axial                     |         |         |
| Blade Material:   | -                         |         |         |
| Speed:            | 2800 r/min @50 Hz         |         |         |
| Power, Abs:       | -                         | Peak:   | 1.13 kW |
| Input Power:      | 1.05 kW                   | Static: | -       |
| Efficiency Total: | -                         |         |         |
| SFP:              | -                         |         |         |
| Fan Weight:       | 42.2 kg                   |         |         |



### Motor Data (at STP)

Motor Type:  
 Electrical Supply: 400V 3ph 50Hz  
 Motor Frame: 90  
 Motor Power: 1.50kW  
 FLC/Start (DOL): 3.17A / 22.19A  
 Motor Speed: 2 pole  
 Motor Efficiency: 83.2%



### Sound Data

| Spectrum (Hz): | 63 | 125 | 250 | 500 | 1K | 2K | 4K | 8K | dBW | dB(A) @ 3m |
|----------------|----|-----|-----|-----|----|----|----|----|-----|------------|
| Inlet (dB):    | 76 | 74  | 82  | 85  | 91 | 89 | 85 | 80 | 95  | 74         |
| Outlet (dB):   | 79 | 74  | 81  | 84  | 92 | 90 | 85 | 81 | 95  | 75         |
| Breakout (dB): | 74 | 65  | 66  | 65  | 69 | 64 | 53 | 51 | 77  | 51         |

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

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Designation:

### Energy Related Product Data

Overall Efficiency: 49.3%  
 Measurement Category: C  
 Efficiency Category: Static  
 FMEG: 54  
 Specific Ratio: 1

### At Maximum Efficiency Point

Input Power: 1.32 kW  
 Air Flow: 1.55 m<sup>3</sup>/s  
 Pressure: 421 Pa  
 Speed: 2800 r/min

## Drawing for Fan Model TF050J23-A6-10/INV1-3

