

# H4/1000 15A DTK



- Axial duct mounted series. Available from 400 to 1250 mm diameters.
- Suitable for horizontal or vertical airflow installation.
- Available in long case and short case shape.
- F300 and F400 models can be provided according to EN 12103-3: 2015. 🔥
- Explosion proof motor will be available upon request.
- The impeller is dynamically and statically balanced. ⚠️

Date: 2/11/2021

## Project Detail

Company:	Test Company	Reference:	Ex-1
Project:	Test Project	Location:	Roof
Quantity:	2	Quotation No:	1234

## Fan Specifications

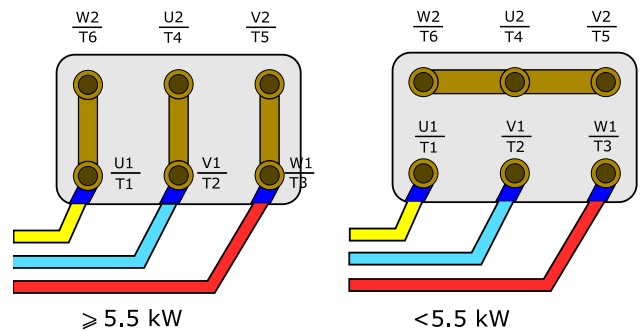
Fan Type:	Axial Duct	Diameter:	1000 mm
Blade No/Angle:	8 / 40°	Shaft Power:	12.87 kW
Drive:	Direct	Max Temperature:	40°
Outlet Velocity:	19.8 m/s	Weight:	210 kg

## Material and Painting

Impeller Material:	Aluminium	Housing Material:	Galvanized
Paint:	Epoxy	Final Thickness:	60 µm
Color:	Gray	Ral No:	7001

## Motor Specifications

Motor Power:	15 kW
Motor Speed:	1500 rpm
Poles Number:	4
Motor Current:	29.4 A
Voltage / Frequency / Phase:	400 V / 50 Hz /
IP:	55
Insulation Class:	F

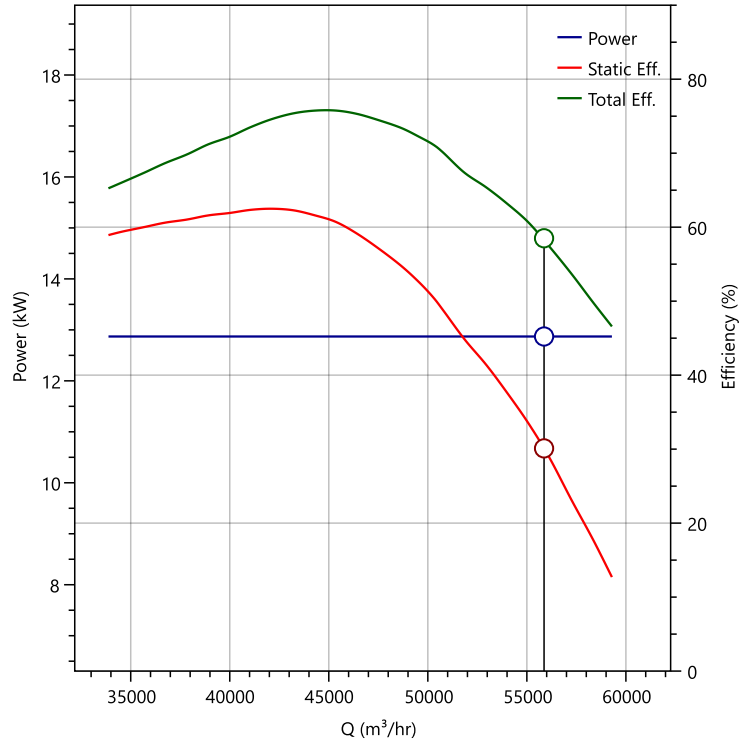
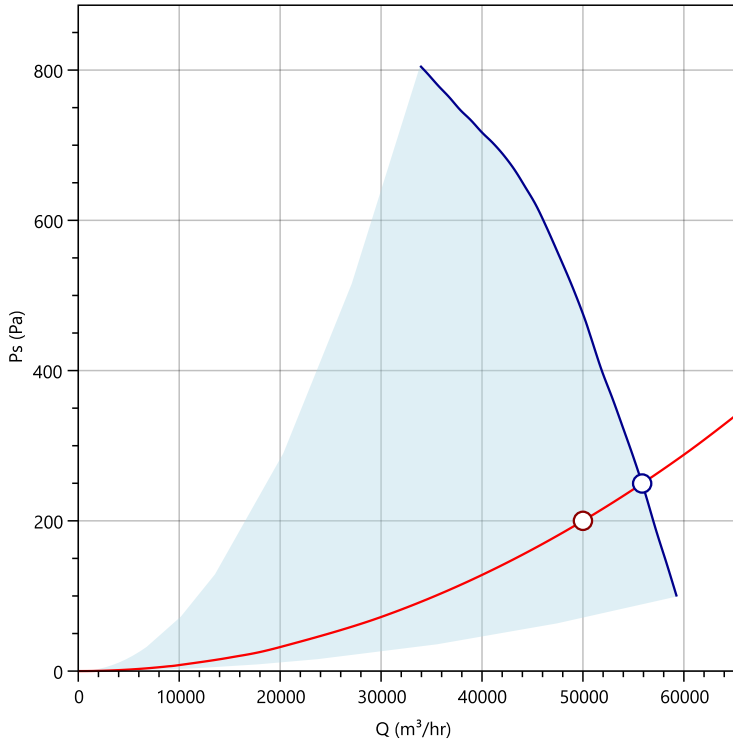


## Design Conditions

Design Airflow:	50000 m <sup>3</sup> /hr	Design Pressure:	200 Pa
Air Temperature:	20 °C	Altitude:	1000 m



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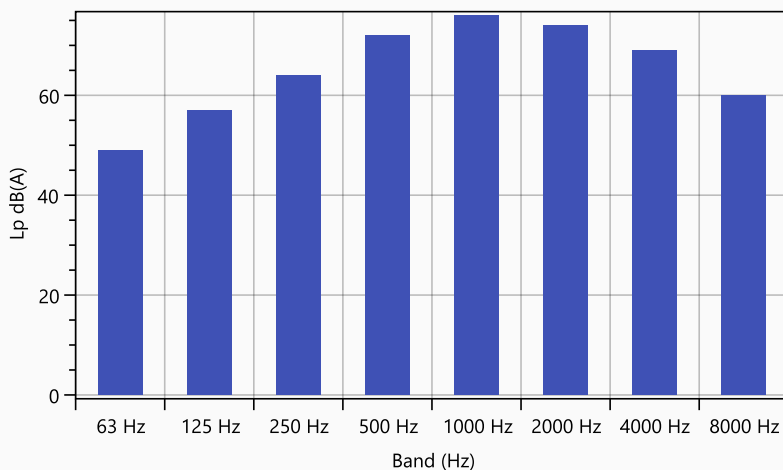


## Working Conditions

Working Airflow: 55867.6 m<sup>3</sup>/hr  
 Working Pressure: 249.7 Pa  
 Dynamic Pressure: 235 Pa  
 Total Pressure: 484.7 Pa

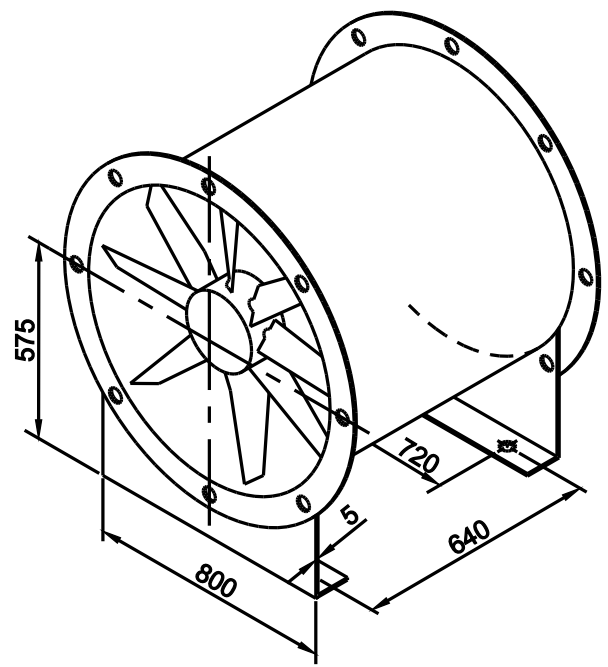
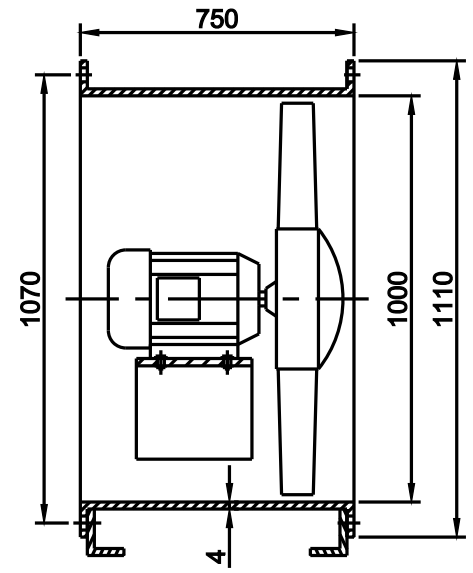
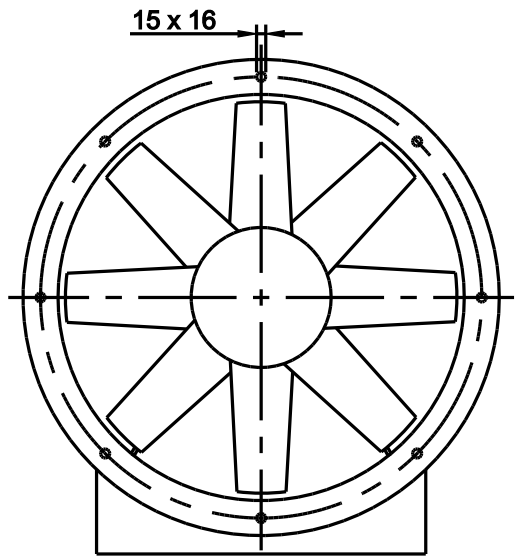
Static Efficiency: 30.1%  
 Total Efficiency: 58.5%  
 Shaft Power: 12.87 kW


## Sound Data

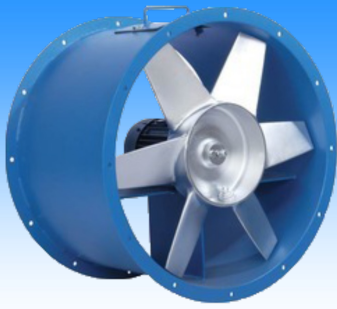


Distance: 3 m  
 Total Lp : 80 db(A)

Band (Hz)	63	125	250	500	1000	2000	4000	8000
Lp dB (A)	49	57	64	72	76	74	69	60



	<b>H4/1000 15A DTK</b>
	All Dimensions are in mm



# H4 1000 11A TAM



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- The impeller is dynamically and statically balanced. ⚠️

Date: 2/11/2021

## Project Detail

Company:	Test Company	Reference:	EX-2
Project:	Test Project	Location:	Roof
Quantity:	3	Quotation No:	1234

## Fan Specifications

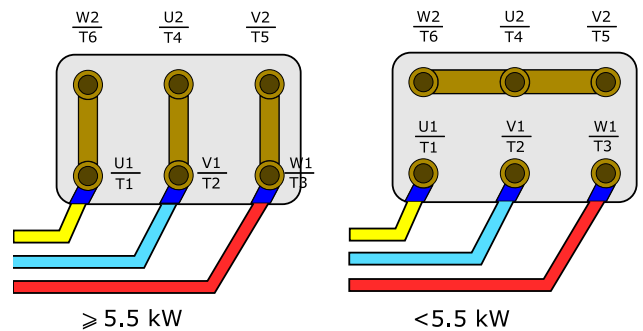
Fan Type:	Axial Duct	Diameter:	1000 mm
Blade No/Angle:	6 / 38°	Shaft Power:	9.4 kW
Drive:	Direct	Max Temperature:	40°
Outlet Velocity:	14.1 m/s	Weight:	243 kg

## Material and Painting

Impeller Material:	Aluminium	Housing Material:	Galvanized
Paint:	Epoxy	Final Thickness:	60 µm
Color:	Gray	Ral No:	7001

## Motor Specifications

Motor Power:	11 kW
Motor Speed:	1500 rpm
Poles Number:	4
Motor Current:	21.3 A
Voltage / Frequency / Phase:	400 V / 50 Hz / 3
IP:	55
Insulation Class:	F

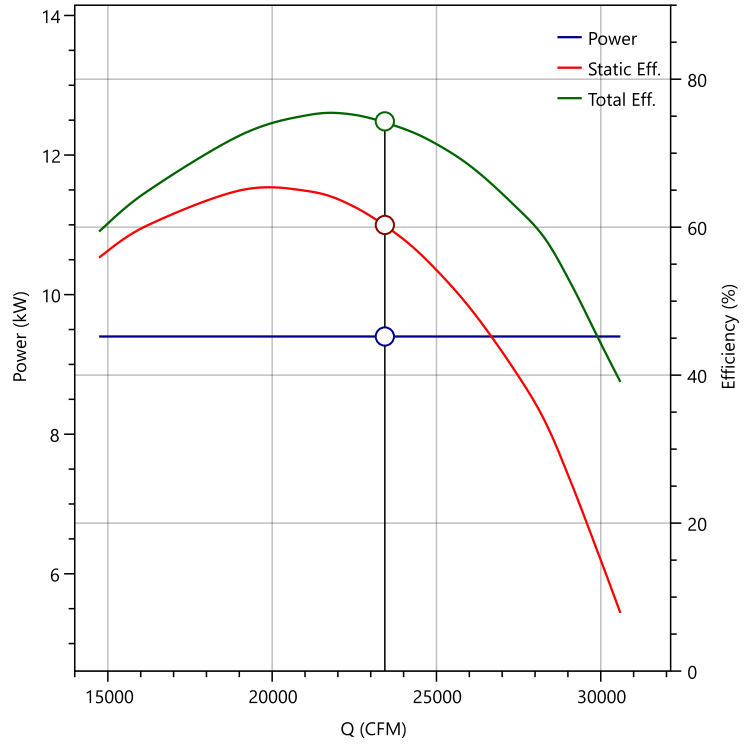
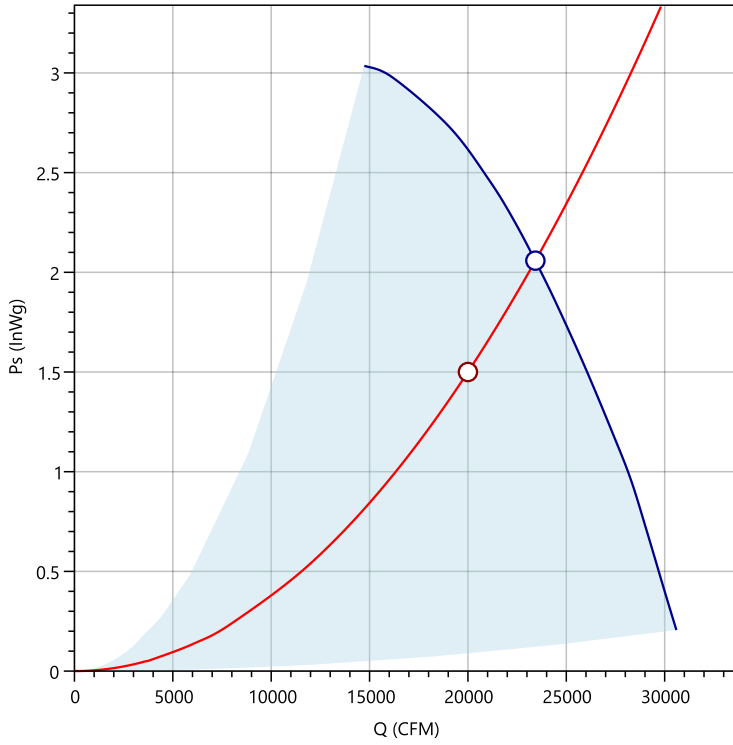


## Design Conditions

Design Airflow:	20000 CFM	Design Pressure:	1.5 InWg
Air Temperature:	20 °C	Altitude:	1000 m



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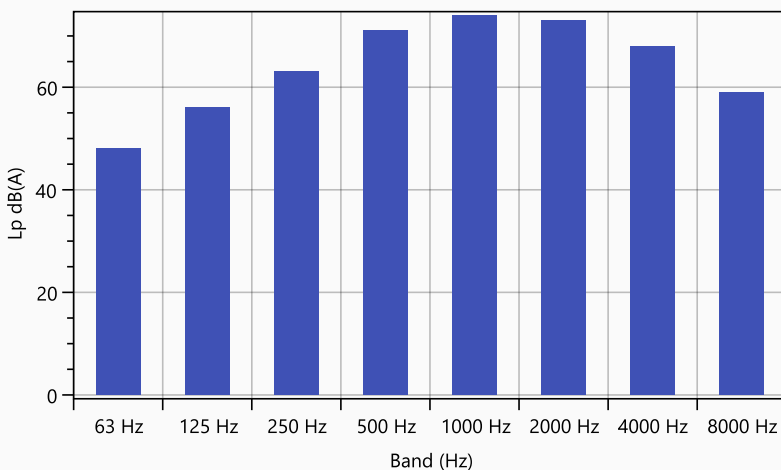


## Working Conditions

Working Airflow: 23429.1 CFM  
 Working Pressure: 2.06 InWg  
 Dynamic Pressure: 0.48 InWg  
 Total Pressure: 2.54 InWg

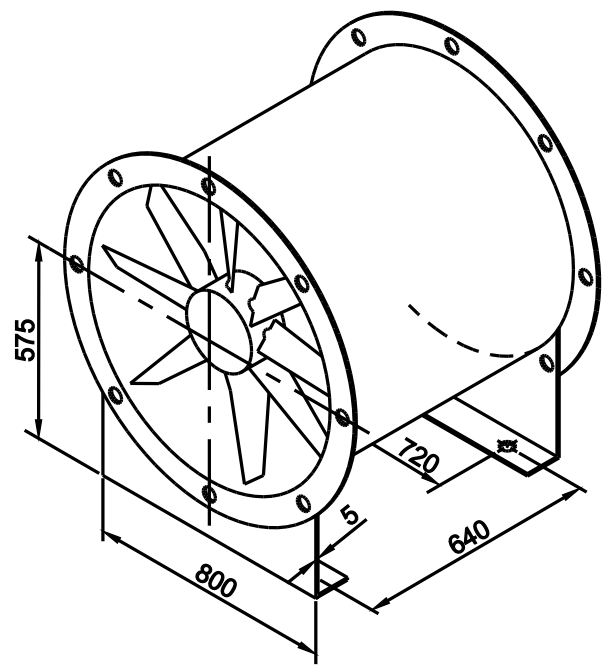
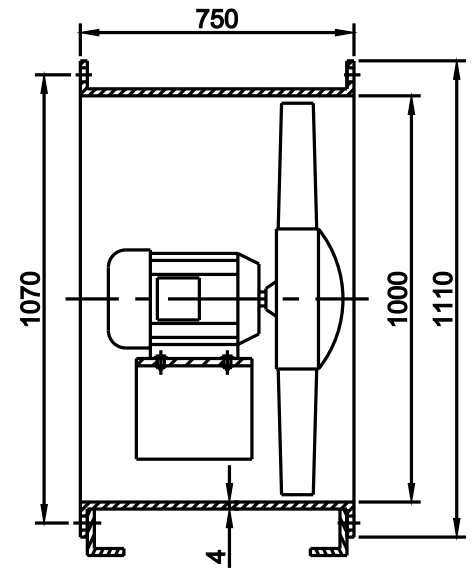
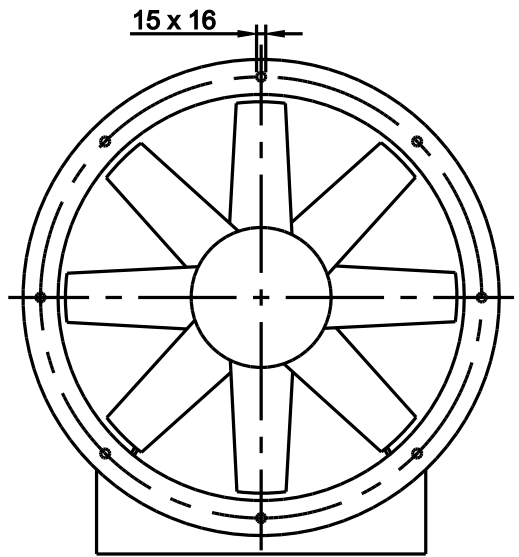
Static Efficiency: 60.3%  
 Total Efficiency: 74.3%  
 Shaft Power: 9.4 kW


## Sound Data



Distance: 3 m  
 Total Lp: 78 db(A)

Band (Hz)	63	125	250	500	1000	2000	4000	8000
Lp dB (A)	48	56	63	71	74	73	68	59



	<b>H4 1000 11A TAM</b>
	All Dimensions are in mm