



PROJECT REPORT

**VACUMEX®**  
*The Power to move air...*

**CJHGT**

## CJHGT

## CJHGT

#	Ref.	Remark	Model/Tool	Code	Qty.	Speed (rpm)	Max. admissible current (A)	Power (kW) [*]	Design flowrate (m <sup>3</sup> /h)	Design pressure (Pa)	Flowrate (m <sup>3</sup> /h)	Pressure (Pa)
1			CJHGT-125-6T/6-5.5 IE3	1355203	1	960	8.99	4	-	-	-	-
2			CJHGT-125-6T/6-7.5 IE3	1355204	1	970	11.2	5.5	-	-	-	-
3			CJHGT-125-6T/9-10 IE3	1355208	1	975	14.8	7.5	-	-	-	-
4			CJHGT-125-6T/6-10 IE3	1355205	1	975	14.8	7.5	-	-	-	-
5			CJHGT-125-6T/9-15 IE3	1355209	1	975	21.9	11	-	-	-	-
6			CJHGT-125-4T/6-20 IE3	1355185	1	1465	27.9	15	-	-	-	-
7			CJHGT-125-4T/9-25 IE3	1355192	1	1470	35.1	18.5	-	-	-	-
8			CJHGT-125-6T/6-15 IE3	1355206	1	975	21.9	11	-	-	-	-
9			CJHGT-125-4T/6-25 IE3	1355186	1	1470	35.1	18.5	-	-	-	-
10			CJHGT-125-6T/9-20 IE3	1355210	1	975	28.2	15	-	-	-	-
11			CJHGT-125-6T/6-20 IE3	1355207	1	975	28.2	15	-	-	-	-
12			CJHGT-125-4T/9-30 IE3	1355193	1	1470	41	22	-	-	-	-
13			CJHGT-125-4T/6-30 IE3	1355187	1	1470	41	22	-	-	-	-
14			CJHGT-125-6T/9-25 IE3	1355211	1	980	35.9	18.5	-	-	-	-
15			CJHGT-125-4T/12-50 IE3	1355199	1	1480	66.8	37	-	-	-	-
16			CJHGT-125-4T/9-40 IE3	1355194	1	1480	57.1	30	-	-	-	-
17			CJHGT-125-6T/9-30 IE3	1355212	1	980	42.4	22	-	-	-	-
18			CJHGT-125-4T/12-60 IE3	1355200	1	1475	80.9	45	-	-	-	-
19			CJHGT-125-4T/6-40 IE3	1355188	1	1480	57.1	30	-	-	-	-
20			CJHGT-125-4T/9-50 IE3	1355195	1	1480	66.8	37	-	-	-	-
21			CJHGT-125-4T/6-50 IE3	1355189	1	1480	66.8	37	-	-	-	-
22			CJHGT-125-4T/12-75 IE3	1355201	1	1480	98.6	55	-	-	-	-
23			CJHGT-125-4T/9-60 IE3	1355196	1	1475	80.9	45	-	-	-	-
24			CJHGT-125-4T/6-60 IE3	1355190	1	1475	80.9	45	-	-	-	-
25			CJHGT-125-4T/9-75 IE3	1355197	1	1480	98.6	55	-	-	-	-
26			CJHGT-125-4T/6-75 IE3	1355191	1	1480	98.6	55	-	-	-	-
27			CJHGT-125-4T/12-100 IE3	1355202	1	1485	134	75	-	-	-	-
28			CJHGT-125-4T/9-100 IE3	1355198	1	1485	134	75	-	-	-	-
29			CJHGT-125-6T/6 IE3		1	960		15	-	-	-	-
30			CJHGT-125-6T/9 IE3		1	975		22	-	-	-	-
31			CJHGT-125-4T/6 IE3		1	1465		55	-	-	-	-
32			CJHGT-125-4T/9 IE3		1	1470		75	-	-	-	-
33			CJHGT-125-4T/12 IE3		1	1480		75	-	-	-	-
<b>TOTAL</b>					<b>33</b>			<b>1076</b>				

[\*] Rated Mechanical Power except for values with \* which are Max. Electrical Power

INDEX

CJHGT-125-6T/6-5.5 IE3	4
CJHGT-125-6T/6-7.5 IE3	6
CJHGT-125-6T/9-10 IE3	8
CJHGT-125-6T/6-10 IE3	10
CJHGT-125-6T/9-15 IE3	12
CJHGT-125-4T/6-20 IE3	14
CJHGT-125-4T/9-25 IE3	16
CJHGT-125-6T/6-15 IE3	18
CJHGT-125-4T/6-25 IE3	20
CJHGT-125-6T/9-20 IE3	22
CJHGT-125-6T/6-20 IE3	24
CJHGT-125-4T/9-30 IE3	26
CJHGT-125-4T/6-30 IE3	28
CJHGT-125-6T/9-25 IE3	30
CJHGT-125-4T/12-50 IE3	32
CJHGT-125-4T/9-40 IE3	34
CJHGT-125-6T/9-30 IE3	36
CJHGT-125-4T/12-60 IE3	38
CJHGT-125-4T/6-40 IE3	40
CJHGT-125-4T/9-50 IE3	42
CJHGT-125-4T/6-50 IE3	44
CJHGT-125-4T/12-75 IE3	46
CJHGT-125-4T/9-60 IE3	48
CJHGT-125-4T/6-60 IE3	50
CJHGT-125-4T/9-75 IE3	52
CJHGT-125-4T/6-75 IE3	54
CJHGT-125-4T/12-100 IE3	56
CJHGT-125-4T/9-100 IE3	58
CJHGT-125-6T/6 IE3	60
CJHGT-125-6T/9 IE3	62
CJHGT-125-4T/6 IE3	64
CJHGT-125-4T/9 IE3	66
CJHGT-125-4T/12 IE3	68

# CJHGT-125-6T/6-5.5 IE3

Code: 1355203



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

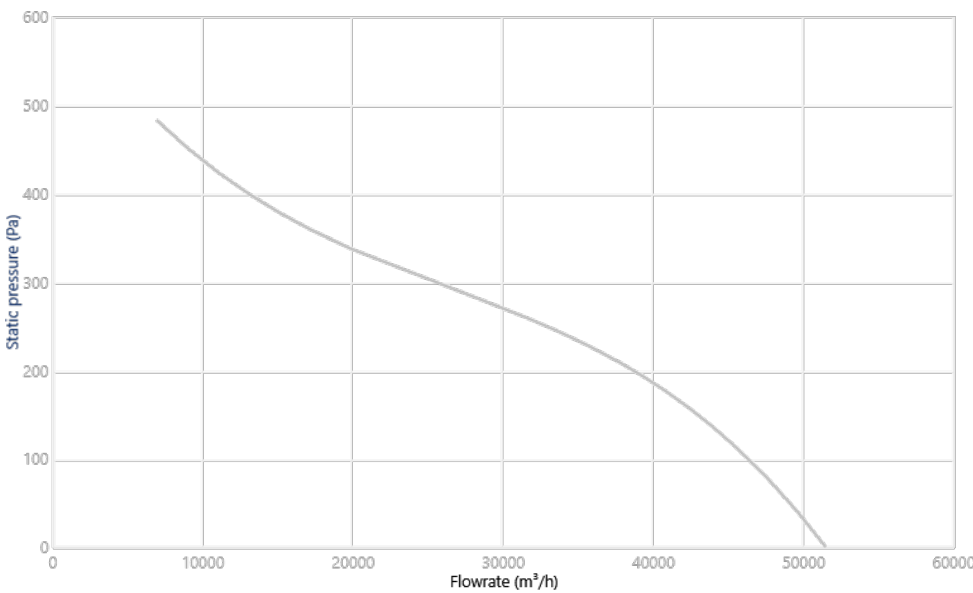
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



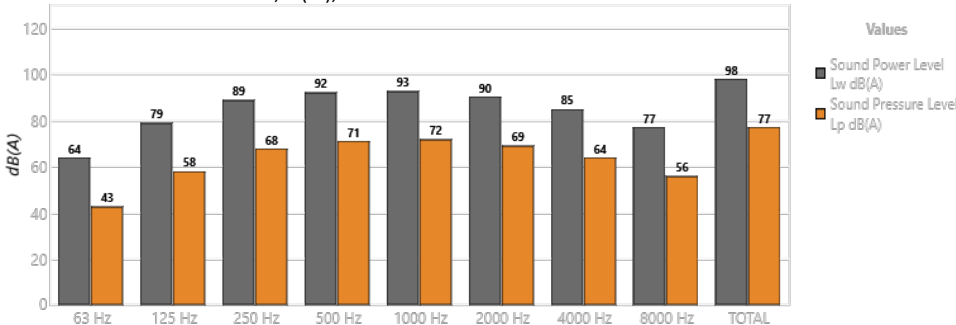
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



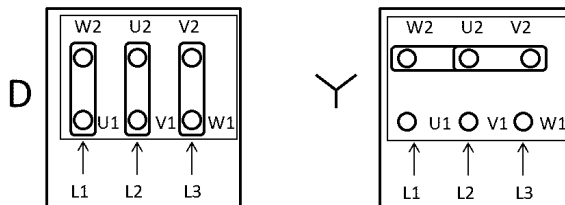
Band	Lw dB(A)	Lp dB(A)
63 Hz	64	43
125 Hz	79	58
250 Hz	89	68
500 Hz	92	71
1000 Hz	93	72
2000 Hz	90	69
4000 Hz	85	64
8000 Hz	77	56
TOTAL	98	77

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	51502
Speed (rpm)	960
Maximum static pressure (Pa)	483.1
Maximum total pressure (Pa)	484.5

## MOTOR DATA

Rated Mechanical Power (kW)	4
Hz/phases	50/3
Motor (rpm)	960
Poles	6P
Max. current (A) 380-415 V Y	8.99
Max. current (A) 220-240 V D	15.6
Motor protection	IP55
Motor frame size	132M



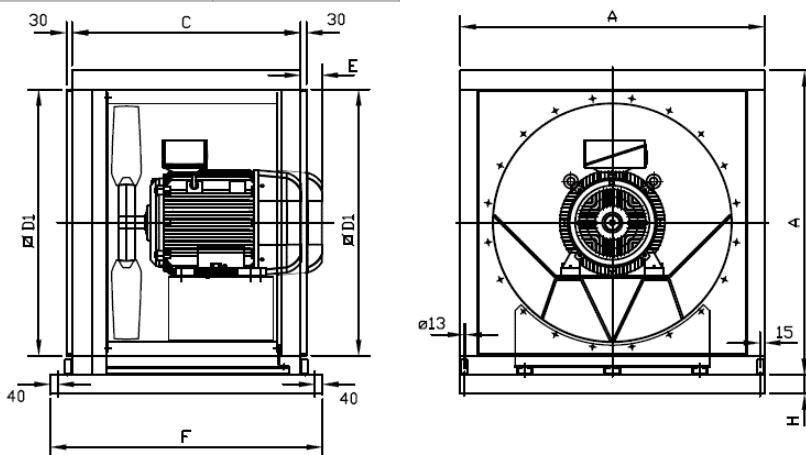
Data can change, please check motor plate

## DIMENSIONS

A	C	D1	F	E	H
1600	1200	1400	1430	-	-

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	402
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-6T/6-7.5 IE3

Code: 1355204



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

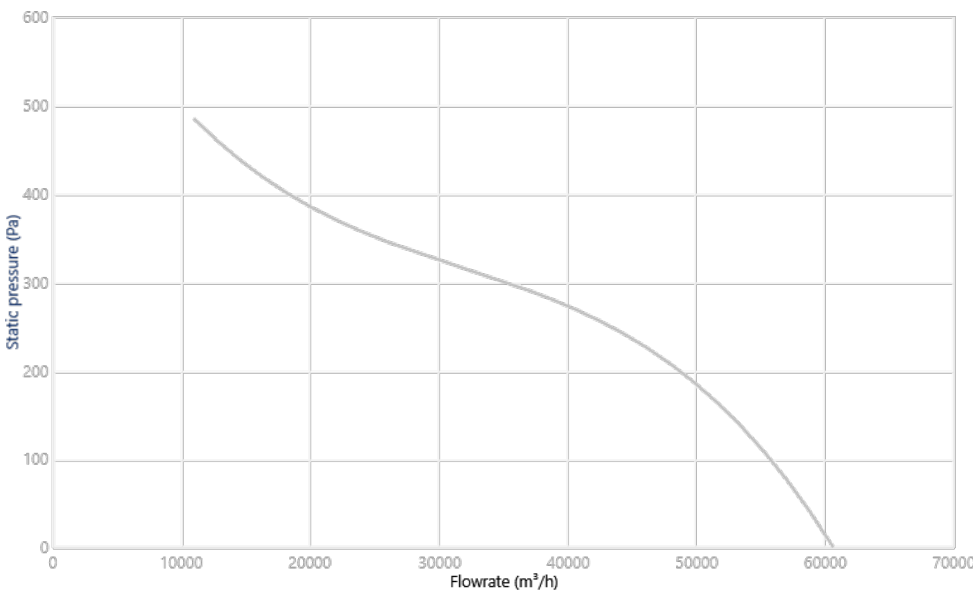
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>

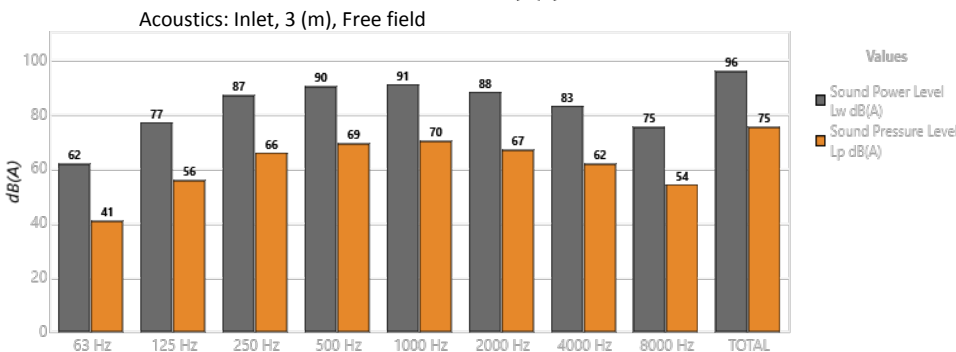


### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-



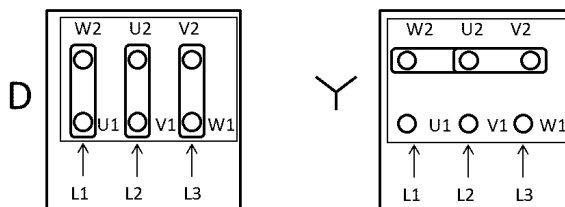
Band	Lw dB(A)	Lp dB(A)
63 Hz	62	41
125 Hz	77	56
250 Hz	87	66
500 Hz	90	69
1000 Hz	91	70
2000 Hz	88	67
4000 Hz	83	62
8000 Hz	75	54
TOTAL	96	75

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	60634
Speed (rpm)	970
Maximum static pressure (Pa)	484.9
Maximum total pressure (Pa)	488.5

## MOTOR DATA

Rated Mechanical Power (kW)	5.5
Hz/phases	50/3
Motor (rpm)	970
Poles	6P
Max. current (A) 380-415 V D	11.2
Max. current (A) 660-725 V Y	6.49
Motor protection	IP55
Motor frame size	132



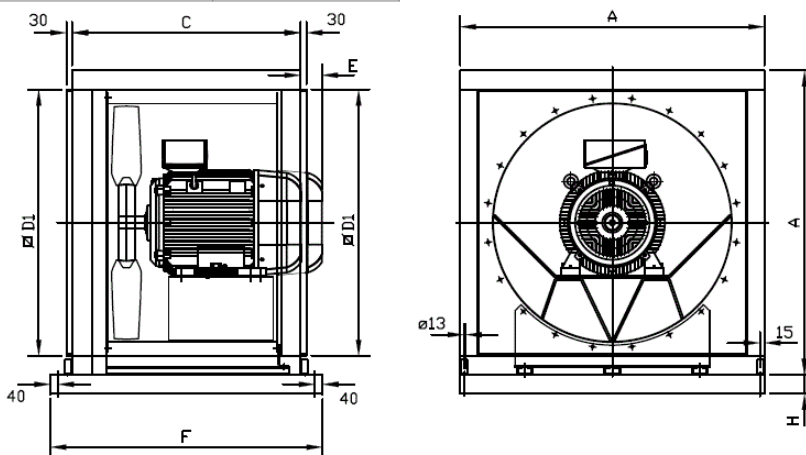
Data can change, please check motor plate

## DIMENSIONS

A	C	D1	F	E	H
1600	1200	1400	1430	-	-

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	410
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-6T/9-10 IE3

Code: 1355208



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

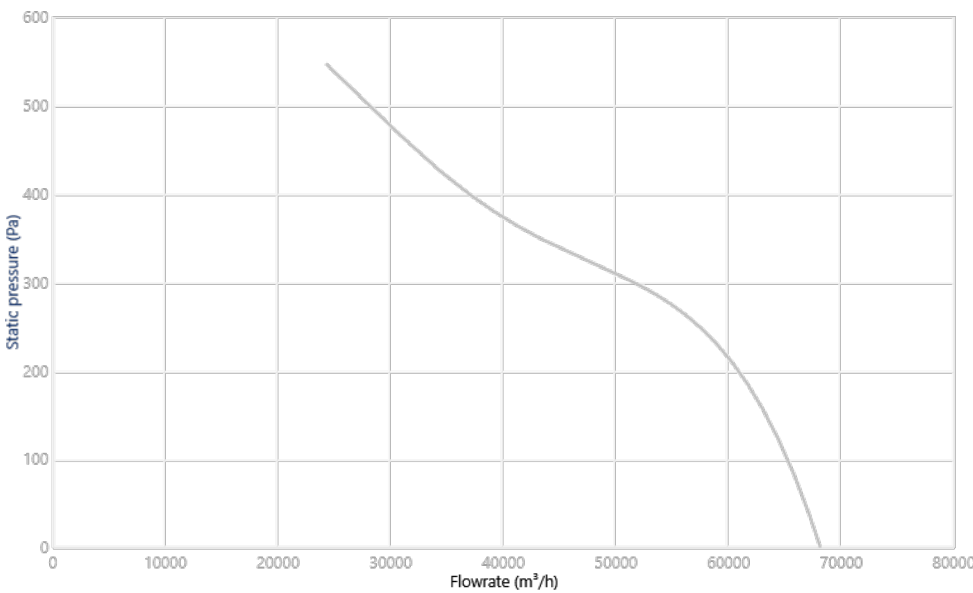
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



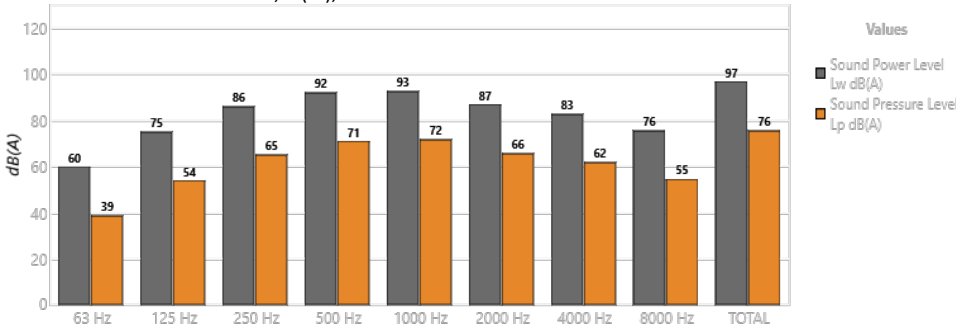
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



Band	Lw dB(A)	Lp dB(A)
63 Hz	60	39
125 Hz	75	54
250 Hz	86	65
500 Hz	92	71
1000 Hz	93	72
2000 Hz	87	66
4000 Hz	83	62
8000 Hz	76	55
TOTAL	97	76

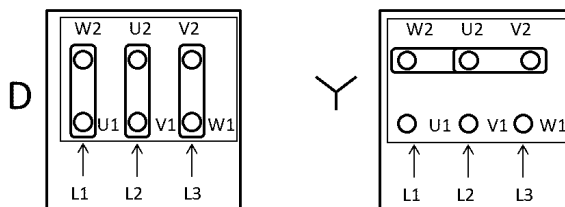


## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	68164
Speed (rpm)	975
Maximum static pressure (Pa)	546.5
Maximum total pressure (Pa)	564.6

## MOTOR DATA

Rated Mechanical Power (kW)	7.5
Hz/phases	50/3
Motor (rpm)	975
Poles	6P
Max. current (A) 380-415 V D	14.8
Max. current (A) 660-725 V Y	8.58
Motor protection	IP55
Motor frame size	160M



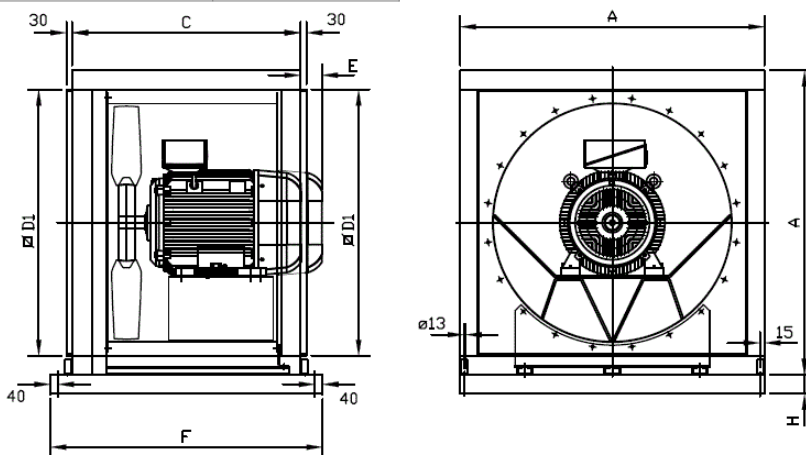
Data can change, please check motor plate

## DIMENSIONS

□A	C	□D1	F	E	H
1600	1200	1400	1430	-	-

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	467
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-6T/6-10 IE3

Code: 1355205



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

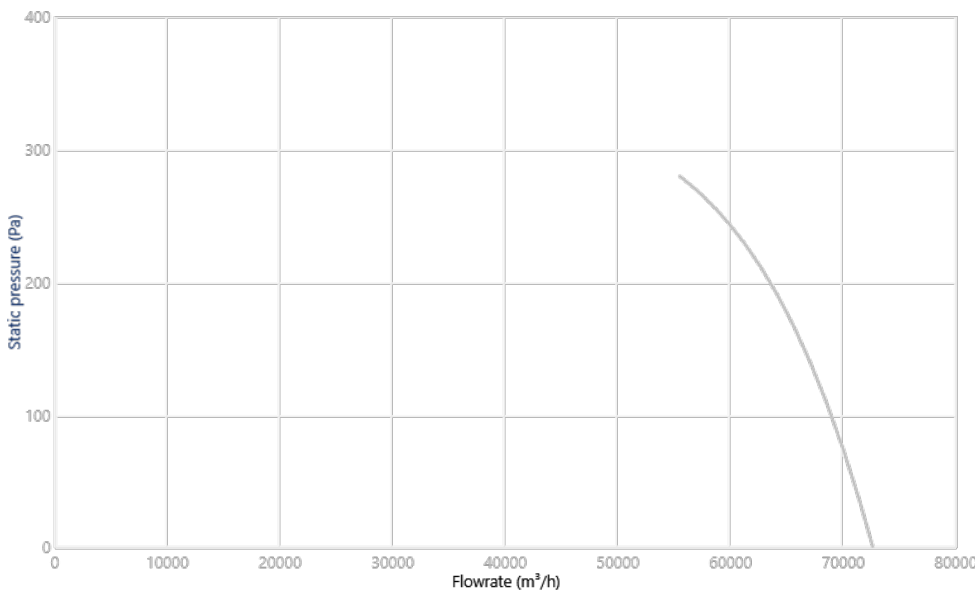
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



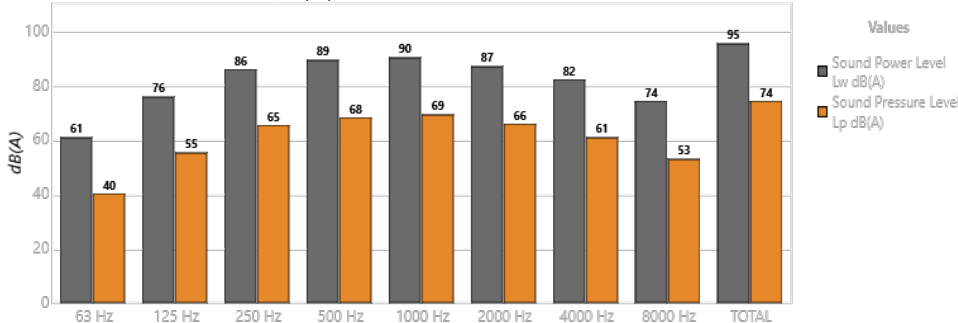
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



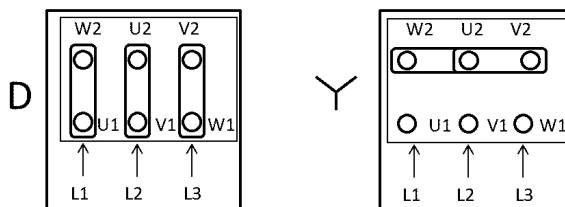
Band	Lw dB(A)	Lp dB(A)
63 Hz	61	40
125 Hz	76	55
250 Hz	86	65
500 Hz	89	68
1000 Hz	90	69
2000 Hz	87	66
4000 Hz	82	61
8000 Hz	74	53
TOTAL	95	74

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	72647
Speed (rpm)	975
Maximum static pressure (Pa)	280.2
Maximum total pressure (Pa)	374.6

## MOTOR DATA

Rated Mechanical Power (kW)	7.5
Hz/phases	50/3
Motor (rpm)	975
Poles	6P
Max. current (A) 380-415 V D	14.8
Max. current (A) 660-725 V Y	8.58
Motor protection	IP55
Motor frame size	160M



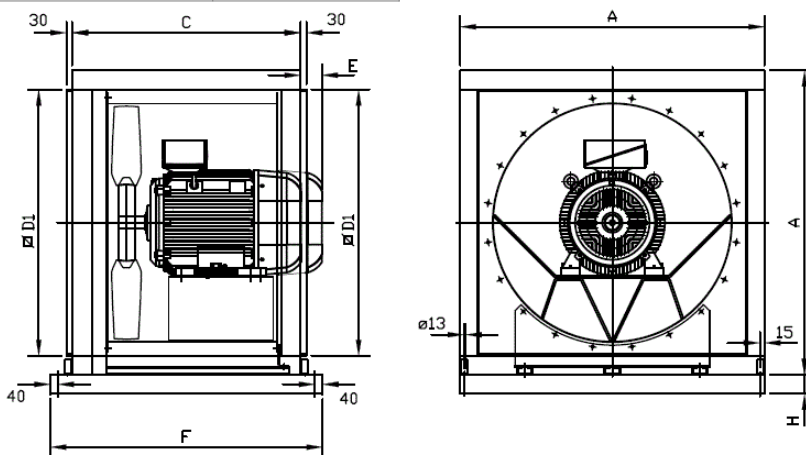
Data can change, please check motor plate

## DIMENSIONS

A	C	D1	F	E	H
1600	1200	1400	1430	-	-

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	458
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-6T/9-15 IE3

Code: 1355209



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

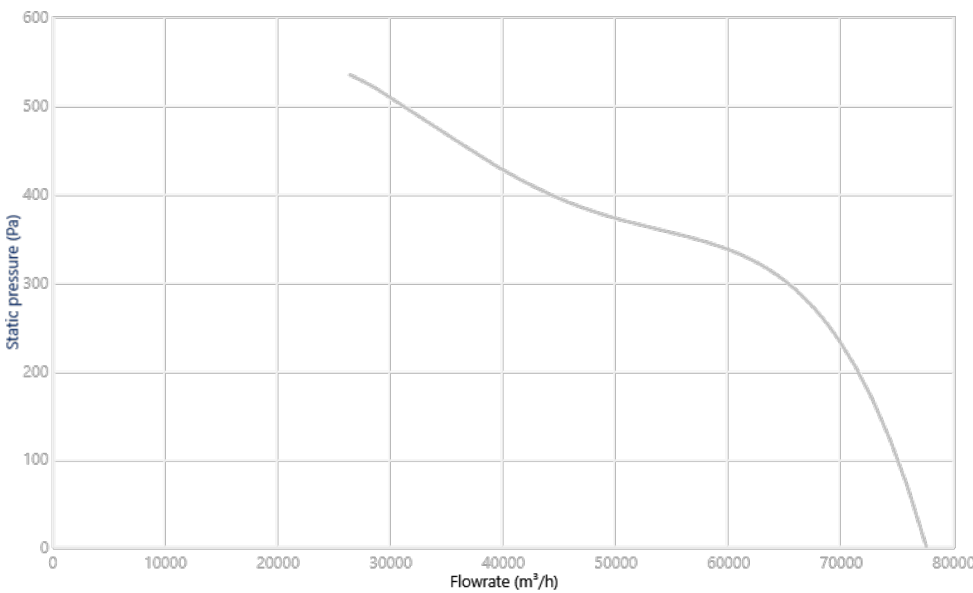
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



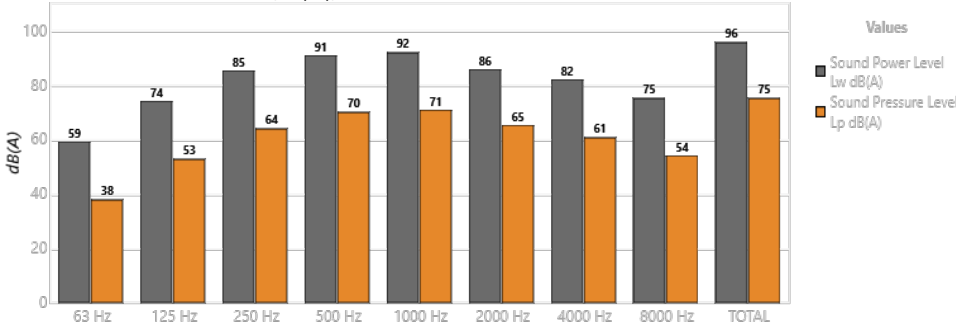
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



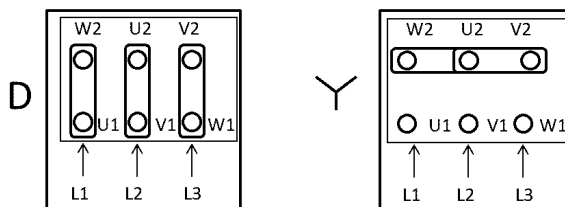
Band	Lw dB(A)	Lp dB(A)
63 Hz	59	38
125 Hz	74	53
250 Hz	85	64
500 Hz	91	70
1000 Hz	92	71
2000 Hz	86	65
4000 Hz	82	61
8000 Hz	75	54
TOTAL	96	75

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	77572
Speed (rpm)	975
Maximum static pressure (Pa)	534.5
Maximum total pressure (Pa)	555.7

## MOTOR DATA

Rated Mechanical Power (kW)	11
Hz/phases	50/3
Motor (rpm)	975
Poles	6P
Max. current (A) 380-415 V D	21.9
Max. current (A) 660-725 V Y	12.7
Motor protection	IP55
Motor frame size	160L



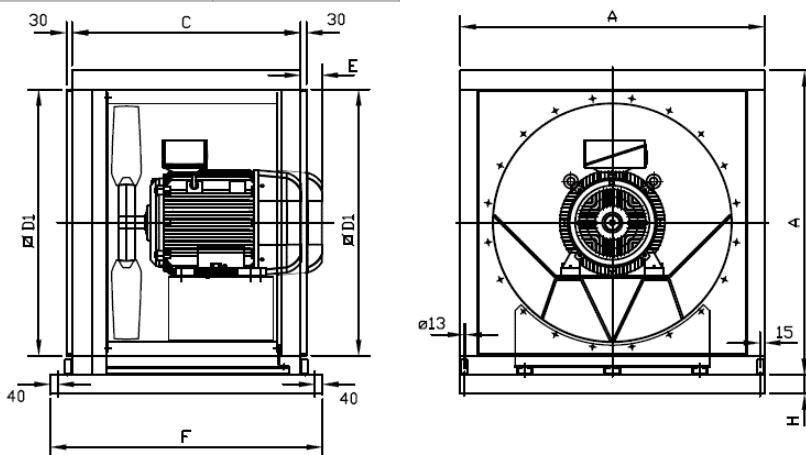
Data can change, please check motor plate

## DIMENSIONS

A	C	D1	F	E	H
1600	1200	1400	1430	-	-

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	484
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-4T/6-20 IE3

Code: 1355185



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

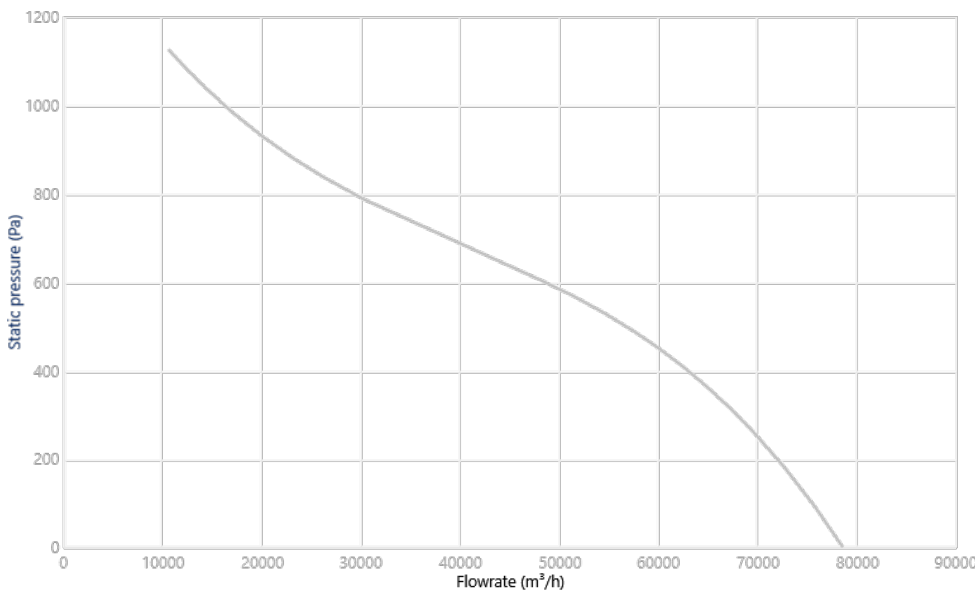
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



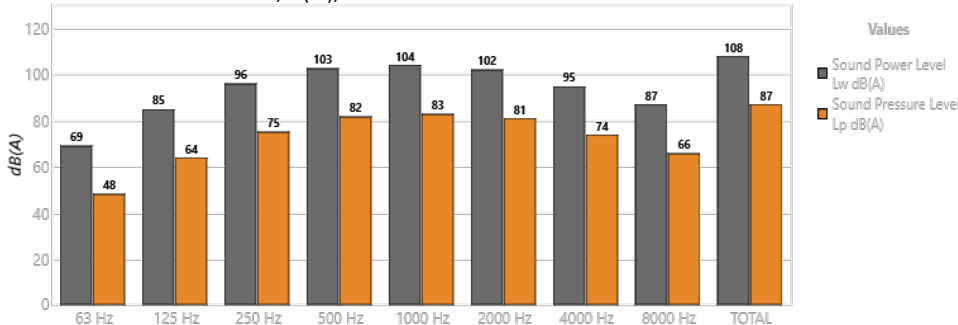
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



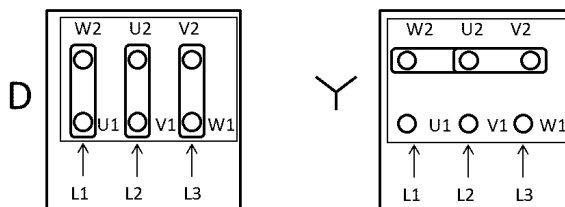
Band	Lw dB(A)	Lp dB(A)
63 Hz	69	48
125 Hz	85	64
250 Hz	96	75
500 Hz	103	82
1000 Hz	104	83
2000 Hz	102	81
4000 Hz	95	74
8000 Hz	87	66
TOTAL	108	87

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	78608
Speed (rpm)	1465
Maximum static pressure (Pa)	1125
Maximum total pressure (Pa)	1129

## MOTOR DATA

Rated Mechanical Power (kW)	15
Hz/phases	50/3
Motor (rpm)	1465
Poles	4P
Max. current (A) 380-415 V D	27.9
Max. current (A) 660-725 V Y	16.2
Motor protection	IP55
Motor frame size	160L



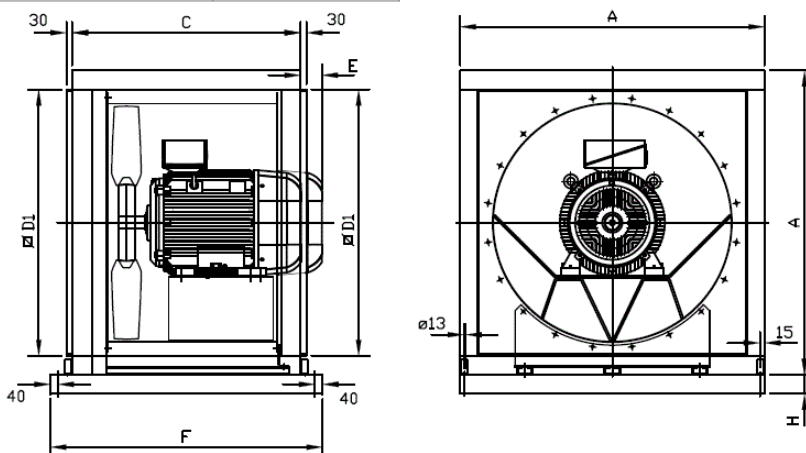
Data can change, please check motor plate

## DIMENSIONS

A	C	D1	F	E	H
1600	1200	1400	1430	-	-

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	466
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-4T/9-25 IE3

Code: 1355192



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

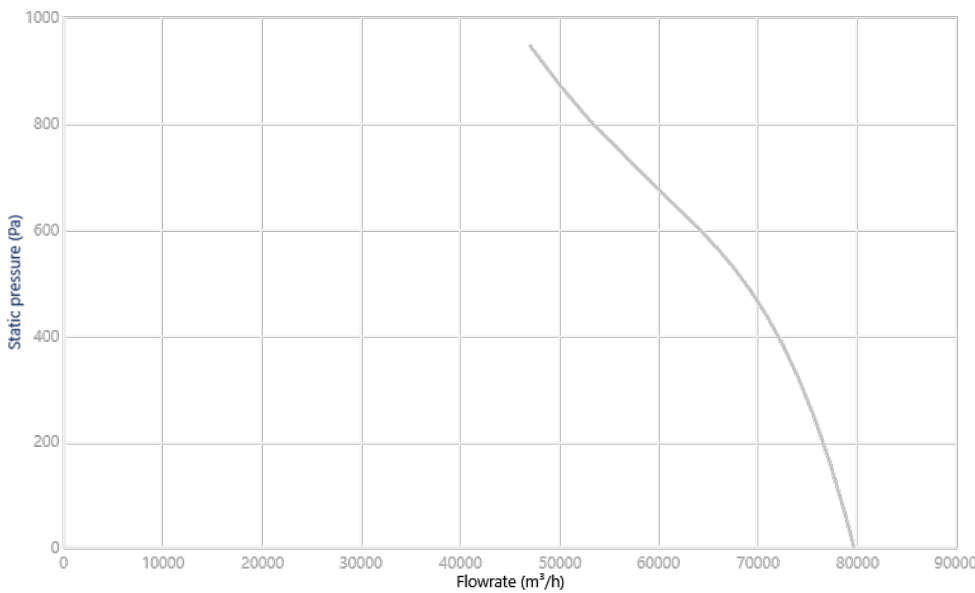
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



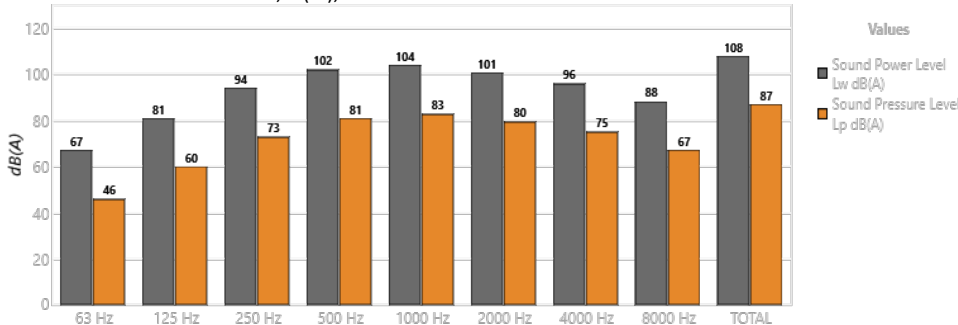
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



Band	Lw dB(A)	Lp dB(A)
63 Hz	67	46
125 Hz	81	60
250 Hz	94	73
500 Hz	102	81
1000 Hz	104	83
2000 Hz	101	80
4000 Hz	96	75
8000 Hz	88	67
TOTAL	108	87

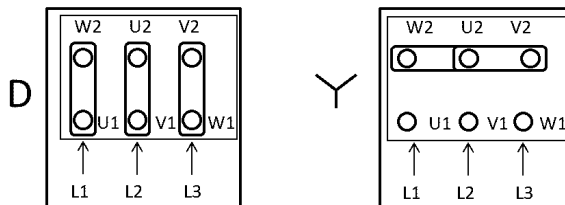


## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	79671
Speed (rpm)	1470
Maximum static pressure (Pa)	946.2
Maximum total pressure (Pa)	1014

## MOTOR DATA

Rated Mechanical Power (kW)	18.5
Hz/phases	50/3
Motor (rpm)	1470
Poles	4P
Max. current (A) 380-415 V D	35.1
Max. current (A) 660-725 V Y	20.3
Motor protection	IP55
Motor frame size	180M



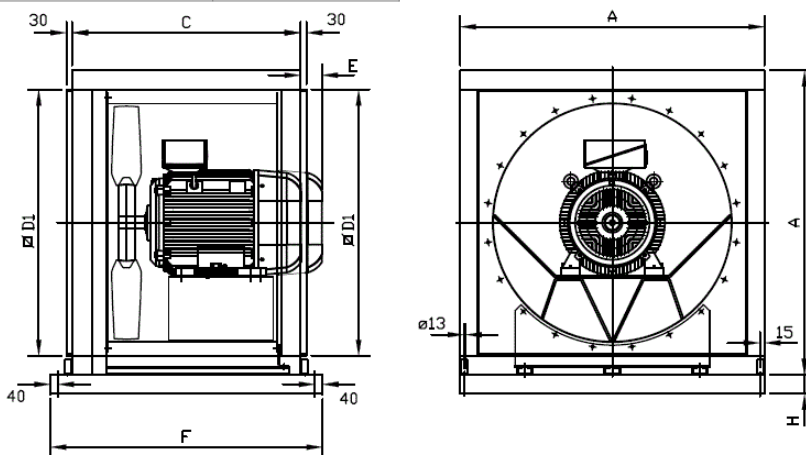
Data can change, please check motor plate

## DIMENSIONS

A	C	D1	F	E	H
1600	1200	1400	1430	-	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	558
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-6T/6-15 IE3

Code: 1355206



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

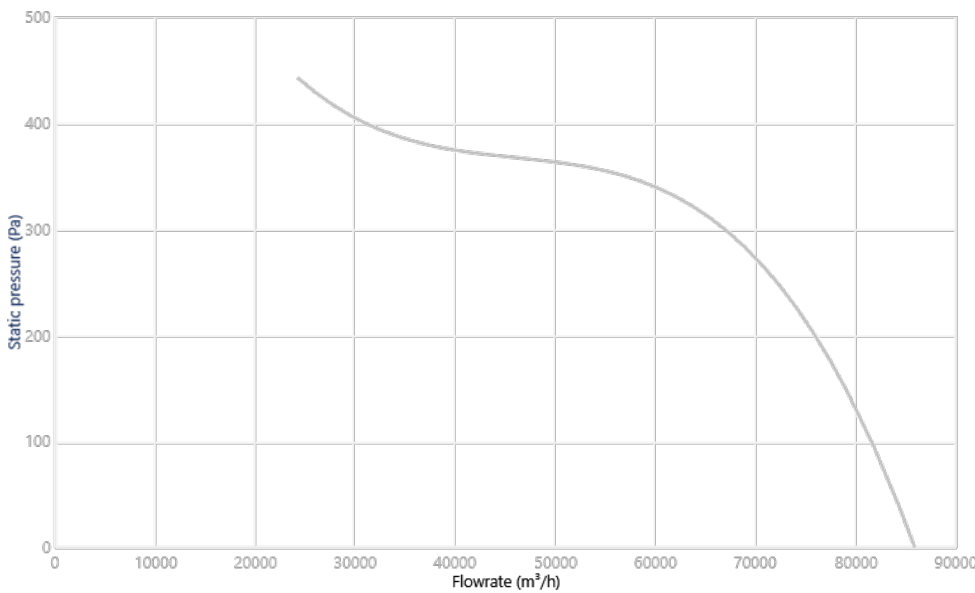
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



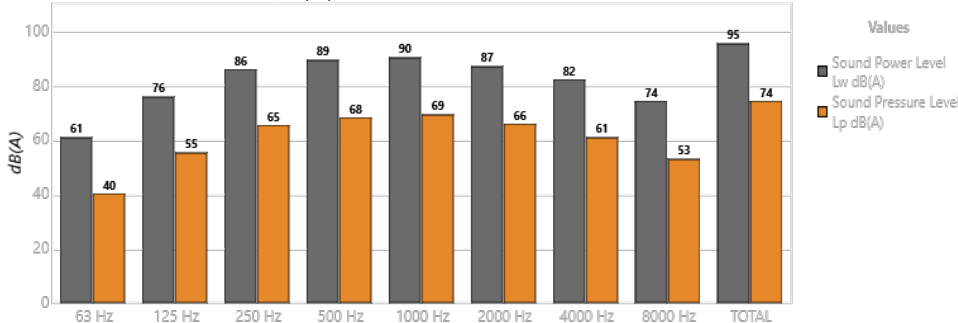
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



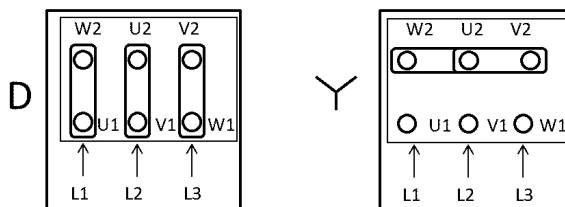
Band	Lw dB(A)	Lp dB(A)
63 Hz	61	40
125 Hz	76	55
250 Hz	86	65
500 Hz	89	68
1000 Hz	90	69
2000 Hz	87	66
4000 Hz	82	61
8000 Hz	74	53
TOTAL	95	74

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	85869
Speed (rpm)	975
Maximum static pressure (Pa)	442.3
Maximum total pressure (Pa)	460.4

## MOTOR DATA

Rated Mechanical Power (kW)	11
Hz/phases	50/3
Motor (rpm)	975
Poles	6P
Max. current (A) 380-415 V D	21.9
Max. current (A) 660-725 V Y	12.7
Motor protection	IP55
Motor frame size	160L



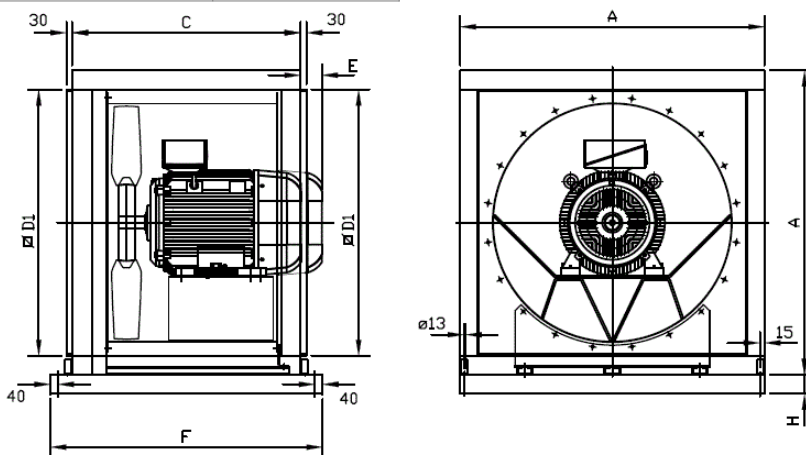
Data can change, please check motor plate

## DIMENSIONS

A	C	D1	F	E	H
1600	1200	1400	1430	-	-

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	475
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-4T/6-25 IE3

Code: 1355186



### Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

**Fan:**

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

**Motor:**

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

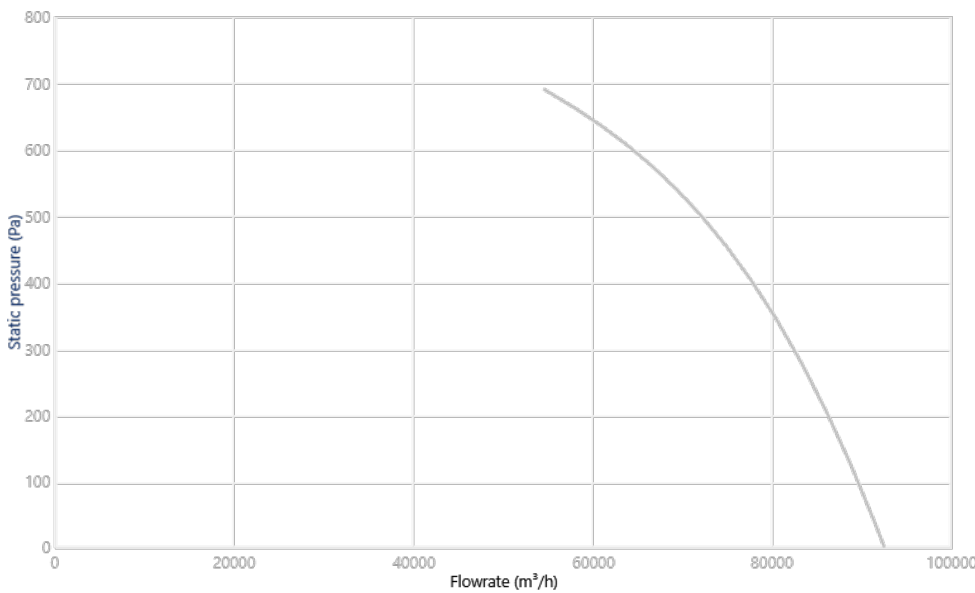
**Finish:**

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

**On request:**

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



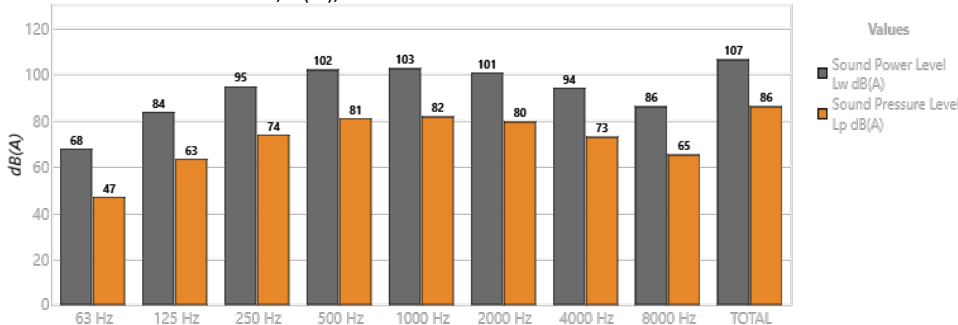
**Design Point**

Q (m³/h)	
Ps (Pa)	

**Service Point (SP)**

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



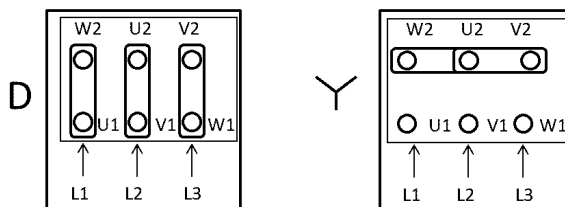
Band	Lw dB(A)	Lp dB(A)
63 Hz	68	47
125 Hz	84	63
250 Hz	95	74
500 Hz	102	81
1000 Hz	103	82
2000 Hz	101	80
4000 Hz	94	73
8000 Hz	86	65
TOTAL	107	86

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	92546
Speed (rpm)	1470
Maximum static pressure (Pa)	690.8
Maximum total pressure (Pa)	782.2

## MOTOR DATA

Rated Mechanical Power (kW)	18.5
Hz/phases	50/3
Motor (rpm)	1470
Poles	4P
Max. current (A) 380-415 V D	35.1
Max. current (A) 660-725 V Y	20.3
Motor protection	IP55
Motor frame size	180M



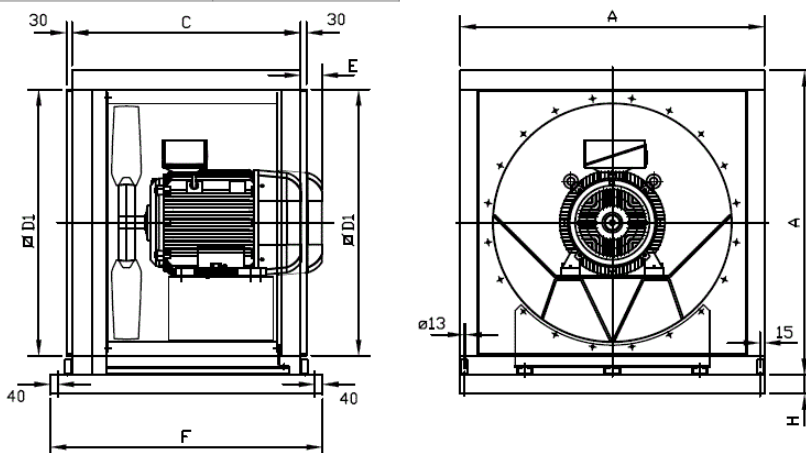
Data can change, please check motor plate

## DIMENSIONS

□A	C	□D1	F	E	H
1600	1200	1400	1430	-	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	549
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-6T/9-20 IE3

Code: 1355210



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

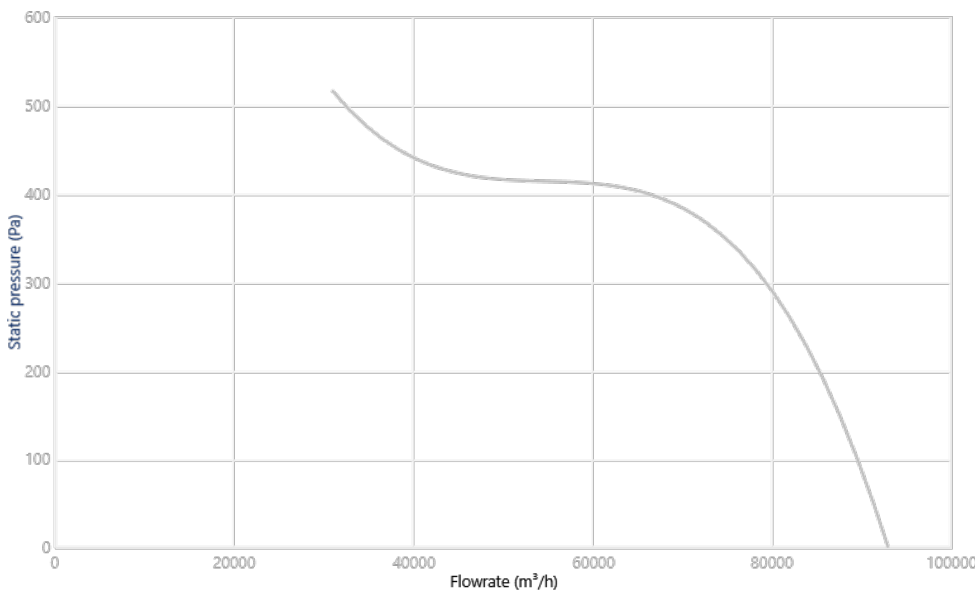
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



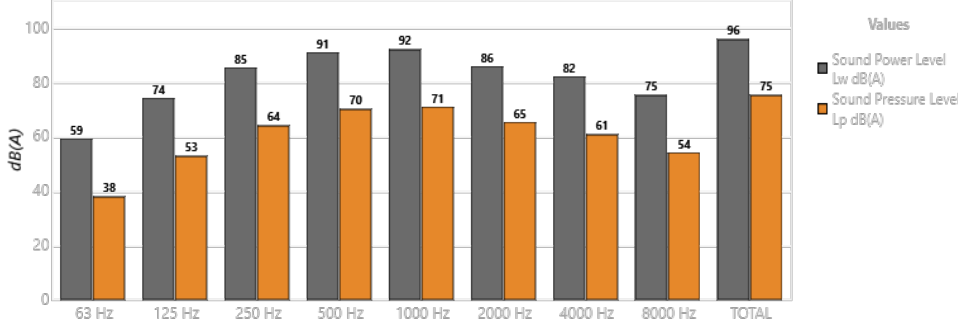
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



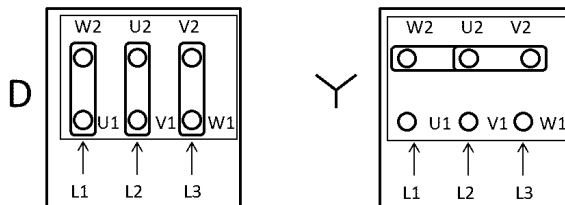
Band	Lw dB(A)	Lp dB(A)
63 Hz	59	38
125 Hz	74	53
250 Hz	85	64
500 Hz	91	70
1000 Hz	92	71
2000 Hz	86	65
4000 Hz	82	61
8000 Hz	75	54
TOTAL	96	75

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	92968
Speed (rpm)	975
Maximum static pressure (Pa)	516.6
Maximum total pressure (Pa)	545.9

## MOTOR DATA

Rated Mechanical Power (kW)	15
Hz/phases	50/3
Motor (rpm)	975
Poles	6P
Max. current (A) 380-415 V D	28.2
Max. current (A) 660-725 V Y	16.3
Motor protection	IP55
Motor frame size	180L



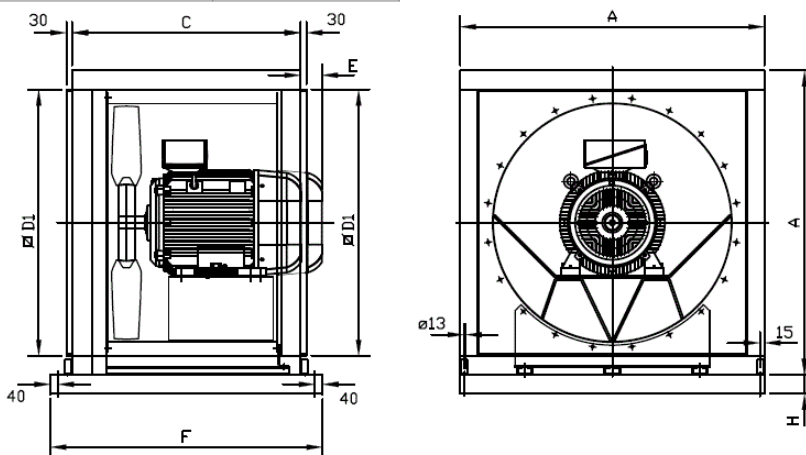
Data can change, please check motor plate

## DIMENSIONS

A	C	D1	F	E	H
1600	1200	1400	1430	-	-

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	551
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-6T/6-20 IE3

Code: 1355207



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

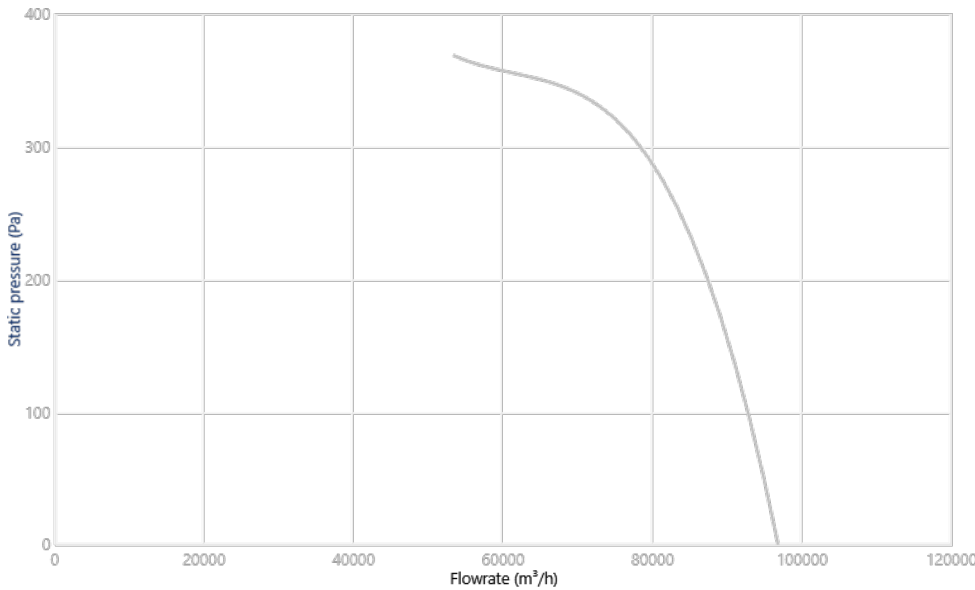
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



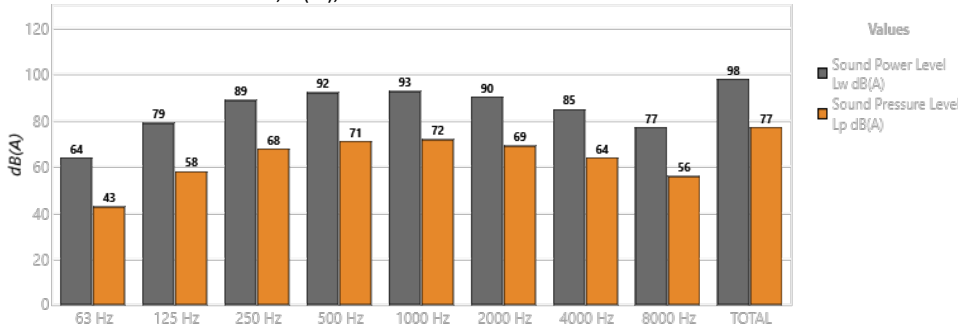
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



Band	Lw dB(A)	Lp dB(A)
63 Hz	64	43
125 Hz	79	58
250 Hz	89	68
500 Hz	92	71
1000 Hz	93	72
2000 Hz	90	69
4000 Hz	85	64
8000 Hz	77	56
TOTAL	98	77

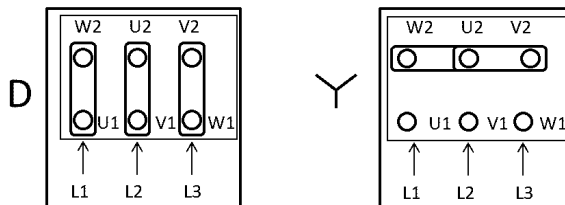


## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	96723
Speed (rpm)	975
Maximum static pressure (Pa)	368.5
Maximum total pressure (Pa)	493.3

## MOTOR DATA

Rated Mechanical Power (kW)	15
Hz/phases	50/3
Motor (rpm)	975
Poles	6P
Max. current (A) 380-415 V D	28.2
Max. current (A) 660-725 V Y	16.3
Motor protection	IP55
Motor frame size	180L



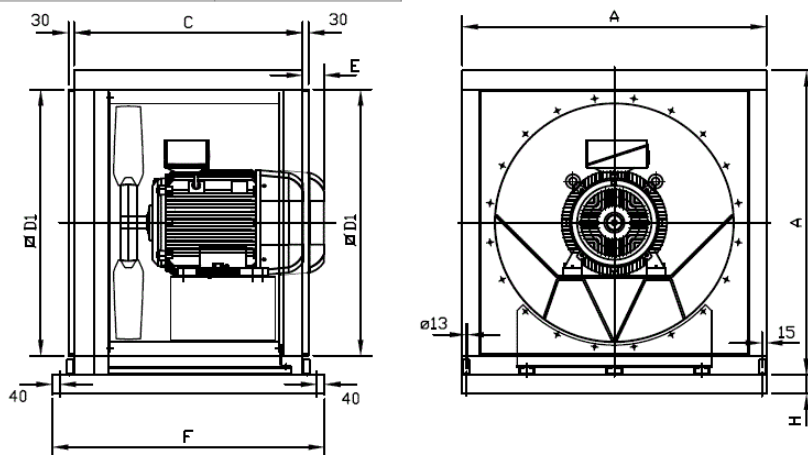
Data can change, please check motor plate

## DIMENSIONS

A	C	D1	F	E	H
1600	1200	1400	1430	-	-

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	542
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-4T/9-30 IE3

Code: 1355193



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

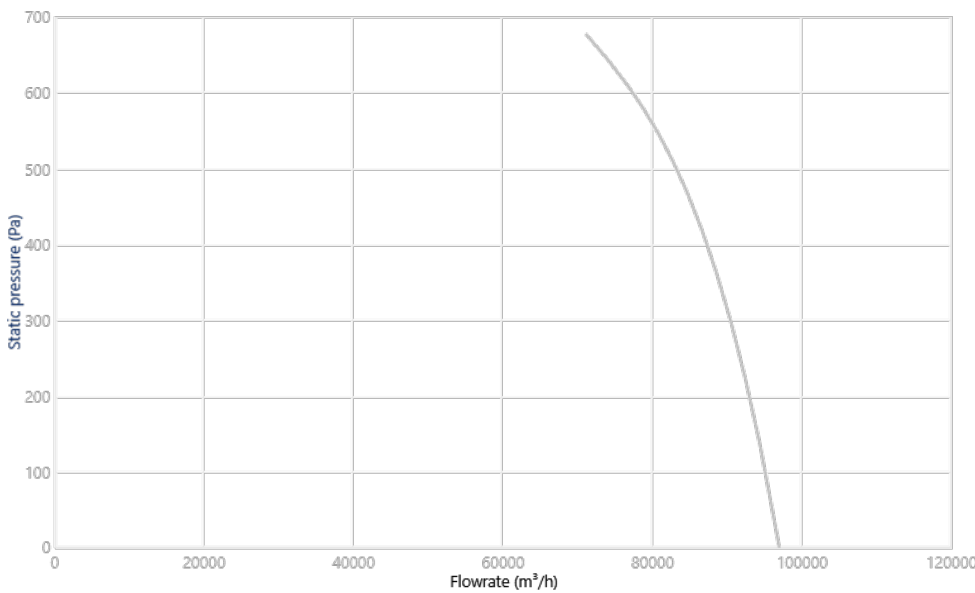
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



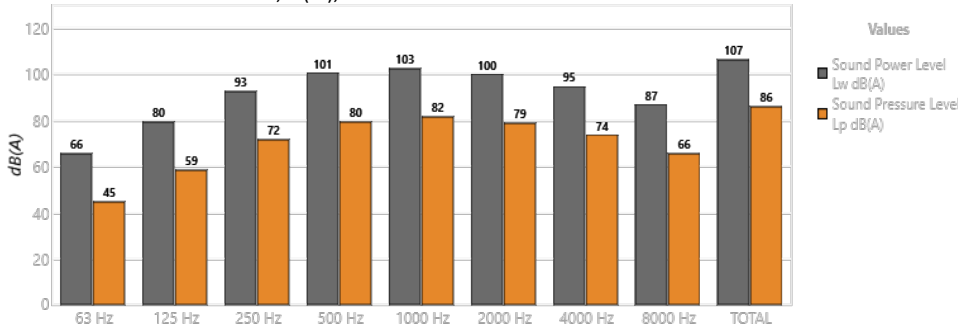
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



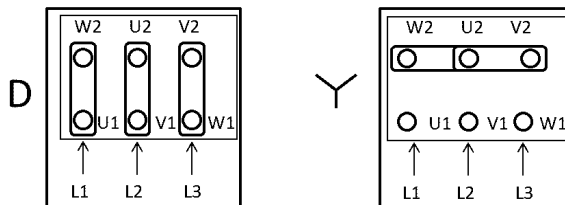
Band	Lw dB(A)	Lp dB(A)
63 Hz	66	45
125 Hz	80	59
250 Hz	93	72
500 Hz	101	80
1000 Hz	103	82
2000 Hz	100	79
4000 Hz	95	74
8000 Hz	87	66
TOTAL	107	86

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	96901
Speed (rpm)	1470
Maximum static pressure (Pa)	677.1
Maximum total pressure (Pa)	832

## MOTOR DATA

Rated Mechanical Power (kW)	22
Hz/phases	50/3
Motor (rpm)	1470
Poles	4P
Max. current (A) 380-415 V D	41
Max. current (A) 660-725 V Y	23.8
Motor protection	IP55
Motor frame size	180L



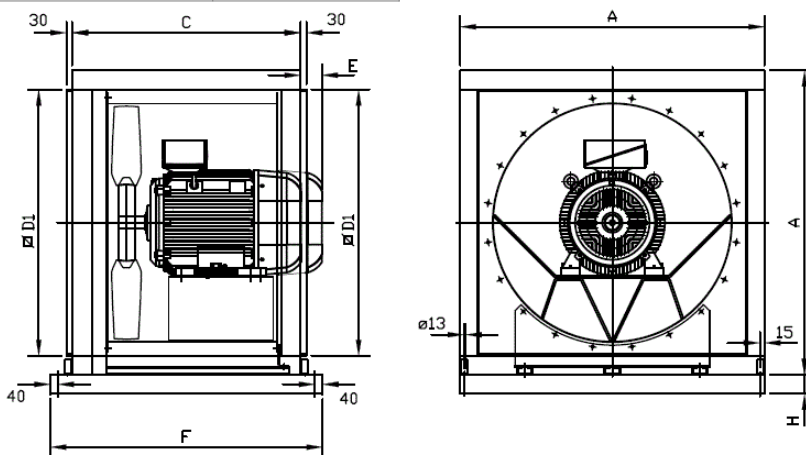
Data can change, please check motor plate

## DIMENSIONS

□A	C	□D1	F	E	H
1600	1200	1400	1430	-	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	563
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-4T/6-30 IE3

Code: 1355187



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

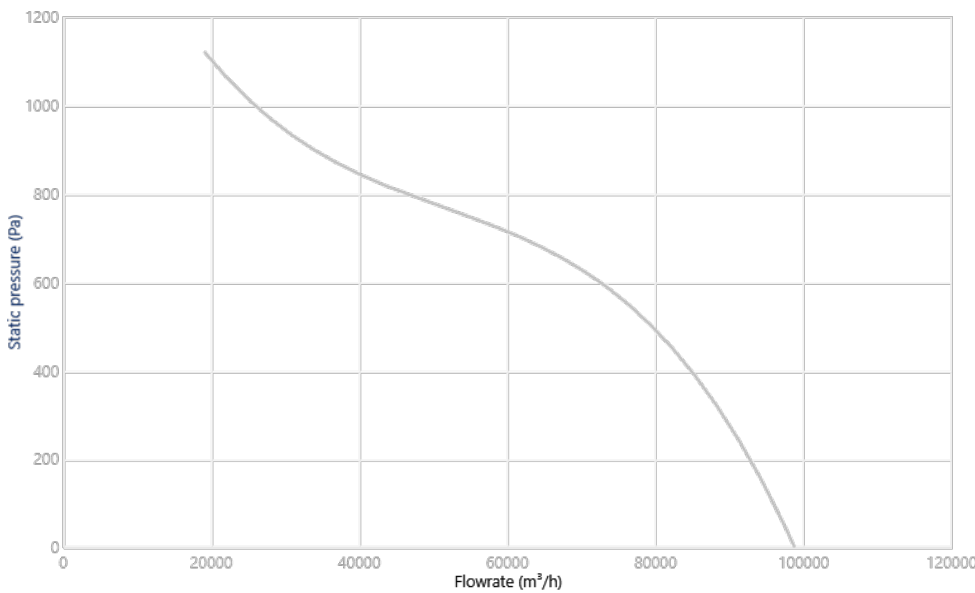
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



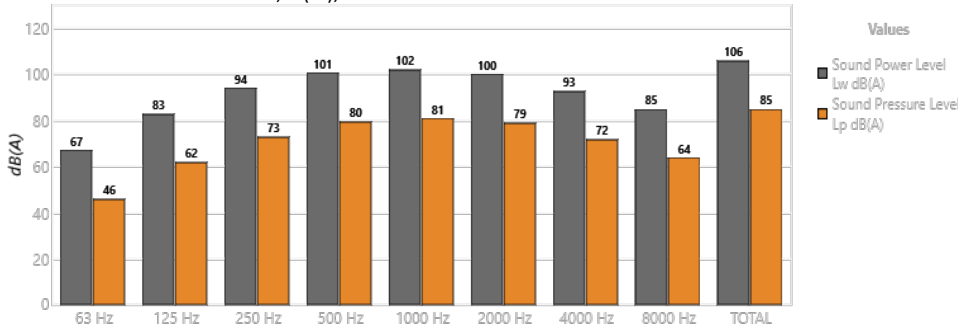
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



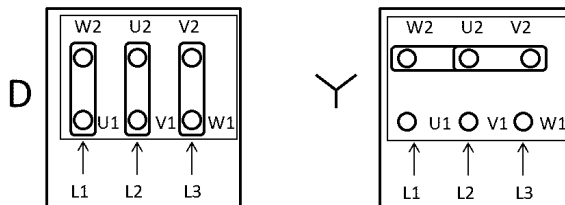
Band	Lw dB(A)	Lp dB(A)
63 Hz	67	46
125 Hz	83	62
250 Hz	94	73
500 Hz	101	80
1000 Hz	102	81
2000 Hz	100	79
4000 Hz	93	72
8000 Hz	85	64
TOTAL	106	85

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	98830
Speed (rpm)	1470
Maximum static pressure (Pa)	1120
Maximum total pressure (Pa)	1131

## MOTOR DATA

Rated Mechanical Power (kW)	22
Hz/phases	50/3
Motor (rpm)	1470
Poles	4P
Max. current (A) 380-415 V D	41
Max. current (A) 660-725 V Y	23.8
Motor protection	IP55
Motor frame size	180L



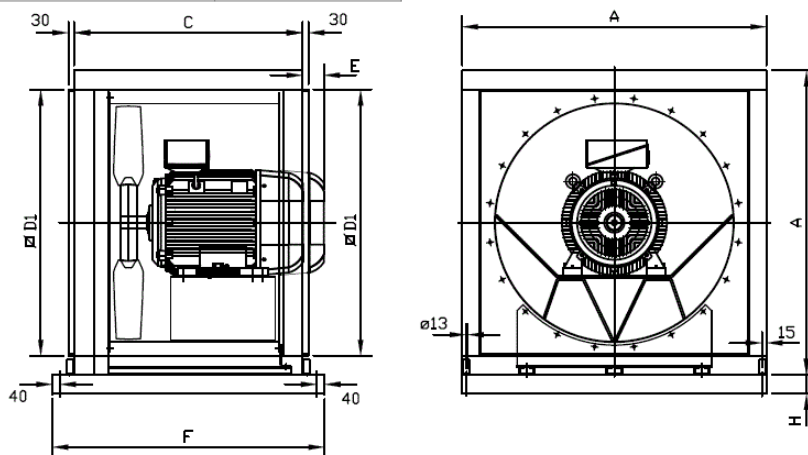
Data can change, please check motor plate

## DIMENSIONS

A	C	D1	F	E	H
1600	1200	1400	1430	-	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	554
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-6T/9-25 IE3

Code: 1355211



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

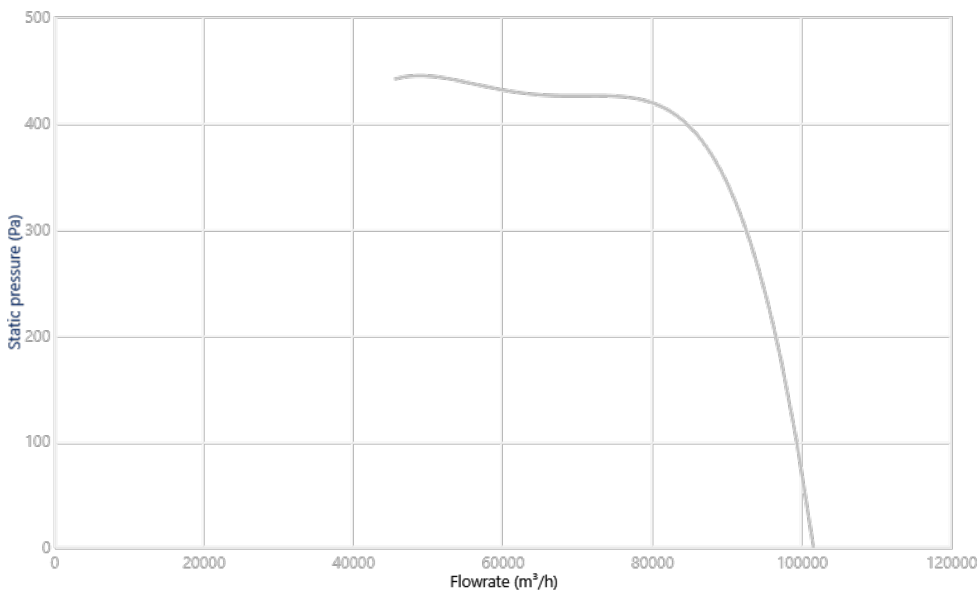
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



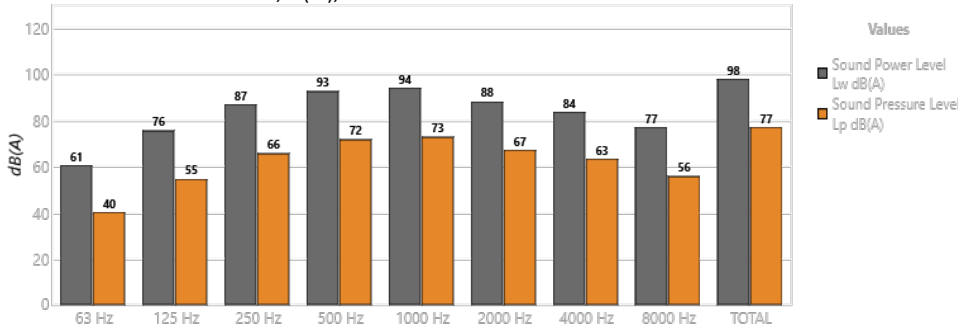
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



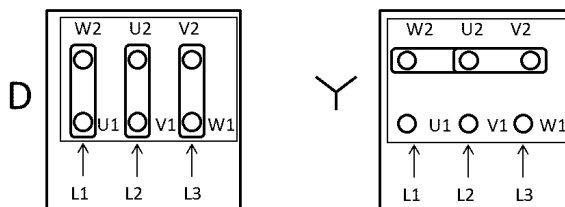
Band	Lw dB(A)	Lp dB(A)
63 Hz	61	40
125 Hz	76	55
250 Hz	87	66
500 Hz	93	72
1000 Hz	94	73
2000 Hz	88	67
4000 Hz	84	63
8000 Hz	77	56
TOTAL	98	77

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	101449
Speed (rpm)	980
Maximum static pressure (Pa)	444.2
Maximum total pressure (Pa)	619.1

## MOTOR DATA

Rated Mechanical Power (kW)	18.5
Hz/phases	50/3
Motor (rpm)	980
Poles	6P
Max. current (A) 380-415 V D	35.9
Max. current (A) 660-725 V Y	20.8
Motor protection	IP55
Motor frame size	200L



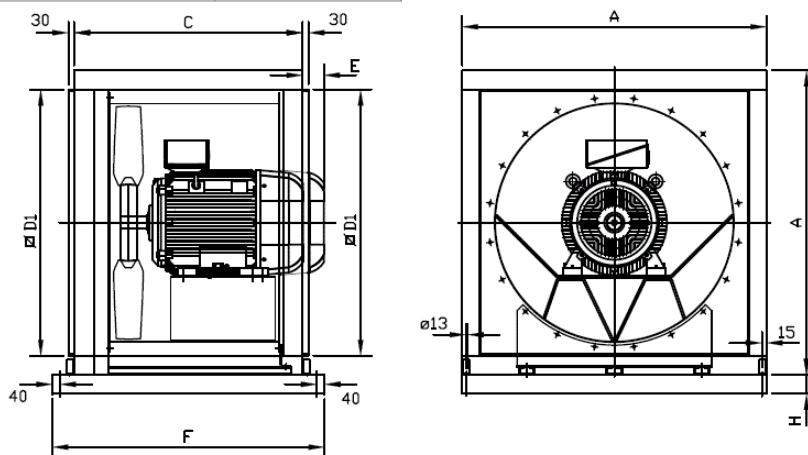
Data can change, please check motor plate

## DIMENSIONS

A	C	D1	F	E	H
1600	1200	1400	1430	-	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	558
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-4T/12-50 IE3

Code: 1355199



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

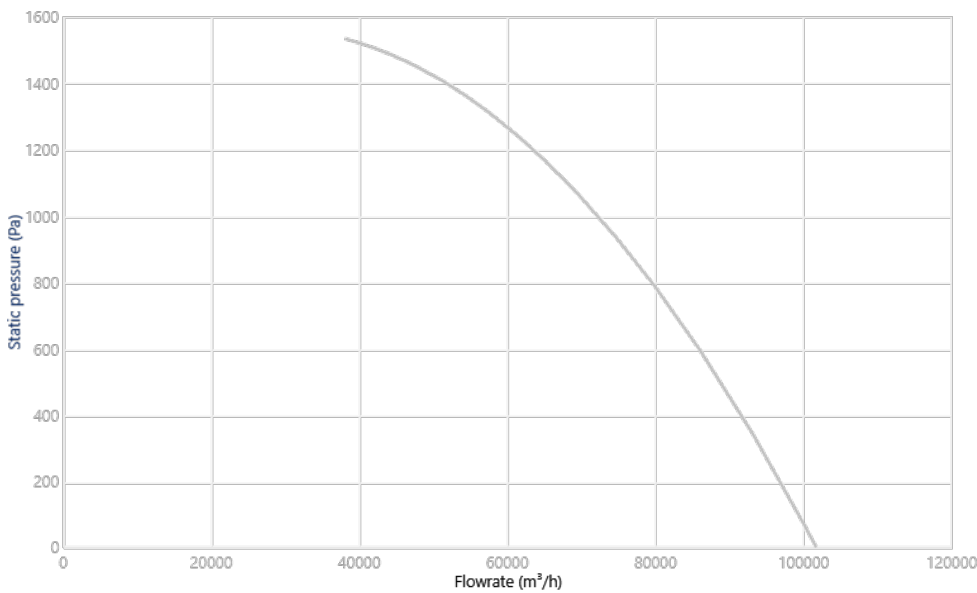
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



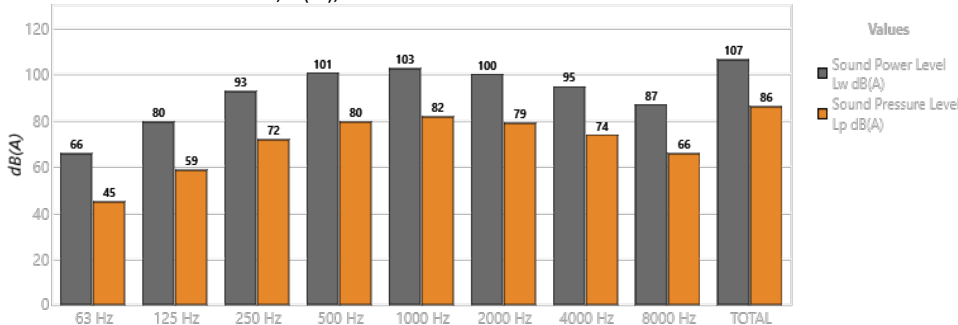
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



Band	Lw dB(A)	Lp dB(A)
63 Hz	66	45
125 Hz	80	59
250 Hz	93	72
500 Hz	101	80
1000 Hz	103	82
2000 Hz	100	79
4000 Hz	95	74
8000 Hz	87	66
TOTAL	107	86

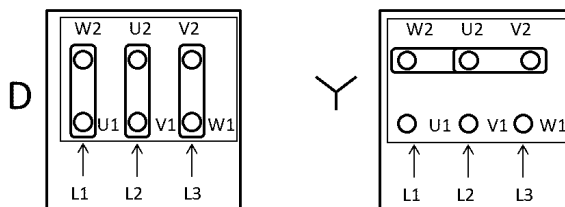


## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	101658
Speed (rpm)	1480
Maximum static pressure (Pa)	1533
Maximum total pressure (Pa)	1577

## MOTOR DATA

Rated Mechanical Power (kW)	37
Hz/phases	50/3
Motor (rpm)	1480
Poles	4P
Max. current (A) 380-415 V D	66.8
Max. current (A) 660-725 V Y	38.7
Motor protection	IP55
Motor frame size	225S/M



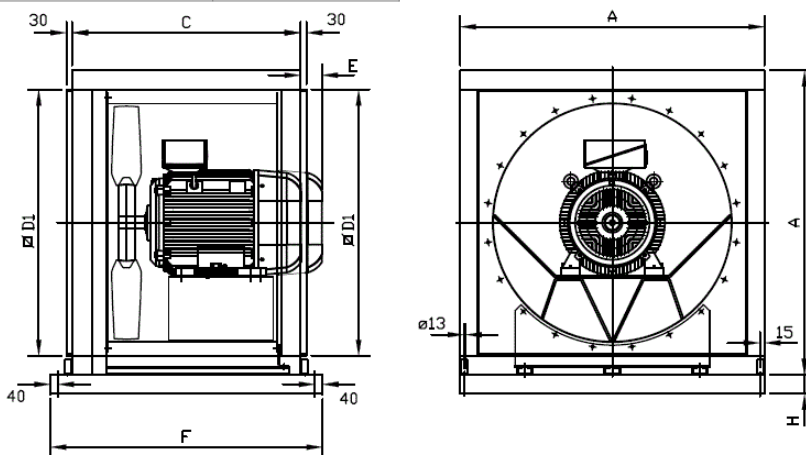
Data can change, please check motor plate

## DIMENSIONS

A	C	D1	F	E	H
1600	1200	1400	1430	-	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	734
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-4T/9-40 IE3

Code: 1355194



### Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

**Fan:**

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

**Motor:**

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

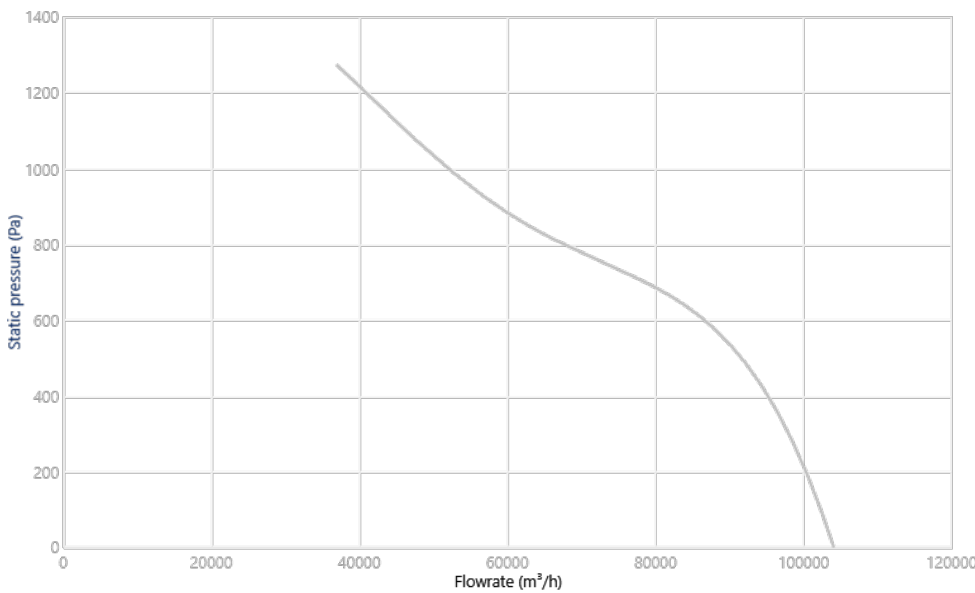
**Finish:**

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

**On request:**

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



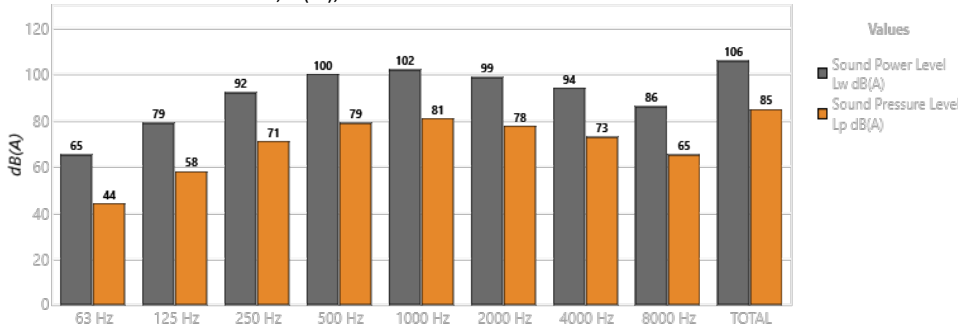
**Design Point**

Q (m³/h)	
Ps (Pa)	

**Service Point (SP)**

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



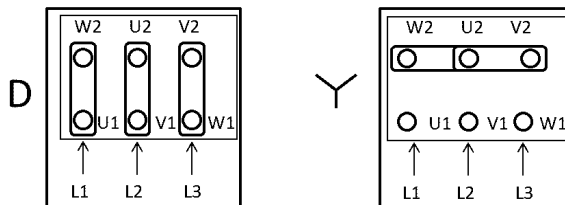
Band	Lw dB(A)	Lp dB(A)
63 Hz	65	44
125 Hz	79	58
250 Hz	92	71
500 Hz	100	79
1000 Hz	102	81
2000 Hz	99	78
4000 Hz	94	73
8000 Hz	86	65
TOTAL	106	85

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	104040
Speed (rpm)	1480
Maximum static pressure (Pa)	1273
Maximum total pressure (Pa)	1315

## MOTOR DATA

Rated Mechanical Power (kW)	30
Hz/phases	50/3
Motor (rpm)	1480
Poles	4P
Max. current (A) 380-415 V D	57.1
Max. current (A) 660-725 V Y	33.1
Motor protection	IP55
Motor frame size	200L



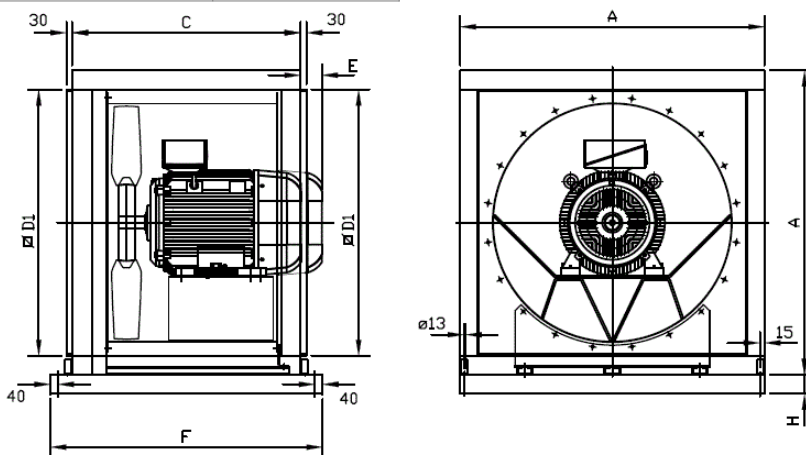
Data can change, please check motor plate

## DIMENSIONS

A	C	D1	F	E	H
1600	1200	1400	1430	-	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	615
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-6T/9-30 IE3

Code: 1355212



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

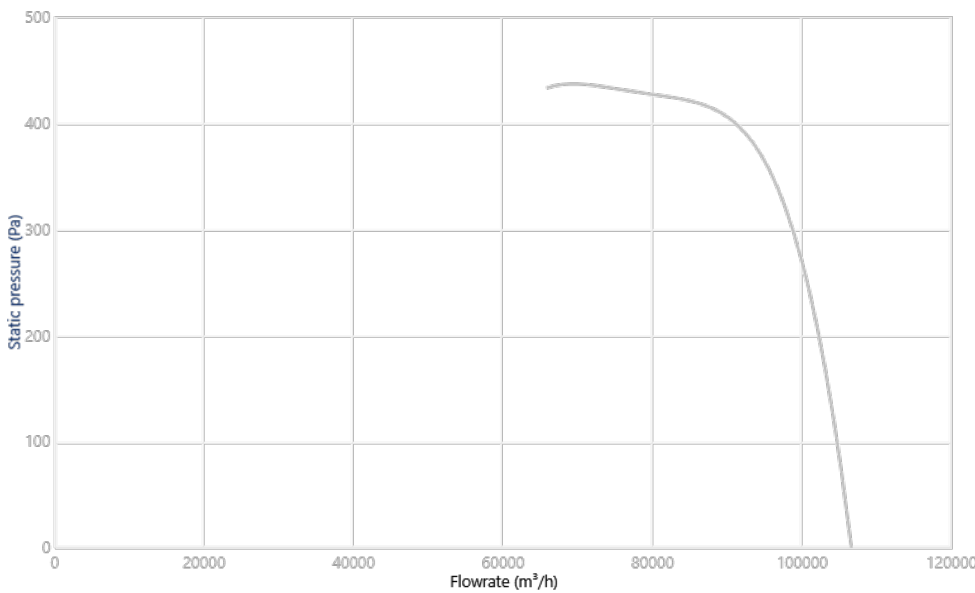
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



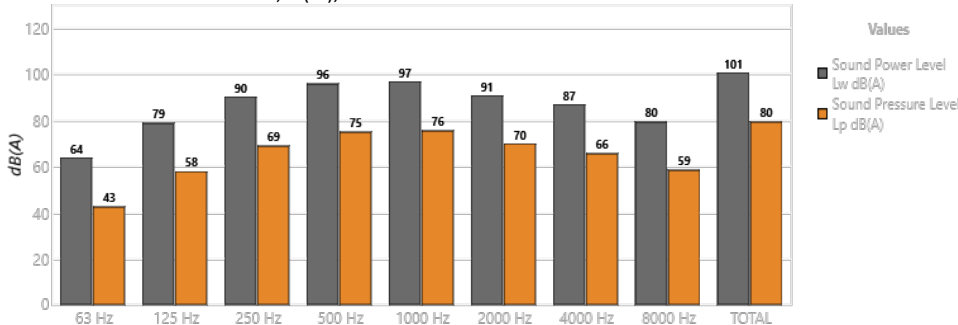
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



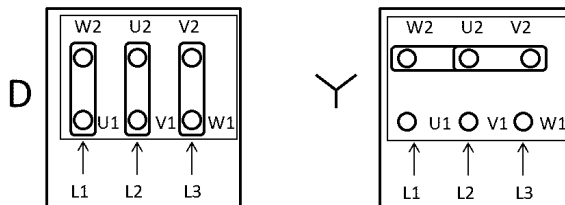
Band	Lw dB(A)	Lp dB(A)
63 Hz	64	43
125 Hz	79	58
250 Hz	90	69
500 Hz	96	75
1000 Hz	97	76
2000 Hz	91	70
4000 Hz	87	66
8000 Hz	80	59
TOTAL	101	80

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	106524
Speed (rpm)	980
Maximum static pressure (Pa)	436.5
Maximum total pressure (Pa)	654.1

## MOTOR DATA

Rated Mechanical Power (kW)	22
Hz/phases	50/3
Motor (rpm)	980
Poles	6P
Max. current (A) 380-415 V D	42.4
Max. current (A) 660-725 V Y	24.6
Motor protection	IP55
Motor frame size	200L



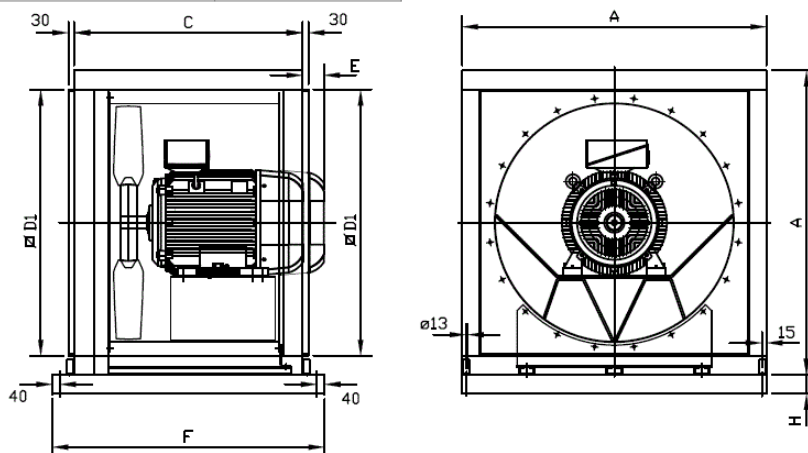
Data can change, please check motor plate

## DIMENSIONS

A	C	D1	F	E	H
1600	1200	1400	1430	-	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	563
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-4T/12-60 IE3

Code: 1355200



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

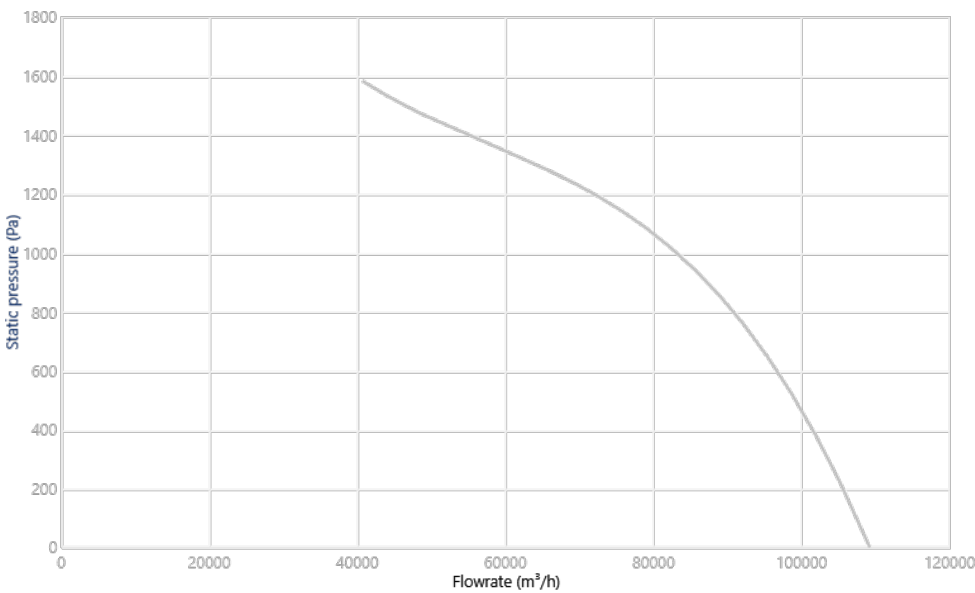
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



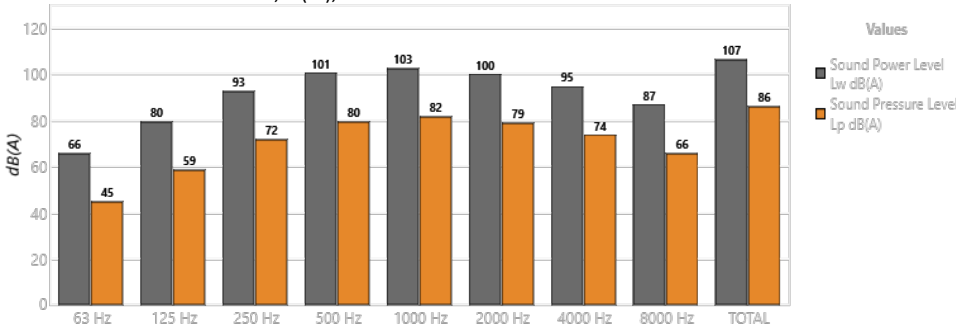
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



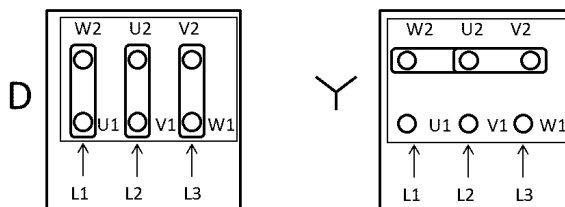
Band	Lw dB(A)	Lp dB(A)
63 Hz	66	45
125 Hz	80	59
250 Hz	93	72
500 Hz	101	80
1000 Hz	103	82
2000 Hz	100	79
4000 Hz	95	74
8000 Hz	87	66
TOTAL	107	86

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	109181
Speed (rpm)	1475
Maximum static pressure (Pa)	1581
Maximum total pressure (Pa)	1632

## MOTOR DATA

Rated Mechanical Power (kW)	45
Hz/phases	50/3
Motor (rpm)	1475
Poles	4P
Max. current (A) 380-415 V D	80.9
Max. current (A) 660-725 V Y	46.9
Motor protection	IP55
Motor frame size	225S/M



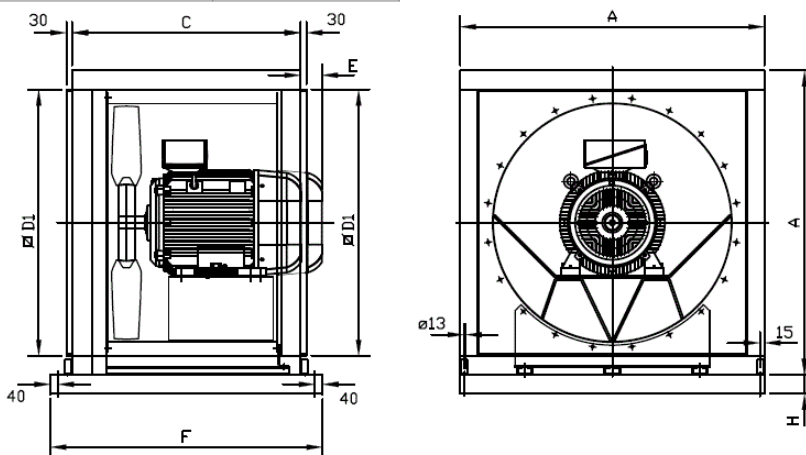
Data can change, please check motor plate

## DIMENSIONS

A	C	D1	F	E	H
1600	1200	1400	1430	-	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	785
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-4T/6-40 IE3

Code: 1355188



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

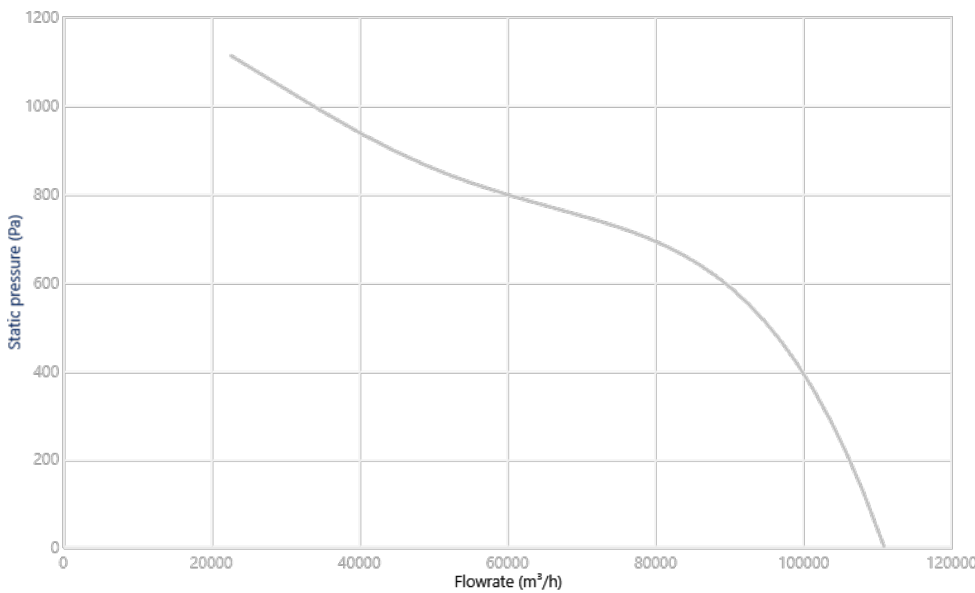
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



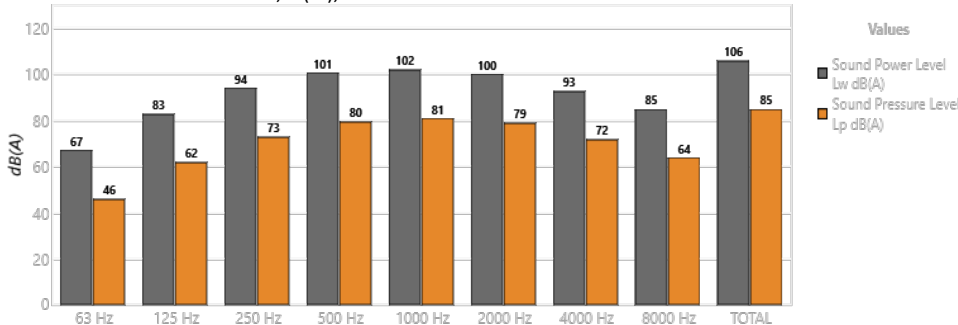
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



Band	Lw dB(A)	Lp dB(A)
63 Hz	67	46
125 Hz	83	62
250 Hz	94	73
500 Hz	101	80
1000 Hz	102	81
2000 Hz	100	79
4000 Hz	93	72
8000 Hz	85	64
TOTAL	106	85

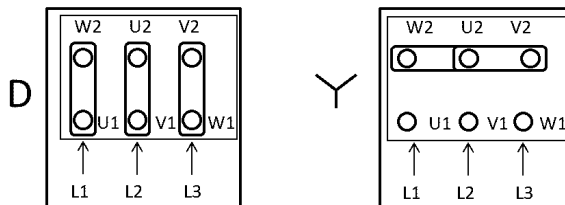


## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	110882
Speed (rpm)	1480
Maximum static pressure (Pa)	1112
Maximum total pressure (Pa)	1128

## MOTOR DATA

Rated Mechanical Power (kW)	30
Hz/phases	50/3
Motor (rpm)	1480
Poles	4P
Max. current (A) 380-415 V D	57.1
Max. current (A) 660-725 V Y	33.1
Motor protection	IP55
Motor frame size	200L



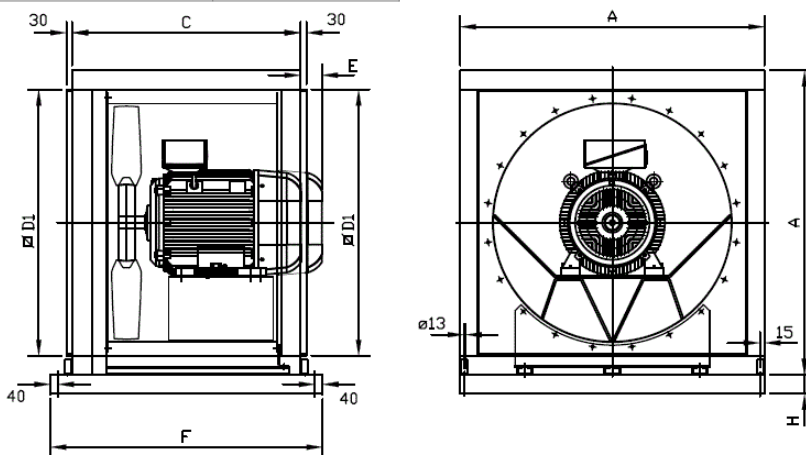
Data can change, please check motor plate

## DIMENSIONS

A	C	D1	F	E	H
1600	1200	1400	1430	-	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	606
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-4T/9-50 IE3

Code: 1355195



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

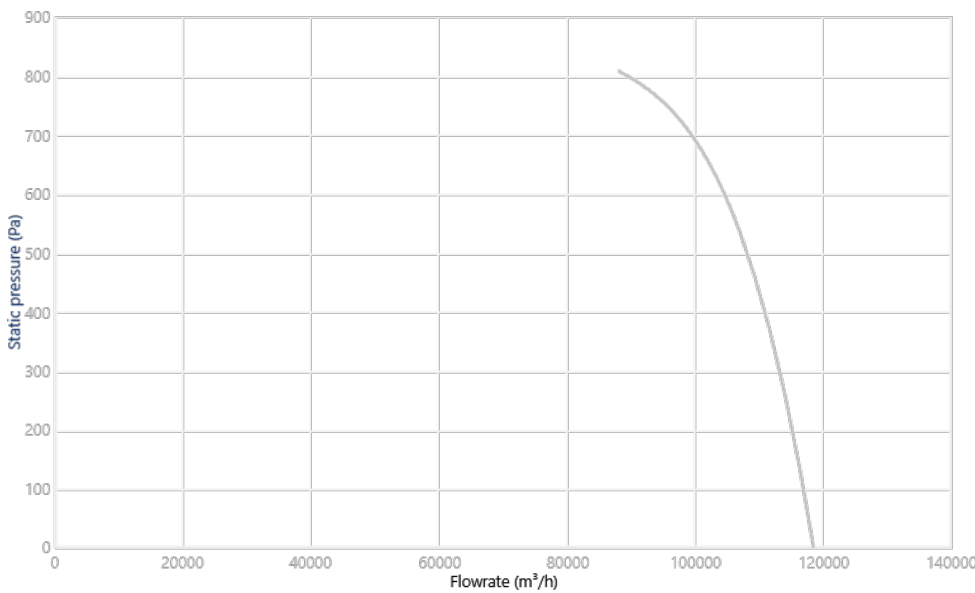
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



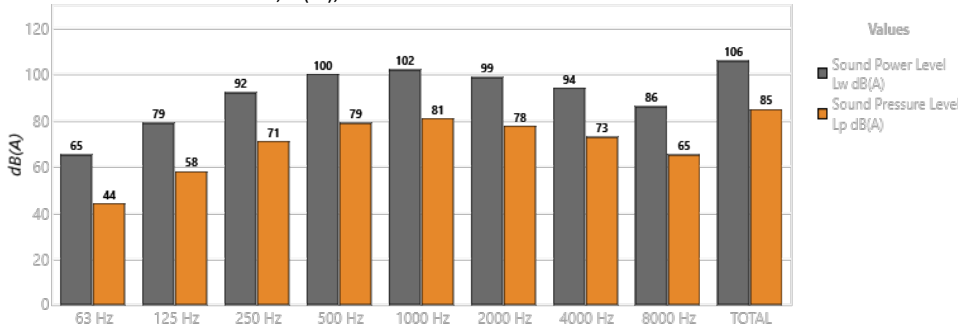
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



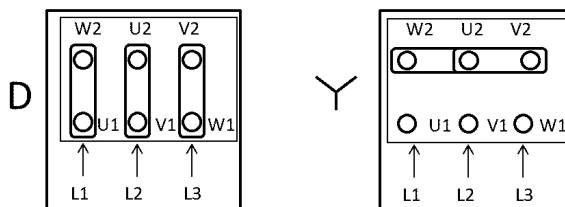
Band	Lw dB(A)	Lp dB(A)
63 Hz	65	44
125 Hz	79	58
250 Hz	92	71
500 Hz	100	79
1000 Hz	102	81
2000 Hz	99	78
4000 Hz	94	73
8000 Hz	86	65
TOTAL	106	85

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	118399
Speed (rpm)	1480
Maximum static pressure (Pa)	807.9
Maximum total pressure (Pa)	1045

## MOTOR DATA

Rated Mechanical Power (kW)	37
Hz/phases	50/3
Motor (rpm)	1480
Poles	4P
Max. current (A) 380-415 V D	66.8
Max. current (A) 660-725 V Y	38.7
Motor protection	IP55
Motor frame size	225S/M



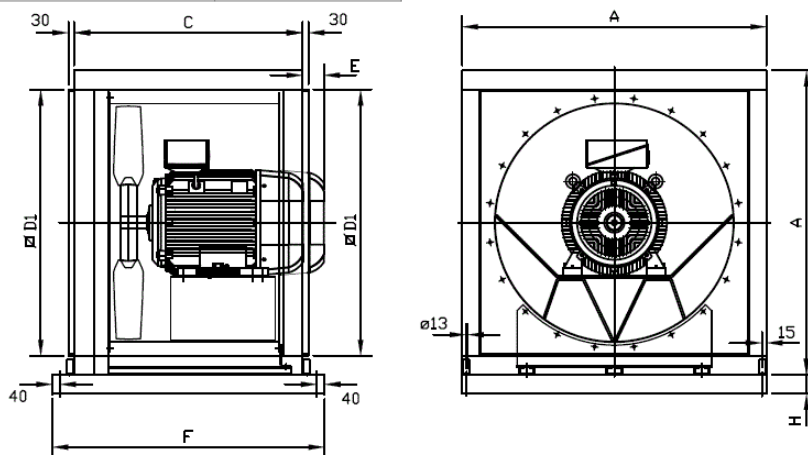
Data can change, please check motor plate

## DIMENSIONS

□A	C	□D1	F	E	H
1600	1200	1400	1430	-	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	743
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-4T/6-50 IE3

Code: 1355189



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

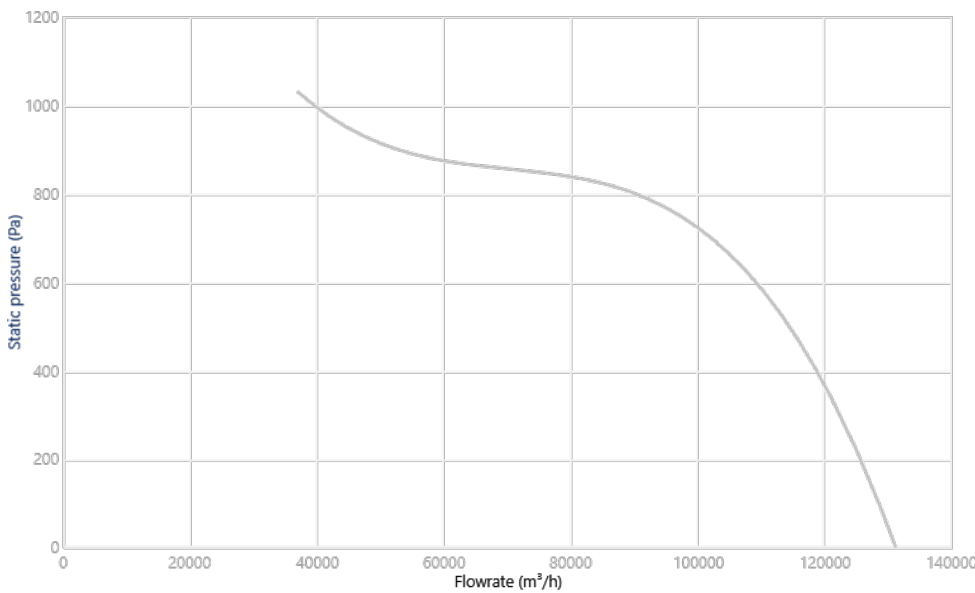
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



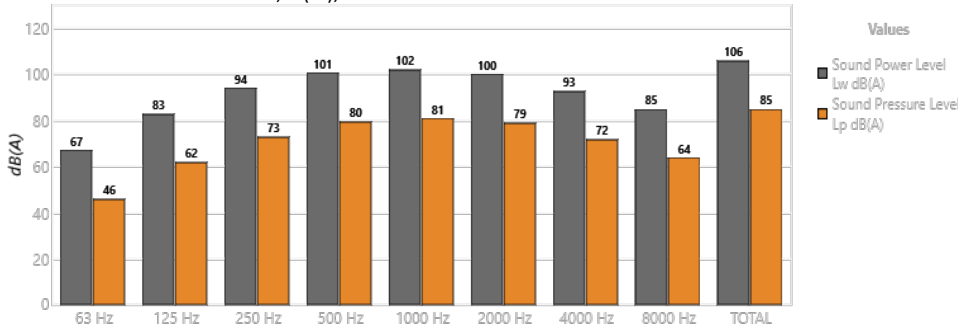
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



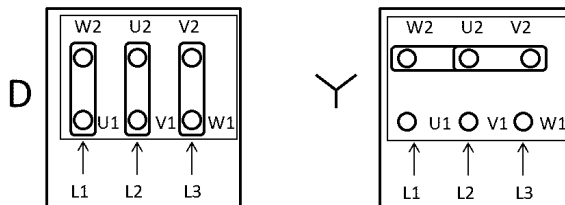
Band	Lw dB(A)	Lp dB(A)
63 Hz	67	46
125 Hz	83	62
250 Hz	94	73
500 Hz	101	80
1000 Hz	102	81
2000 Hz	100	79
4000 Hz	93	72
8000 Hz	85	64
TOTAL	106	85

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	131064
Speed (rpm)	1480
Maximum static pressure (Pa)	1031
Maximum total pressure (Pa)	1073

## MOTOR DATA

Rated Mechanical Power (kW)	37
Hz/phases	50/3
Motor (rpm)	1480
Poles	4P
Max. current (A) 380-415 V D	66.8
Max. current (A) 660-725 V Y	38.7
Motor protection	IP55
Motor frame size	225S/M



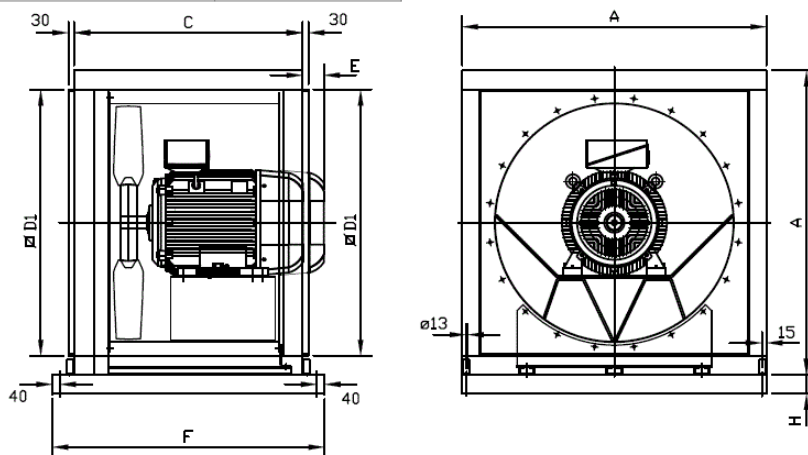
Data can change, please check motor plate

## DIMENSIONS

□A	C	□D1	F	E	H
1600	1200	1400	1430	-	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	734
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-4T/12-75 IE3

Code: 1355201



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

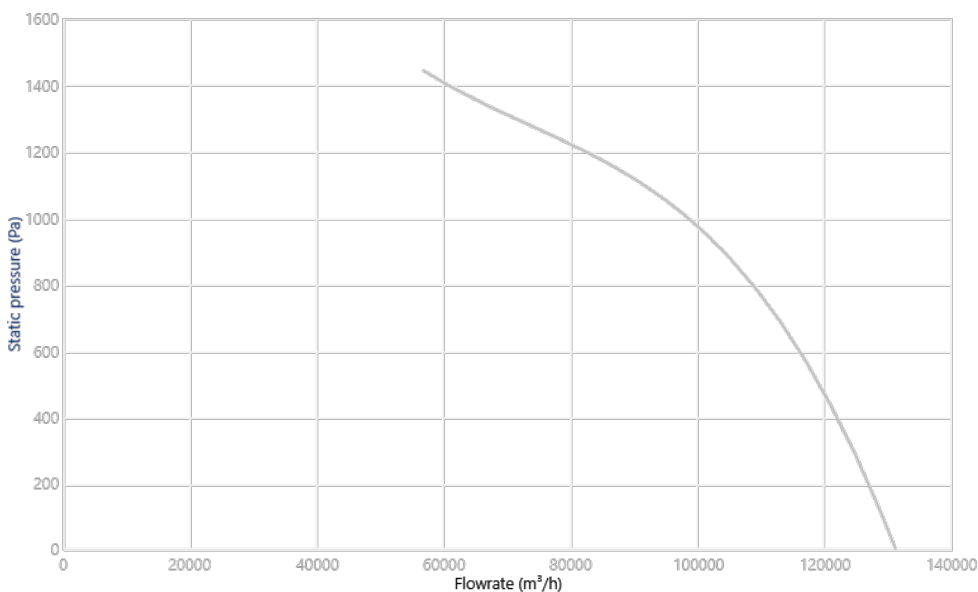
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



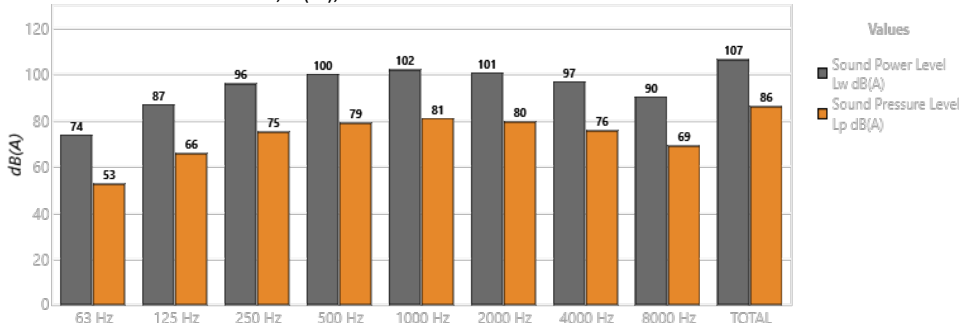
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



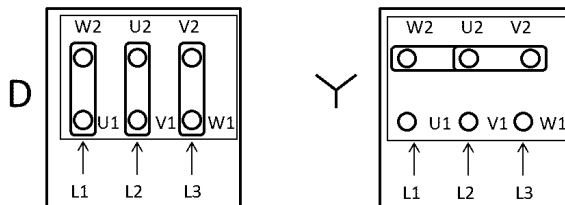
Band	Lw dB(A)	Lp dB(A)
63 Hz	74	53
125 Hz	87	66
250 Hz	96	75
500 Hz	100	79
1000 Hz	102	81
2000 Hz	101	80
4000 Hz	97	76
8000 Hz	90	69
TOTAL	107	86

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	131242
Speed (rpm)	1480
Maximum static pressure (Pa)	1444
Maximum total pressure (Pa)	1543

## MOTOR DATA

Rated Mechanical Power (kW)	55
Hz/phases	50/3
Motor (rpm)	1480
Poles	4P
Max. current (A) 380-415 V D	98.6
Max. current (A) 660-725 V Y	57.2
Motor protection	IP55
Motor frame size	250S/M



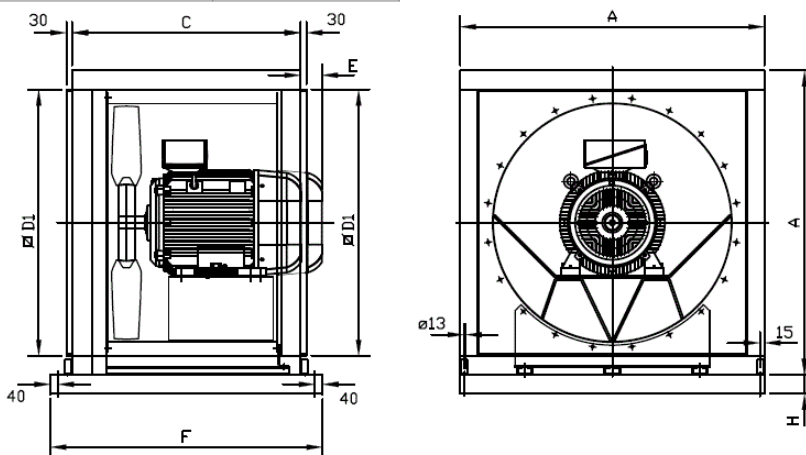
Data can change, please check motor plate

## DIMENSIONS

□A	C	□D1	F	E	H
1600	1200	1400	1430	-	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	866
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-4T/9-60 IE3

Code: 1355196



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

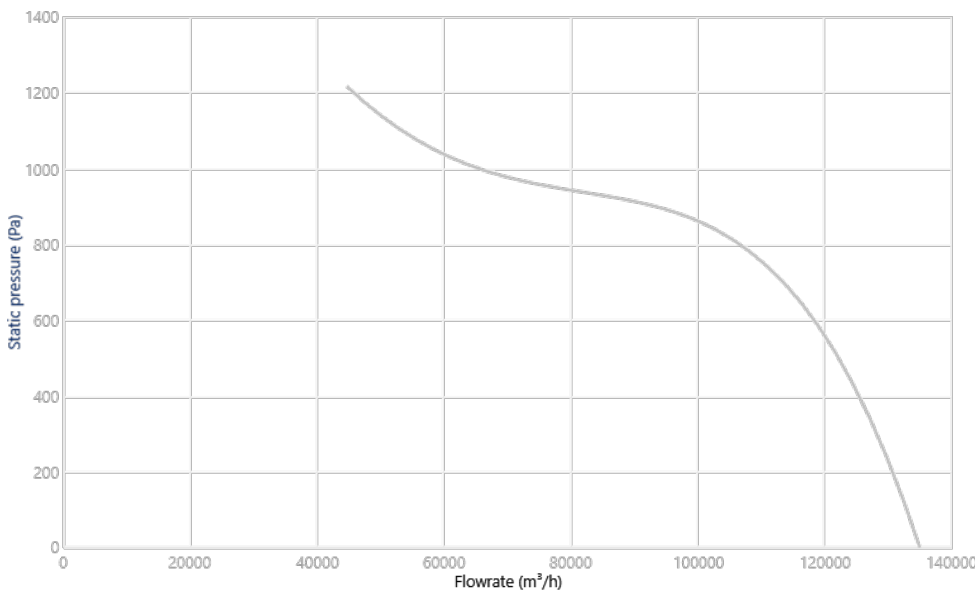
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



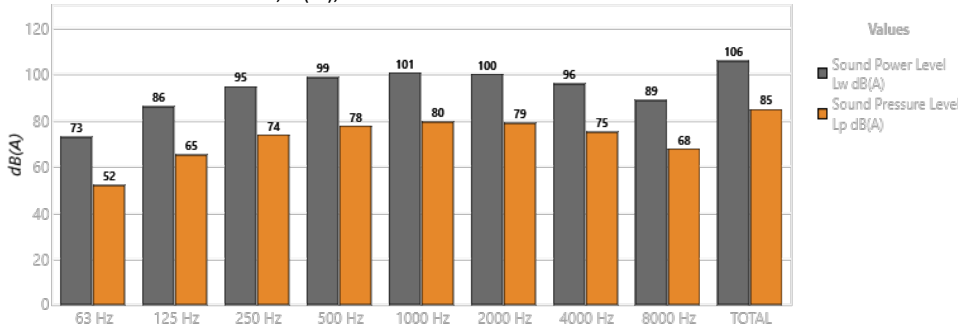
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



Band	Lw dB(A)	Lp dB(A)
63 Hz	73	52
125 Hz	86	65
250 Hz	95	74
500 Hz	99	78
1000 Hz	101	80
2000 Hz	100	79
4000 Hz	96	75
8000 Hz	89	68
TOTAL	106	85

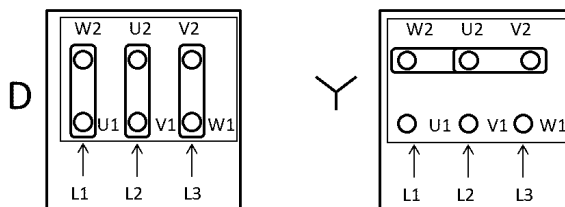


## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	134969
Speed (rpm)	1475
Maximum static pressure (Pa)	1215
Maximum total pressure (Pa)	1277

## MOTOR DATA

Rated Mechanical Power (kW)	45
Hz/phases	50/3
Motor (rpm)	1475
Poles	4P
Max. current (A) 380-415 V D	80.9
Max. current (A) 660-725 V Y	46.9
Motor protection	IP55
Motor frame size	225S/M



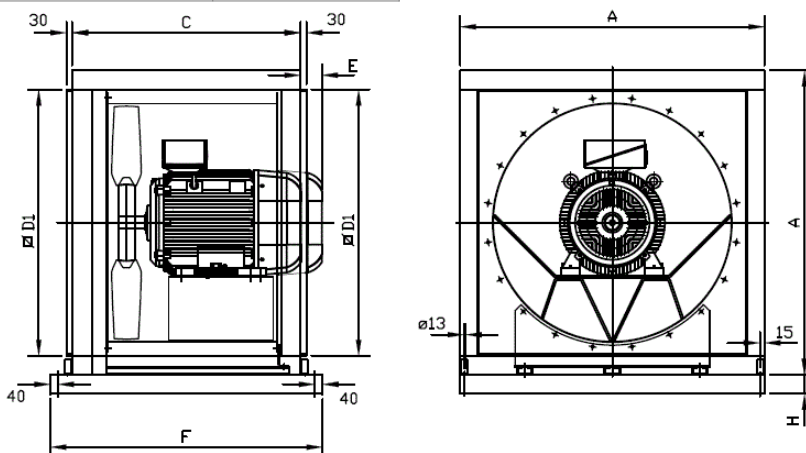
Data can change, please check motor plate

## DIMENSIONS

A	C	D1	F	E	H
1600	1200	1400	1430	-	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	776
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-4T/6-60 IE3

Code: 1355190



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

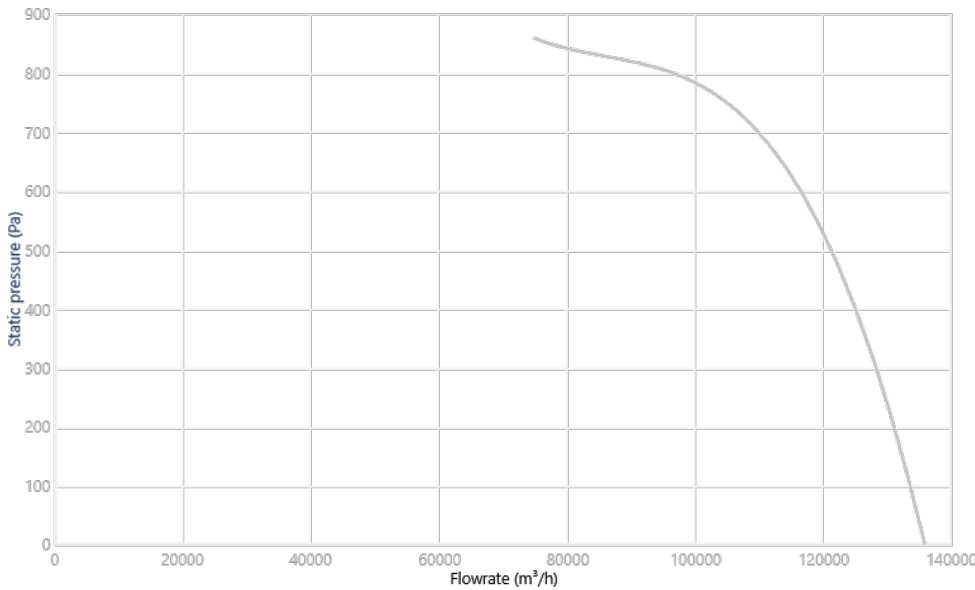
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



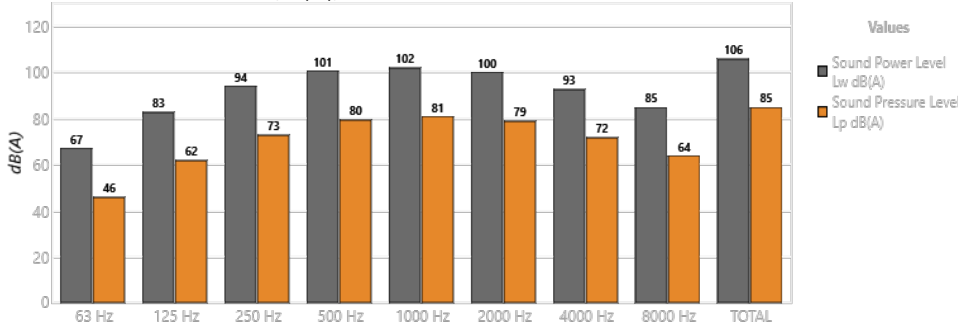
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



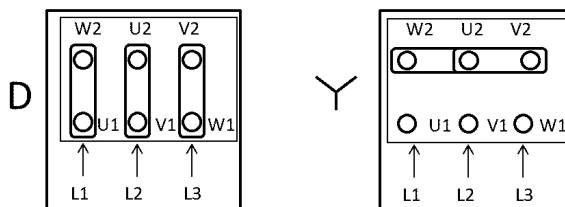
Band	Lw dB(A)	Lp dB(A)
63 Hz	67	46
125 Hz	83	62
250 Hz	94	73
500 Hz	101	80
1000 Hz	102	81
2000 Hz	100	79
4000 Hz	93	72
8000 Hz	85	64
TOTAL	106	85

## TECHNICAL CHARACTERISTICS

Airflow maximum (m³/h)	135820
Speed (rpm)	1475
Maximum static pressure (Pa)	858.6
Maximum total pressure (Pa)	1090

## MOTOR DATA

Rated Mechanical Power (kW)	45
Hz/phases	50/3
Motor (rpm)	1475
Poles	4P
Max. current (A) 380-415 V D	80.9
Max. current (A) 660-725 V Y	46.9
Motor protection	IP55
Motor frame size	225S/M



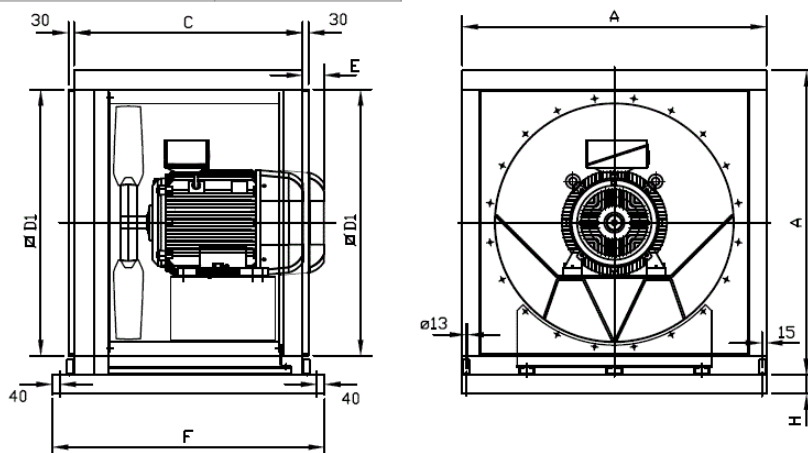
Data can change, please check motor plate

## DIMENSIONS

□A	C	□D1	F	E	H
1600	1200	1400	1430	-	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	767
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-4T/9-75 IE3

Code: 1355197



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

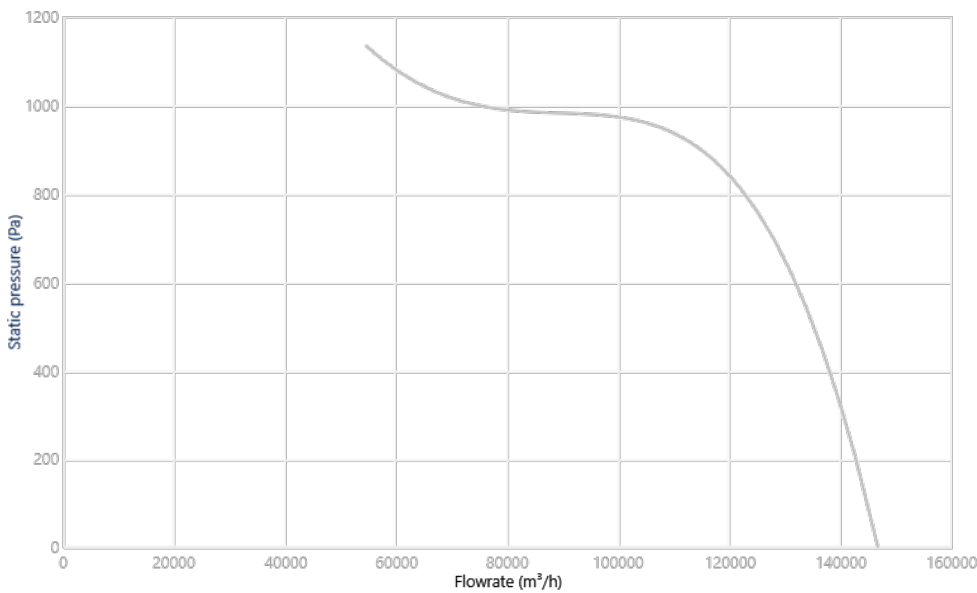
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



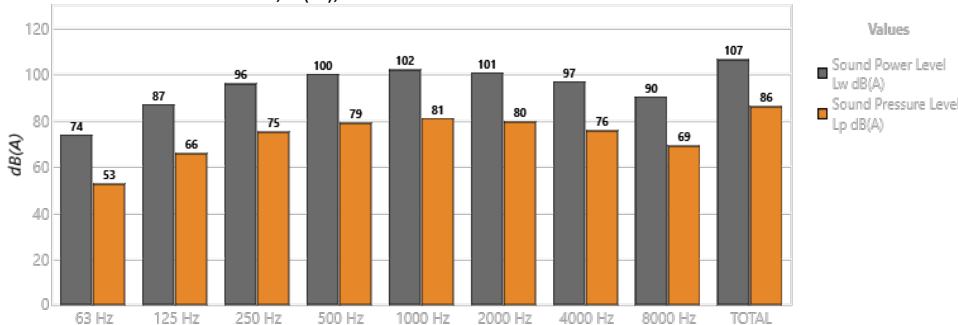
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



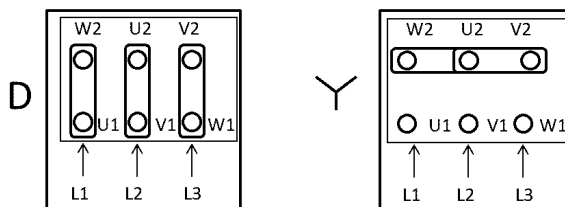
Band	Lw dB(A)	Lp dB(A)
63 Hz	74	53
125 Hz	87	66
250 Hz	96	75
500 Hz	100	79
1000 Hz	102	81
2000 Hz	101	80
4000 Hz	97	76
8000 Hz	90	69
TOTAL	107	86

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	146767
Speed (rpm)	1480
Maximum static pressure (Pa)	1135
Maximum total pressure (Pa)	1309

## MOTOR DATA

Rated Mechanical Power (kW)	55
Hz/phases	50/3
Motor (rpm)	1480
Poles	4P
Max. current (A) 380-415 V D	98.6
Max. current (A) 660-725 V Y	57.2
Motor protection	IP55
Motor frame size	250S/M



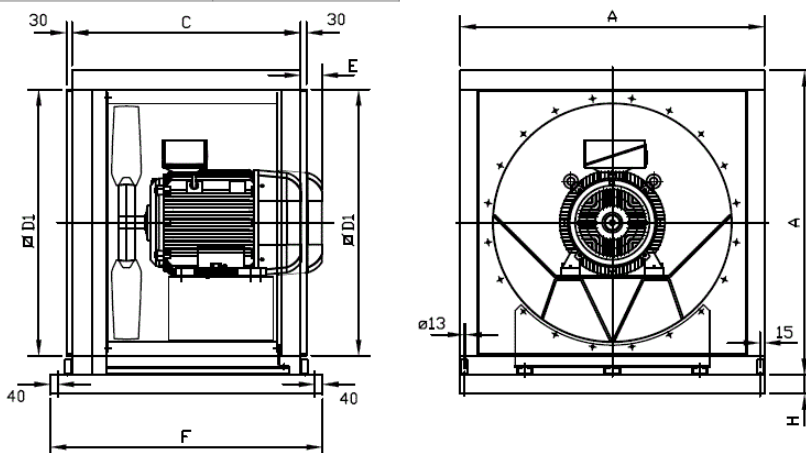
Data can change, please check motor plate

## DIMENSIONS

A	C	D1	F	E	H
1600	1200	1400	1430	-	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	857
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-4T/6-75 IE3

Code: 1355191



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

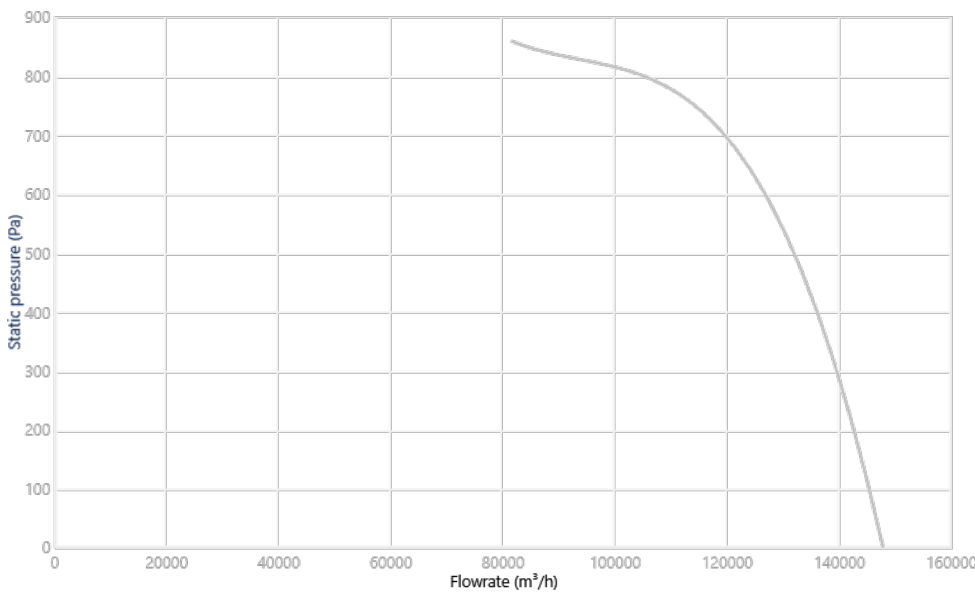
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



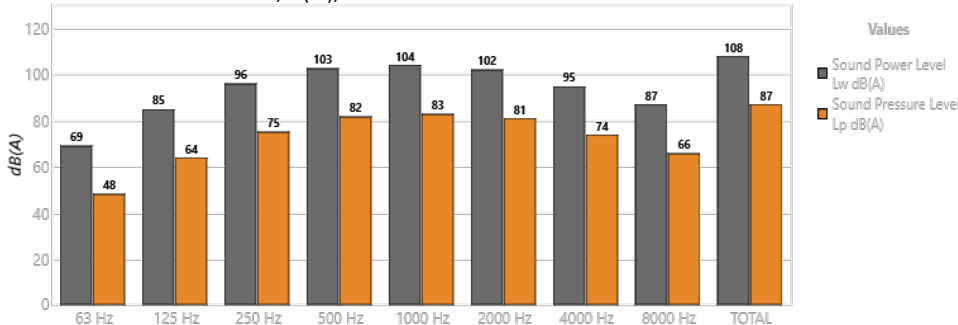
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



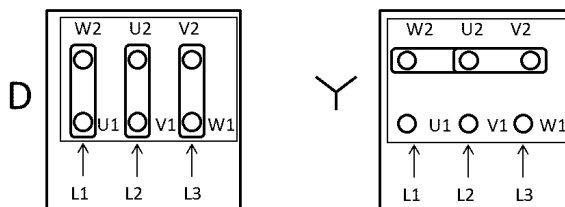
Band	Lw dB(A)	Lp dB(A)
63 Hz	69	48
125 Hz	85	64
250 Hz	96	75
500 Hz	103	82
1000 Hz	104	83
2000 Hz	102	81
4000 Hz	95	74
8000 Hz	87	66
TOTAL	108	87

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	147630
Speed (rpm)	1480
Maximum static pressure (Pa)	858.6
Maximum total pressure (Pa)	1149

## MOTOR DATA

Rated Mechanical Power (kW)	55
Hz/phases	50/3
Motor (rpm)	1480
Poles	4P
Max. current (A) 380-415 V D	98.6
Max. current (A) 660-725 V Y	57.2
Motor protection	IP55
Motor frame size	250S/M



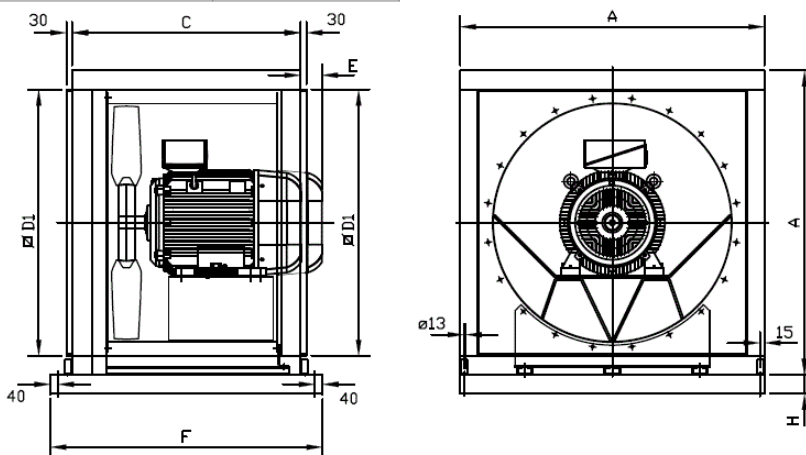
Data can change, please check motor plate

## DIMENSIONS

□A	C	□D1	F	E	H
1600	1200	1400	1430	-	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	848
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-4T/12-100 IE3

Code: 1355202



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

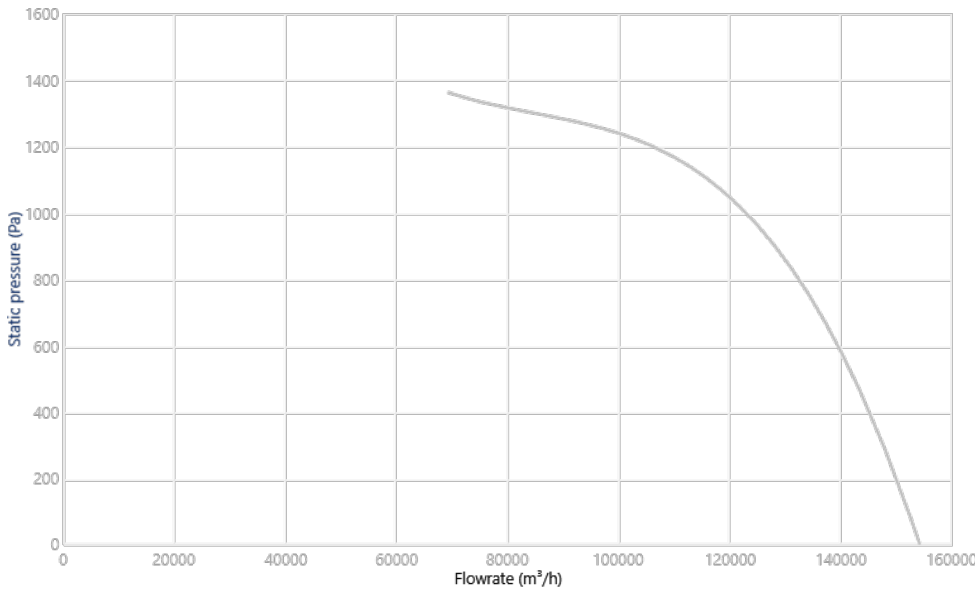
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



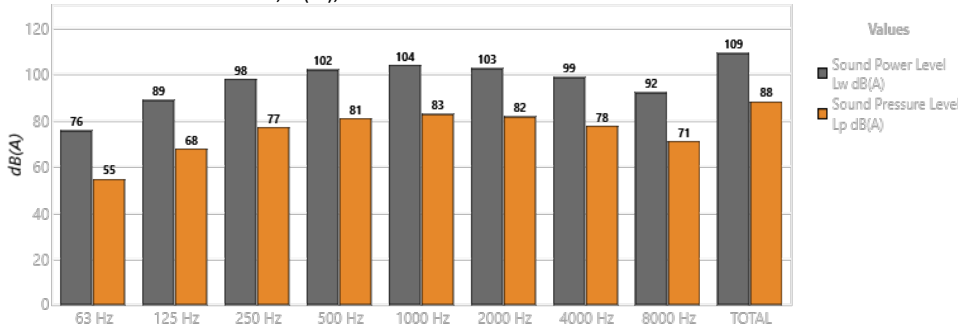
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



Band	Lw dB(A)	Lp dB(A)
63 Hz	76	55
125 Hz	89	68
250 Hz	98	77
500 Hz	102	81
1000 Hz	104	83
2000 Hz	103	82
4000 Hz	99	78
8000 Hz	92	71
TOTAL	109	88

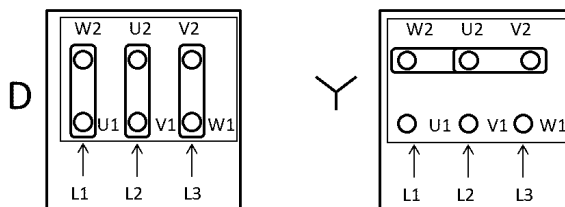


## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	154103
Speed (rpm)	1485
Maximum static pressure (Pa)	1362
Maximum total pressure (Pa)	1547

## MOTOR DATA

Rated Mechanical Power (kW)	75
Hz/phases	50/3
Motor (rpm)	1485
Poles	4P
Max. current (A) 380-415 V D	134
Max. current (A) 660-725 V Y	77.7
Motor protection	IP55
Motor frame size	280S/M



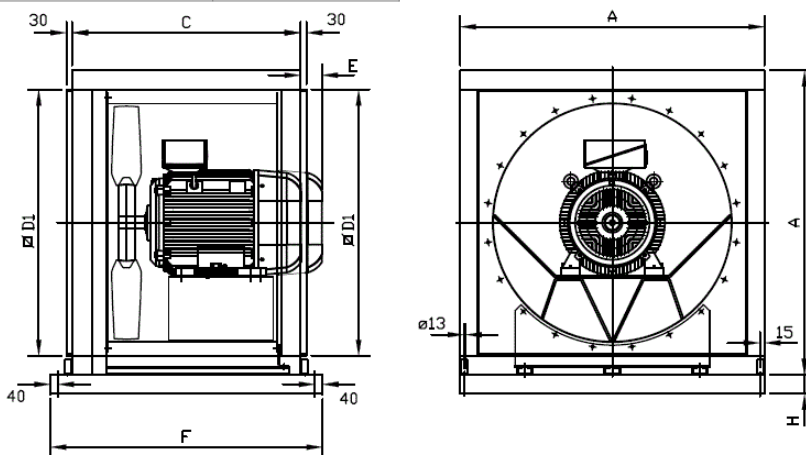
Data can change, please check motor plate

## DIMENSIONS

A	C	D1	F	E	H
1600	1200	1400	1430	112	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	1036
---------------------	------



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-4T/9-100 IE3

Code: 1355198



### Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

**Fan:**

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

**Motor:**

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

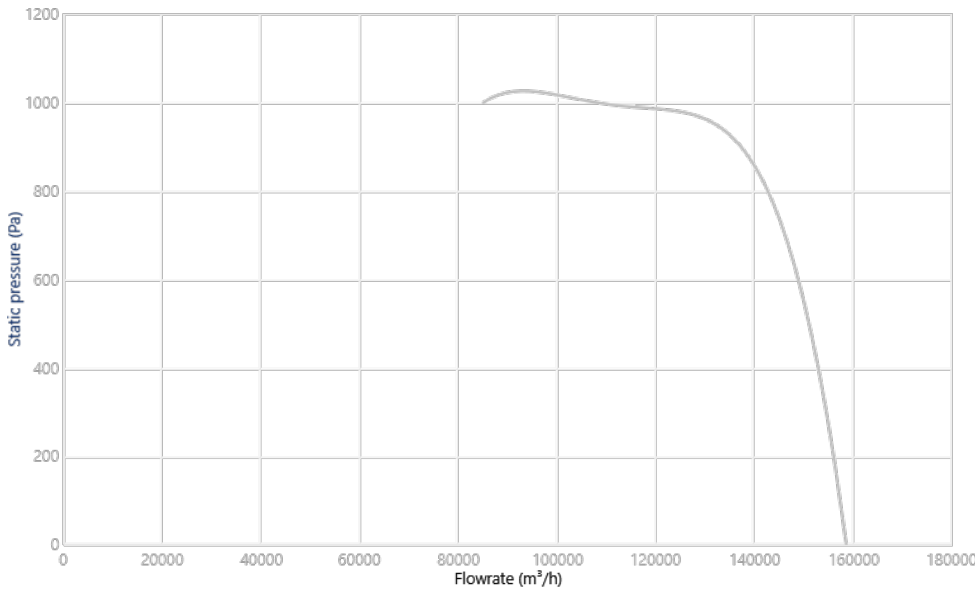
**Finish:**

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

**On request:**

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



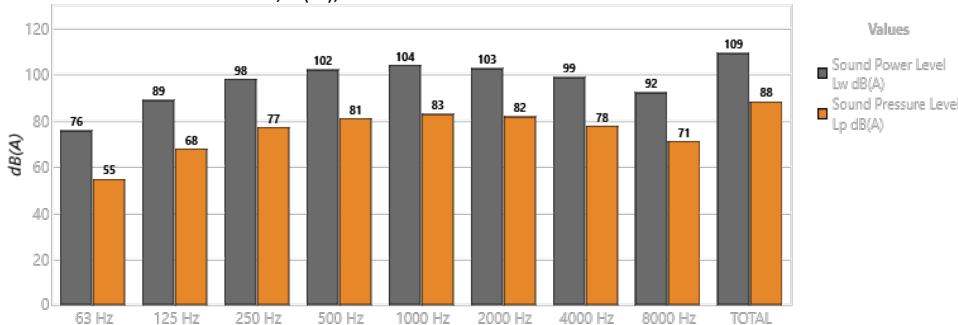
**Design Point**

Q (m³/h)	
Ps (Pa)	

**Service Point (SP)**

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



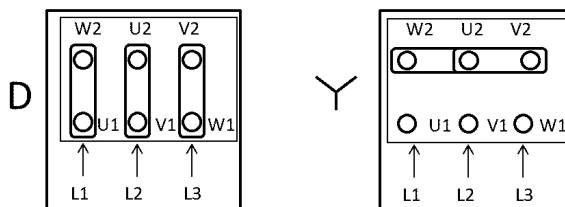
Band	Lw dB(A)	Lp dB(A)
63 Hz	76	55
125 Hz	89	68
250 Hz	98	77
500 Hz	102	81
1000 Hz	104	83
2000 Hz	103	82
4000 Hz	99	78
8000 Hz	92	71
TOTAL	109	88

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	158559
Speed (rpm)	1485
Maximum static pressure (Pa)	1025
Maximum total pressure (Pa)	1486

## MOTOR DATA

Rated Mechanical Power (kW)	75
Hz/phases	50/3
Motor (rpm)	1485
Poles	4P
Max. current (A) 380-415 V D	134
Max. current (A) 660-725 V Y	77.7
Motor protection	IP55
Motor frame size	280S/M



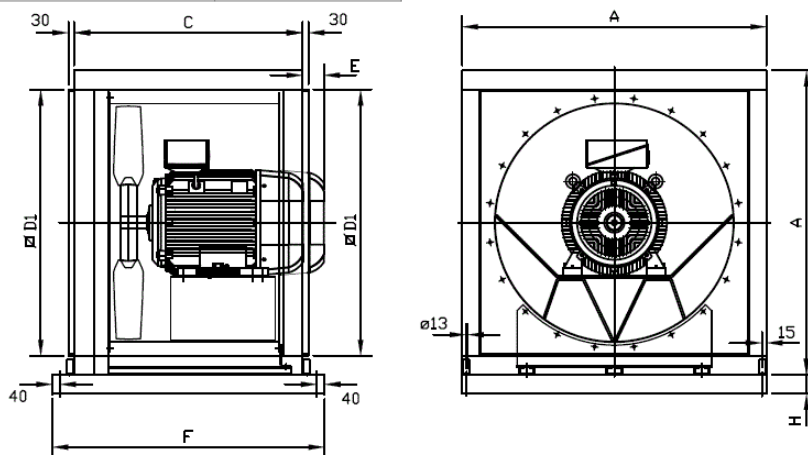
Data can change, please check motor plate

## DIMENSIONS

□A	C	□D1	F	E	H
1600	1200	1400	1430	112	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	1018
---------------------	------



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-6T/6 IE3



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

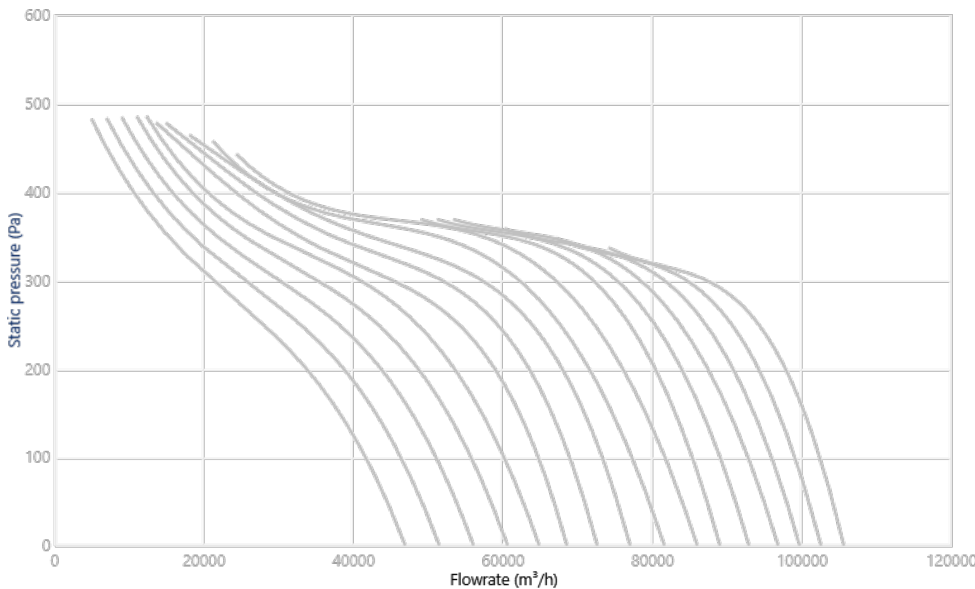
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



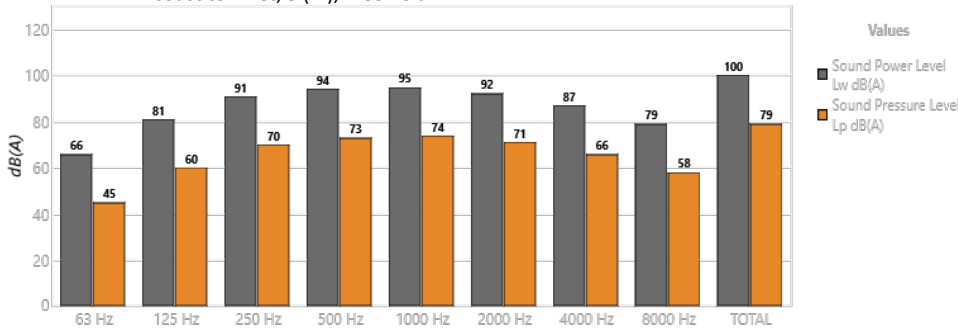
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



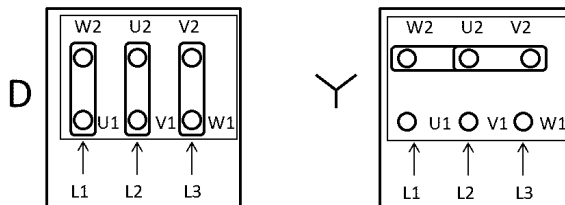
Band	Lw dB(A)	Lp dB(A)
63 Hz	66	45
125 Hz	81	60
250 Hz	91	70
500 Hz	94	73
1000 Hz	95	74
2000 Hz	92	71
4000 Hz	87	66
8000 Hz	79	58
TOTAL	100	79

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	105492
Speed (rpm)	960
Maximum static pressure (Pa)	485.2
Maximum total pressure (Pa)	534.2

## MOTOR DATA

Rated Mechanical Power (kW)	4
Hz/phases	50/3
Motor (rpm)	960
Poles	6P
Max. current (A) 380-415 V Y	8.99
Max. current (A) 220-240 V D	15.6
Motor protection	IP55
Motor frame size	132M



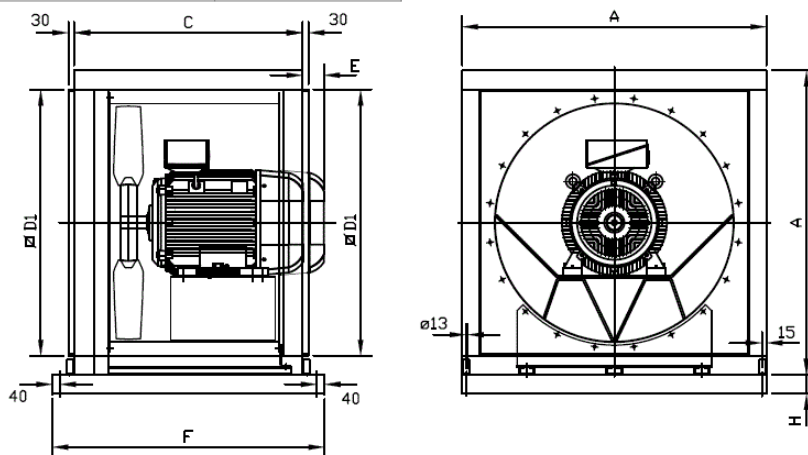
Data can change, please check motor plate

## DIMENSIONS

A	C	D1	F	E	H
1600	1200	1400	1430	-	-

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	426
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-6T/9 IE3



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

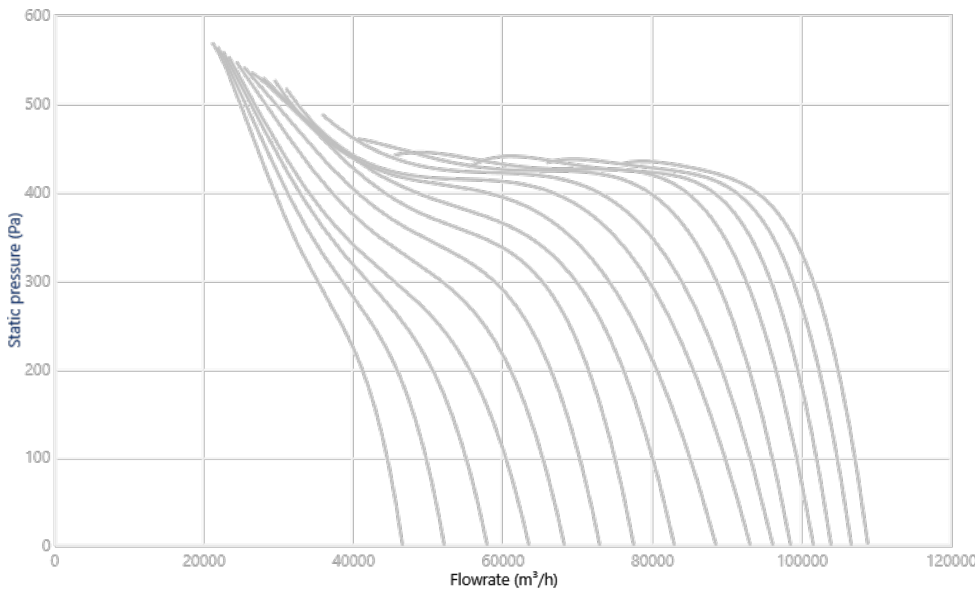
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>

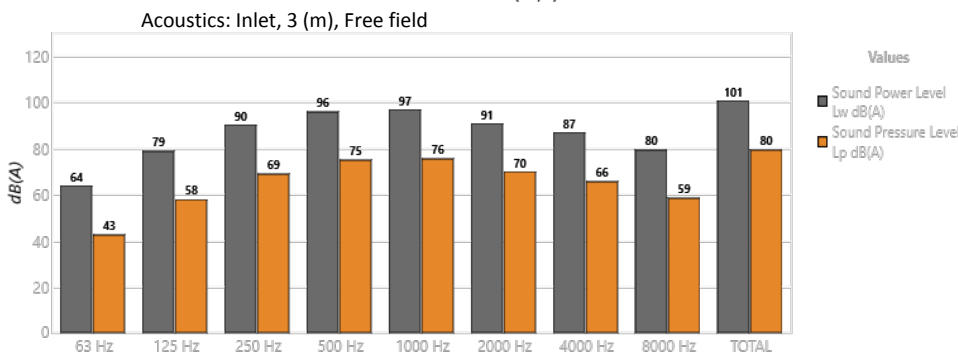


### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-



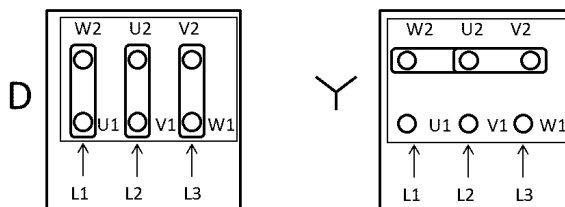
Band	Lw dB(A)	Lp dB(A)
63 Hz	64	43
125 Hz	79	58
250 Hz	90	69
500 Hz	96	75
1000 Hz	97	76
2000 Hz	91	70
4000 Hz	87	66
8000 Hz	80	59
TOTAL	101	80

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	108825
Speed (rpm)	975
Maximum static pressure (Pa)	568.2
Maximum total pressure (Pa)	670.4

## MOTOR DATA

Rated Mechanical Power (kW)	7.5
Hz/phases	50/3
Motor (rpm)	975
Poles	6P
Max. current (A) 380-415 V D	14.8
Max. current (A) 660-725 V Y	8.58
Motor protection	IP55
Motor frame size	160M



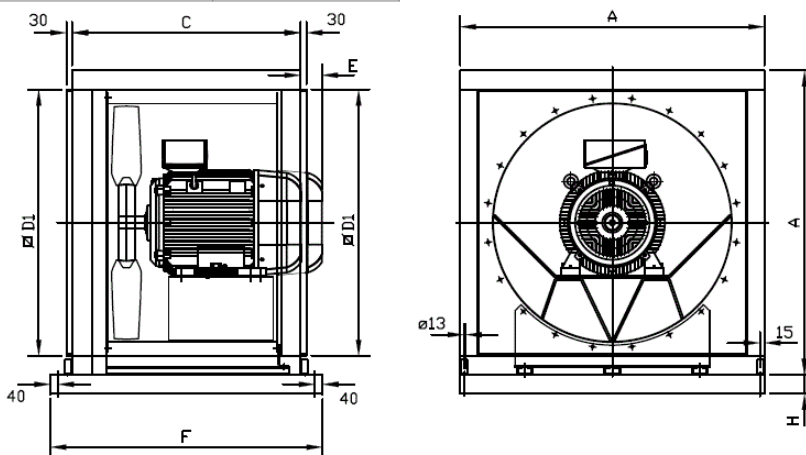
Data can change, please check motor plate

## DIMENSIONS

□A	C	□D1	F	E	H
1600	1200	1400	1430	-	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	488
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-4T/6 IE3



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

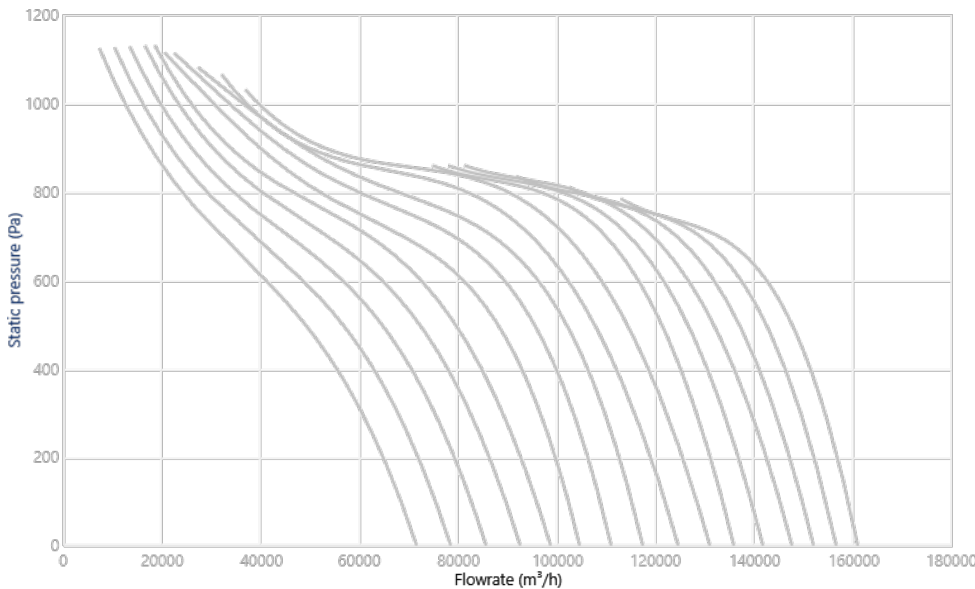
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



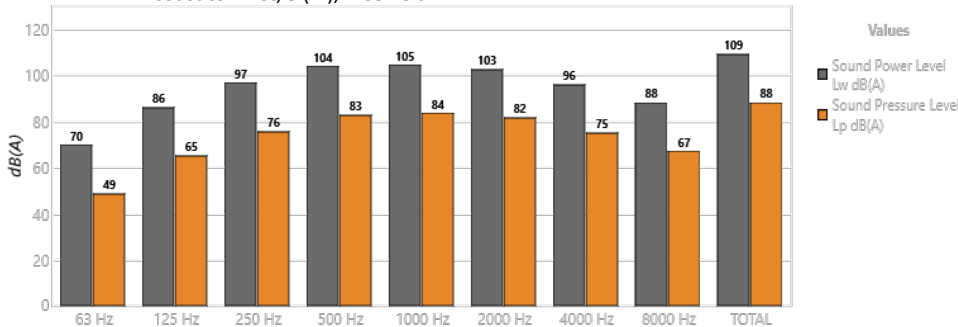
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



Band	Lw dB(A)	Lp dB(A)
63 Hz	70	49
125 Hz	86	65
250 Hz	97	76
500 Hz	104	83
1000 Hz	105	84
2000 Hz	103	82
4000 Hz	96	75
8000 Hz	88	67
TOTAL	109	88

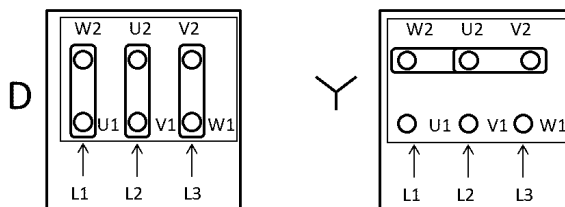


## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	161013
Speed (rpm)	1465
Maximum static pressure (Pa)	1130
Maximum total pressure (Pa)	1244

## MOTOR DATA

Rated Mechanical Power (kW)	15
Hz/phases	50/3
Motor (rpm)	1465
Poles	4P
Max. current (A) 380-415 V D	27.9
Max. current (A) 660-725 V Y	16.2
Motor protection	IP55
Motor frame size	160L



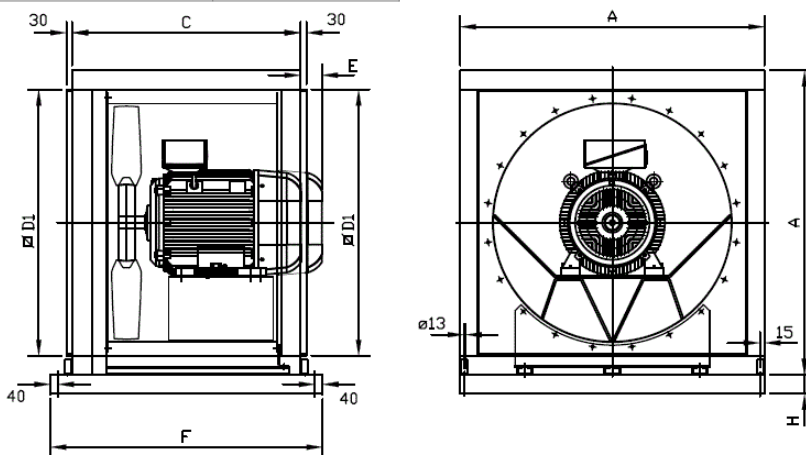
Data can change, please check motor plate

## DIMENSIONS

A	C	D1	F	E	H
1600	1200	1400	1430	-	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	485
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-4T/9 IE3



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

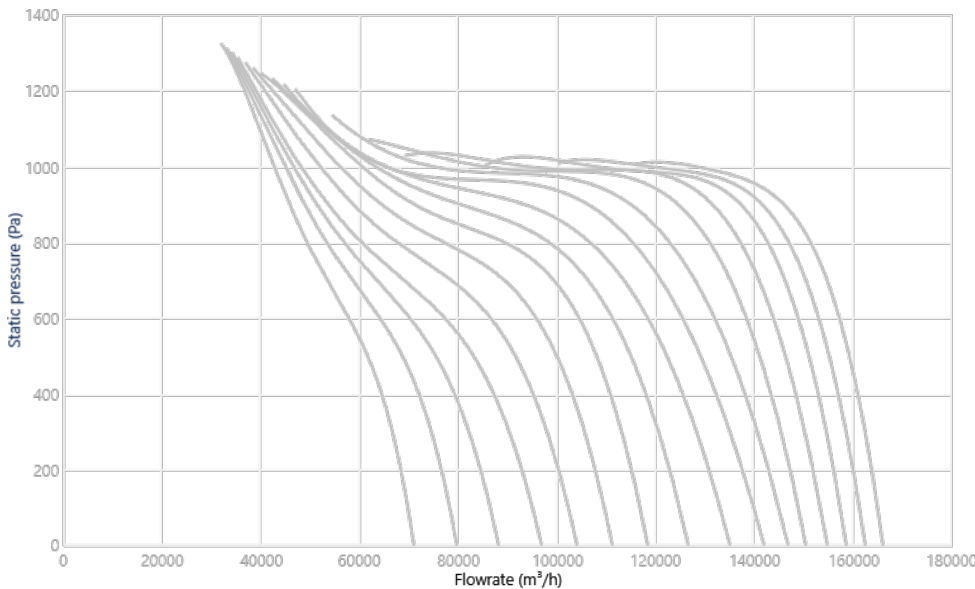
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>

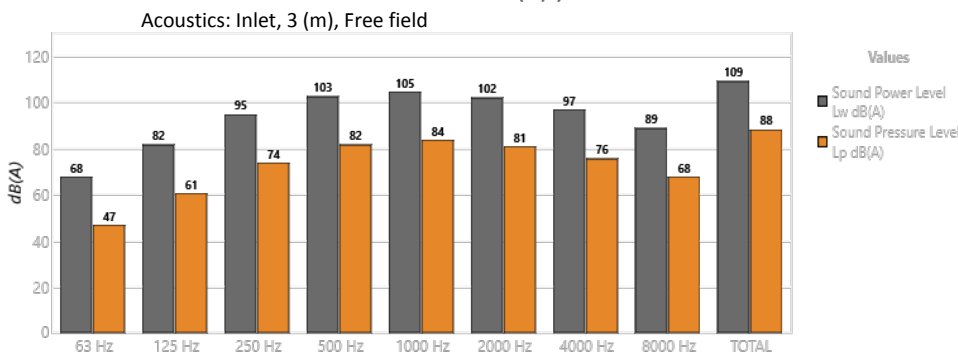


### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-



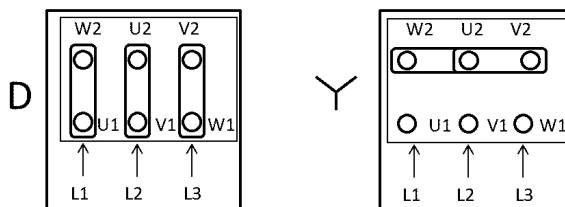
Band	Lw dB(A)	Lp dB(A)
63 Hz	68	47
125 Hz	82	61
250 Hz	95	74
500 Hz	103	82
1000 Hz	105	84
2000 Hz	102	81
4000 Hz	97	76
8000 Hz	89	68
TOTAL	109	88

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	166101
Speed (rpm)	1470
Maximum static pressure (Pa)	1324
Maximum total pressure (Pa)	1561

## MOTOR DATA

Rated Mechanical Power (kW)	18.5
Hz/phases	50/3
Motor (rpm)	1470
Poles	4P
Max. current (A) 380-415 V D	35.1
Max. current (A) 660-725 V Y	20.3
Motor protection	IP55
Motor frame size	180M



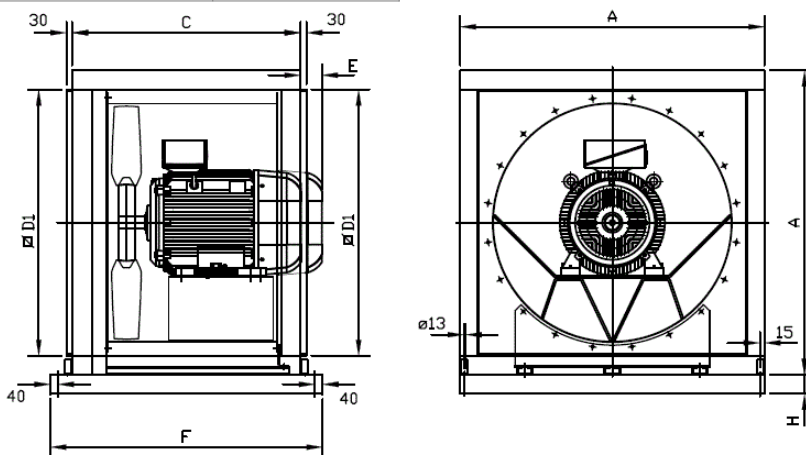
Data can change, please check motor plate

## DIMENSIONS

□A	C	□D1	F	E	H
1600	1200	1400	1430	112	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	558
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model

# CJHGT-125-4T/12 IE3



## Large diameter tubular axial fans with acoustically insulated box

Tubular axial fans equipped with 6, 9 or 12 blade aluminum propellers with various angles of inclination.

### Fan:

- Airflow direction from motor to impeller.
- Impellers made of cast aluminium with 6, 9 or 12 blades with adjustable angle of inclination.
- Fan with tubular sheet steel casing.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Variable angle impeller made of cast aluminium.

### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

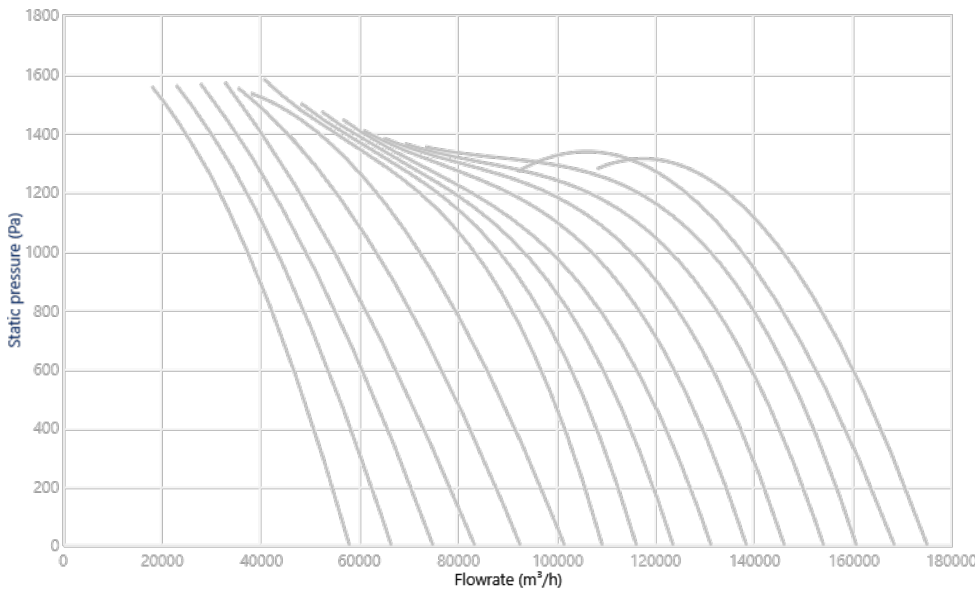
### Finish:

- Fan: Anti-corrosive in polyester resin polymerized at 190 °C, after degreasing with phosphate-free nanotechnological treatment.
- Box: Galvanised sheet steel.

### On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers.
- Special windings for different voltages.
- ATEX certified Category 2.
- 2 speed motors.

## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>



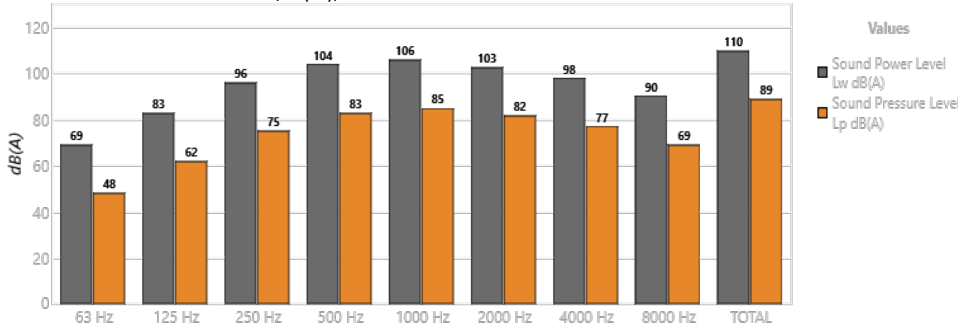
### Design Point

Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-

Acoustics: Inlet, 3 (m), Free field



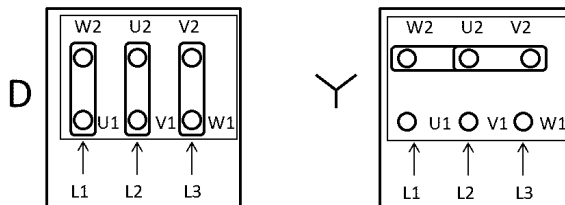
Band	Lw dB(A)	Lp dB(A)
63 Hz	69	48
125 Hz	83	62
250 Hz	96	75
500 Hz	104	83
1000 Hz	106	85
2000 Hz	103	82
4000 Hz	98	77
8000 Hz	90	69
TOTAL	110	89

## TECHNICAL CHARACTERISTICS

Airflow maximum (m <sup>3</sup> /h)	175095
Speed (rpm)	1480
Maximum static pressure (Pa)	1581
Maximum total pressure (Pa)	1772

## MOTOR DATA

Rated Mechanical Power (kW)	37
Hz/phases	50/3
Motor (rpm)	1480
Poles	4P
Max. current (A) 380-415 V D	66.8
Max. current (A) 660-725 V Y	38.7
Motor protection	IP55
Motor frame size	225S/M



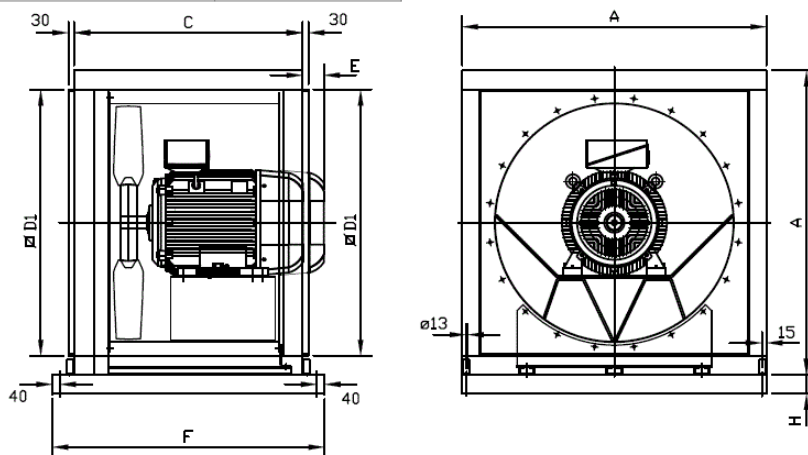
Data can change, please check motor plate

## DIMENSIONS

A	C	D1	F	E	H
1600	1200	1400	1430	112	100

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	765
---------------------	-----



## AVAILABLE ACCESSORIES

General accessories available

General accessories not available

Inlet accessories available

Inlet accessories not available

Outlet accessories available

Outlet accessories not available

It must be checked that the accessory is suitable for the fan model