

MUB/T-S 025 315D2

Centrifugal box fan, 120°C continuous, insulated

Item number: [235445](#)

Variant: 400V 3~ 50Hz

- Inline airflow direction
- Up to 120°C medium temperature, continuous operation
- use, e.g. for kitchen exhaust air
- Pre-mounted isolator is standard
- Low sound level
- High efficient motors
- Easy to maintain and reliable
- Motor outside the air stream

All MUB/T-S fans have new optimized and high efficient HD impellers with backward curved blades, manufactured from aluminium. The fans are equipped with IEC standard motors outside the air stream for all 400V three phase motors from 0.75 kW. Optimum motor protection by cold conductors to be connected to an external motor protection device. The casing consists of an aluminium frame with fibreglass reinforced plastic corners and double skin, galvanised steel panels with a 30 mm mineral wool insulation. With quick lock access door. The MUB/T-S bottom panel is a drain tray and incorporates a pre-mounted 1" drain plug. An additional pre-wired isolator switch is mounted on the casing.



Technical parameters

Norminal data		
Voltage (nominal)	400	V
Frequency	50	Hz
Phase(s)	3~	
Input power	1,326	W
Input current	2.24	A
Impeller speed	2,929	r.p.m.
Air flow	max ; 4,129;	m³/h
Temperature of transported air	max 120	°C
Max temperature of transported air, when speed controlled	120	°C
Protection/Classification		
Enclosure class, motor	IP55	
Insulation class	F	
Dimensions and weights		
Weight	46.5	kg

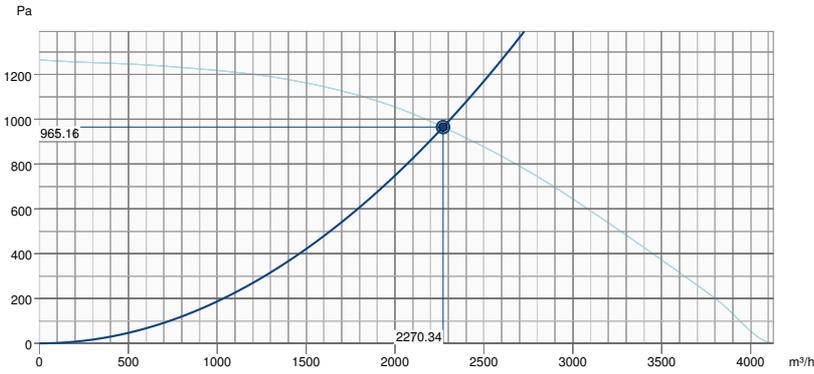
Others

Motor type

AC

Performance

Performance curve



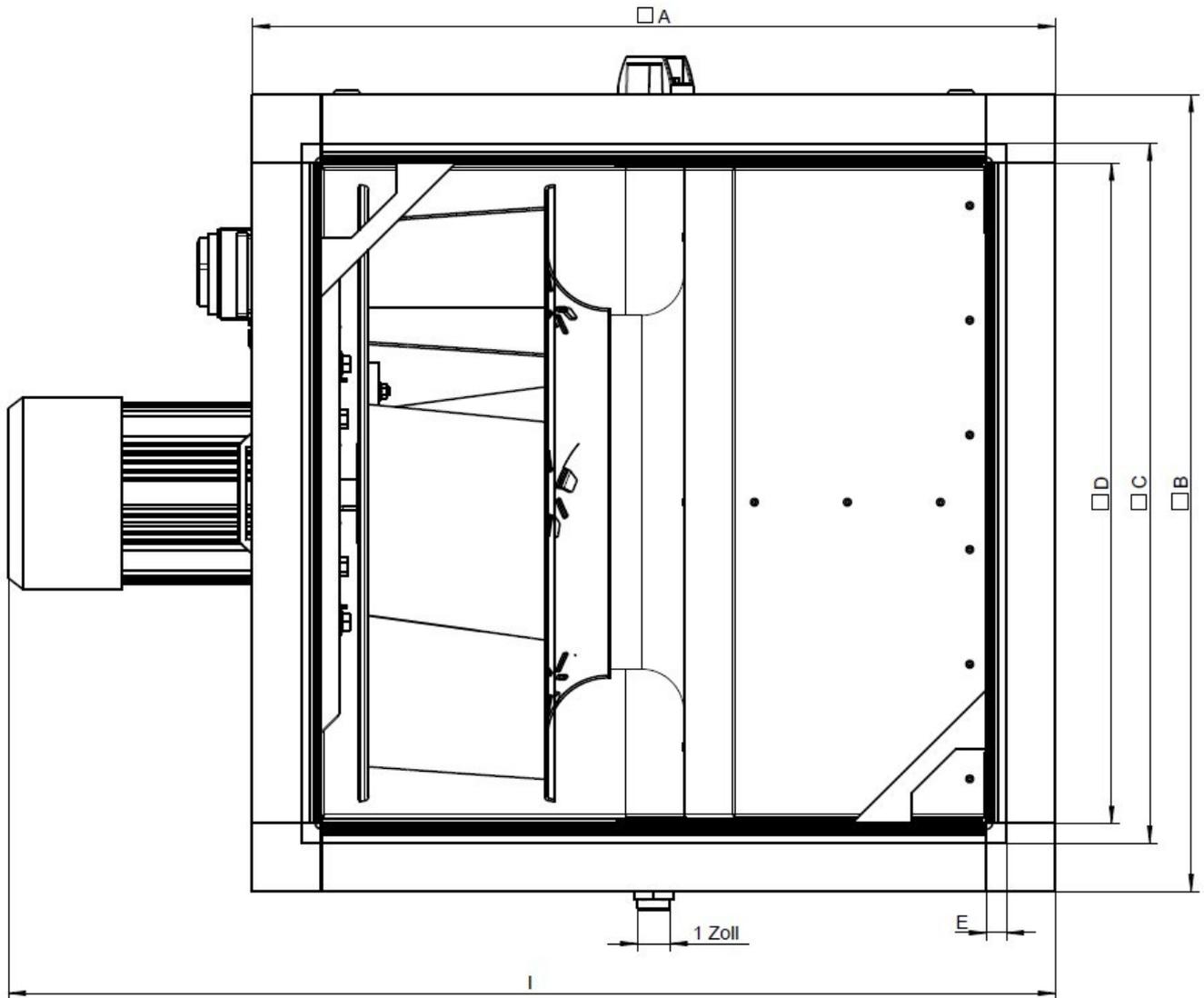
Hydraulic data

Required air flow	2270 m³/h
Required static pressure	965 Pa
Working air flow	2270 m³/h
Working static pressure	965 Pa
Air density	1.204 kg/m³
Power	1315.3 W
Fan control - RPM	2930 rpm
Current	2.36 A
SFP	2.086 kW/m³/s
Control voltage	400.0 V
Supply voltage	400 V

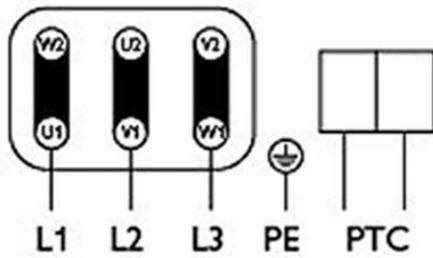
Sound power level		63	125	250	500	1k	2k	4k	8k	Total
Inlet	dB(A)	43	62	79	81	82	79	76	70	87
Outlet	dB(A)	45	64	81	82	83	81	77	71	88
Surrounding	dB(A)	22	43	54	50	52	53	43	34	59
Sound pressure level at 3m (20m² Sabine)	dB(A)	-	-	-	-	-	-	-	-	52
Sound pressure level at 3m free field	dB(A)	-	-	-	-	-	-	-	-	38

Dimension

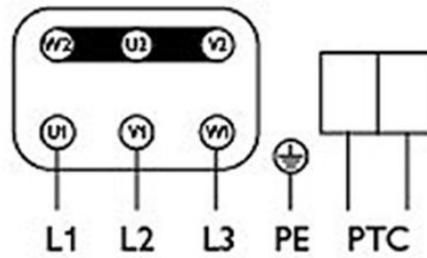
MUB/T-S 025	□A	□B	□C	□D	E	I
315D2 IE3	520	520	420	378	21	730



Dreiphasenmotor mit Kaltleiter
Three phase motor with cold conductor
Moteur triphasé avec résistance PTC



3 x 230V
D Schaltung
Delta connection
Branchement en triangle



3 x 400V
Y Schaltung
Star connection
Branchement en étoile

Drehrichtungsänderung durch Vertauschen von 2 Phasen
Changing of direction of rotation by interchanging of two phases
Changement de sens de rotation par inversion de deux phases

Typenschild beachten! See label! Voir plaquette!

Accessories

- FGV 025/416-416 flex. conn. (4196)
- FRQ5-4A+LED V2 (36229)
- FRQS-4A V2 (36231)
- REV-9POL/12 ON/OFF (33981)
- U-EK230E Motor protection (30199)
- UGS 025/355 adapter flex. (4356)
- WSD MUB/T-S large (37496)
- FGV 025/416-416 flex. 120°C (38360)
- SDM Service Door MUB 025 comp. (32571)
- CCMI outlet 025 d315 KIT 30mm (239091)
- FRQ-4A V2 (36227)
- FRQ5S-4A+LED V2 (36233)
- REV-5POL/05 ON/OFF (33979)
- SD-MUB Vibration pad set (37324)
- UGS 025/315 adapter flex 120°C (38364)
- WSD 025 (560x560x70) complete (31480)
- WSG 025 MUB/T complete (36070)
- REV-5POL/05 incl. EMC KIT (34549)
- CCM outlet MUB025 d315 (312535)
- CCMI outlet 025 d355 KIT 30mm (239092)

Documents

- imo_mub_all_010_en_248056
- EU DECLARATION OF CONFORMITY_THERMOFANS_EN_[002].PDF
- COMMISSIONING REPORT_FANS_160628_EN_001.PDF