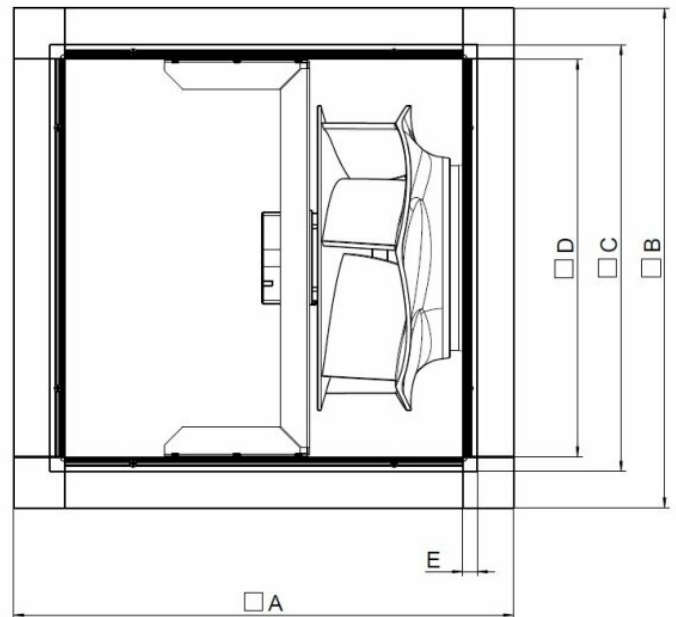


## Technical parameters

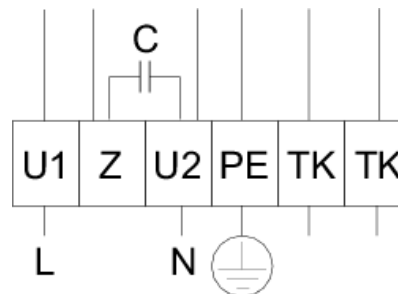
Nominal data	
Voltage (nominal)	230 V
Frequency	50 Hz
Phases	1~
Input power	470 W
Input current	2.37 A
Impeller speed	1,345 rpm
Air flow	max 1,162 L/s
Capacitance of capacitor	9 µF
Temperature of transported air	max 60 °C
Max temperature of transported air, when speed controlled	60 °C
Protection/Classification	
Enclosure class, motor	IP54
Insulation class	F
Data according to ErP	
ErP ready	ErP 2018
Dimensions and weights	
Weight	49 kg
Others	
Motor type	AC

## Dimension

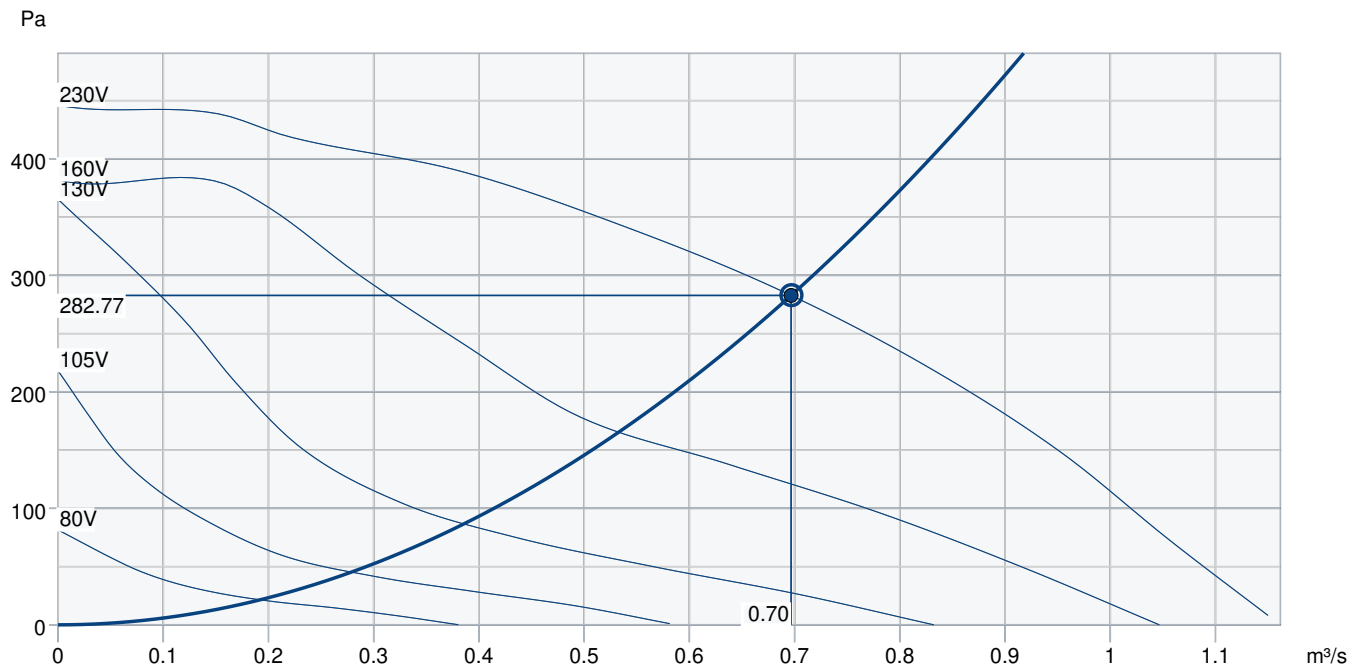
MUB 042	□A	□B	□C	□D	E
400/450/500	690	690	590	548	21



## Wiring



# Performance curve



Hydraulic data										
Required air flow	0.70 m³/s									
Required static pressure	283 Pa									
Working air flow	0.70 m³/s									
Working static pressure	283 Pa									
Air density	1.204 kg/m³									
Power	470.3 W									
Fan control - RPM	1,345 rpm									
Current	2.40 A									
SFP	0.675 kW/m³/s									
Control voltage	230.0 V									
Supply voltage	230 V									
Sound power level		63	125	250	500	1k	2k	4k	8k	Total
Inlet	dB(A)	40	61	60	66	69	66	62	56	73
Outlet	dB(A)	41	63	62	67	70	67	63	58	74
Surrounding	dB(A)	19	43	36	36	40	40	30	21	47
Sound pressure level at 3m (20m² Sabine)	dB(A)	-	-	-	-	-	-	-	-	40
Sound pressure level at 3m free field	dB(A)	-	-	-	-	-	-	-	-	26

## Accessories

- FGV 042/586-586 flex. conn. (4605)
- Motor protect. switch S-ET 10 (161199)
- REU 3 Speed control (5005)
- RTRE 3 Speed control (5009)
- UGS 042/500 adapter flex. (4357)
- WSG 042 MUB complete (31485)
- CCM inlet MUB042 d400 (311780)
- CCM outlet MUB042 d400 (311682)
- CCMI outlet 042 d400 KIT 30mm (239093)
- GRU 042-690/100 (276661)
- SDM Service Door MUB 042 30mm (273934)

- Frequency converter FRQ5SE-6A (37421)
- REE 4 Speed control (5317)
- REV-5POL/05-7,5kW R/Y (33979)
- SD-MUB Vibration pad set (37324)
- WSD 042 (730x730x70) complete (31481)
- Frequency converter FRQSE-6A (37419)
- CCM inlet MUB042 d500 (311781)
- CCM outlet MUB042 d500 (311683)
- CCMI outlet 042 d500 KIT 30mm (239094)
- REV-5POL/05-7,5kW B/G (264805)

## Documents

- Installation, Operation and Maintenance instruction\_001
- EU DECLARATION OF CONFORMITY\_MUB\_EN\_003.PDF
- COMMISSIONING REPORT\_FANS\_160628\_EN\_001.PDF