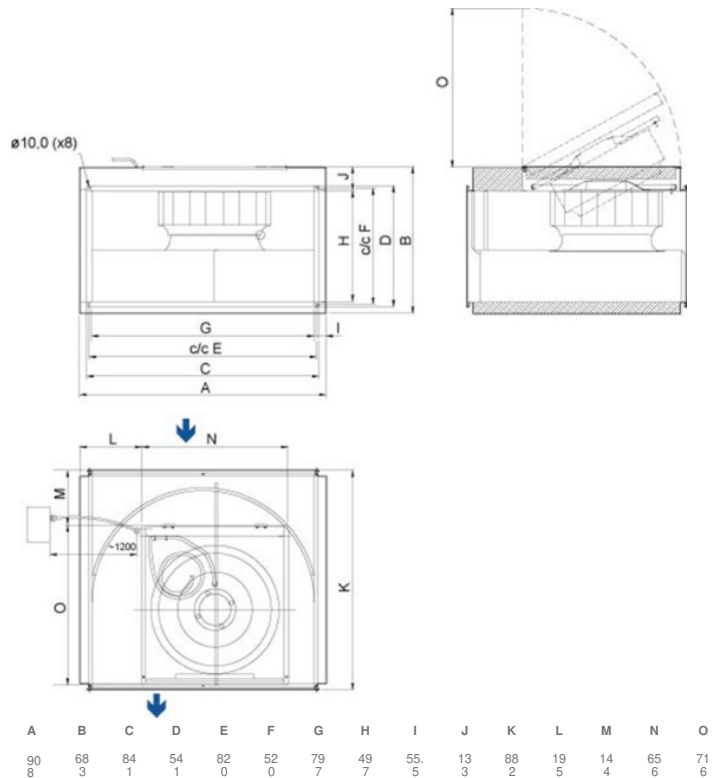




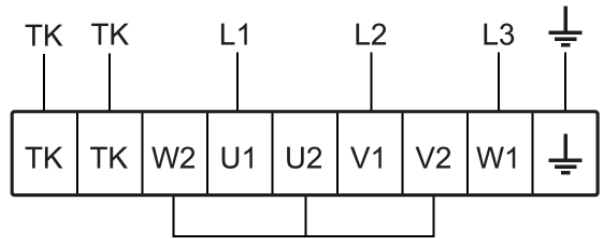
Technical parameters

Nominal data	
Voltage (nominal)	400 V
Frequency	50 Hz
Phases	3~
Input power	886 W
Input current	1.82 A
Impeller speed	1,399 rpm
Air flow	max 7,038 m ³ /h
Temperature of transported air	max 70 °C
Max temperature of transported air, when speed controlled	70 °C
Sound data	
Sound pressure level at 3m (20m ² Sabin)	53 dB(A)
Protection/Classification	
Enclosure class, motor	IP54
Insulation class	F
Data according to ErP	
ErP ready	ErP 2018
Dimensions and weights	
Duct dimension, inlet (height x width)	500 x 800 mm
Duct dimension, outlet (height x width)	500 x 800 mm
Weight	104 kg
Others	
Motor type	AC

Dimension



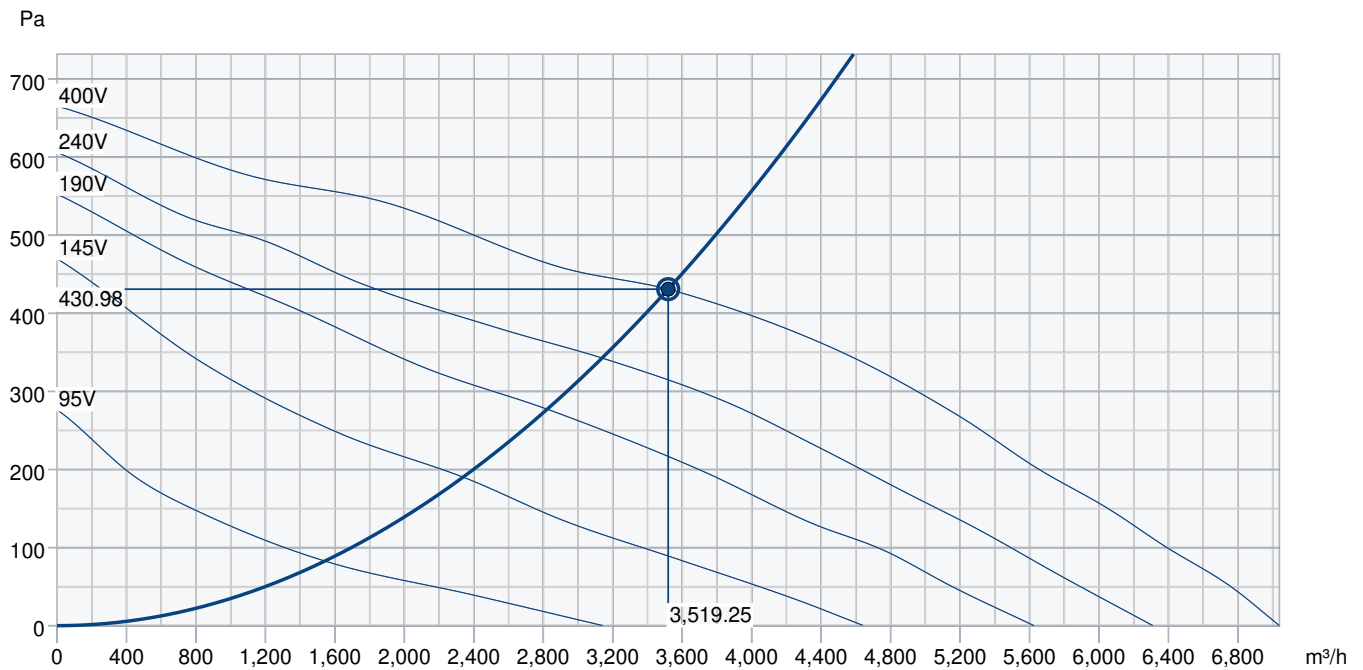
400V 3~



230V 3~



Performance curve



Hydraulic data	
Required air flow	3,519 m³/h
Required static pressure	431 Pa
Working air flow	3,519 m³/h
Working static pressure	431 Pa
Air density	1.204 kg/m³
Power	805.2 W
Fan control - RPM	1,412 rpm
Current	1.69 A
SFP	0.824 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)	57	71	62	65	63	61	57	51	73
Outlet	dB(A)	61	77	73	73	75	71	66	58	82
Surrounding	dB(A)	40	58	53	50	49	42	39	38	60
Sound pressure level at 3m (20m² Sabine)	dB(A)	-	-	-	-	-	-	-	-	53
Sound pressure level at 3m free field	dB(A)	-	-	-	-	-	-	-	-	39

Accessories

GFL 80-50 Counter flange (2711)	Motor protect. switch S-DT 16 (161206)
Motor protect. switch S-DT 16E (161207)	REV-5POL/07-7,5kW R/Y (33980)
RTRD 4 Speed cont. Systemair (5942)	RTRDU 4 Speed contr. Systemair (5946)
CO2RT-R-D Transmitter (6993)	DTV500A (96807)
HR1 Room Humidistat (215150)	Presence detector/IR24-P (6995)
RT 0-30 Room Thermostat (5151)	Safety switch 3-pole grey (210680)
T 120 Timer (5165)	DS 80-50 Flexible connection (1553)
DXRE 80-50-3-2,5 Duct cooler (7958)	FFK 80-50 filter cassette (30236)
LDR 80-50 Silencer (5075)	RB 80-50/45-3 400V/3 Duct heat (9647)
RB 80-50/68-4 400V/3 Duct heat (9648)	VBR 80-50-2 Water heating batt (5469)
VBR 80-50-3 Water heating batt (5477)	Room hygrostat HR-S (286251)
TUNE-S-800x500-M0 (421365)	TUNE-S-800x500-M4 (421369)
TUNE-S-800x500-M5 (421370)	

Documents

INSTALLATION_OPERATION_AND_MAINTENANCE_INSTRUCTION_KE__KT__RS__RSI__EN_002.PDF
 COMMISSIONING_RECORD_FANS__EN.PDF