

INSULATED DUCT FAN WITH CIRCULAR CONNECTIONS

IRB 355 E3 EC

7890245

IRB 355 E3 EC-y1

- Insulated duct fan.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design prioritise functionality, durability and longevity.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated motor protection.
- Junction box has enclosure class IP 54.
- The housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or in damp environments.



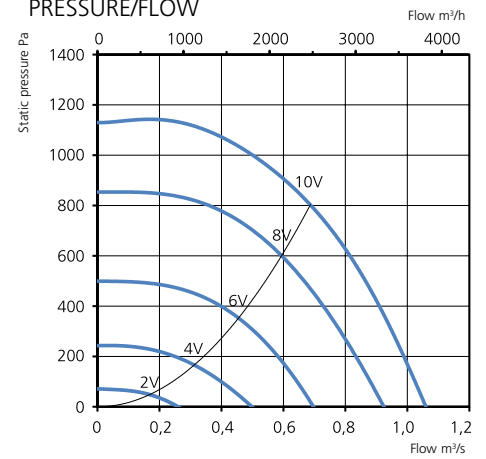
ACCESSORIES

- Mounting bracket Kit Universal
- Mounting clamp MK 355
- Safety grille BSV 355
- Back draught shutter RSK 355
- Louvre shutter VK 355
- Speed controller MS EC
- Controller IQ-Reg EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R

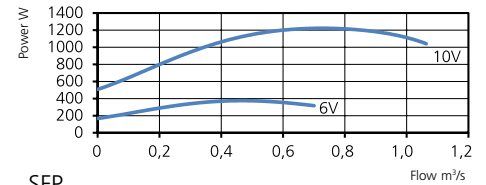
TECHNICAL DATA

Voltage	400 V
Frequency	50/60 Hz
Phase	3 ~
Current	1.91 A
Power	1230 W
Speed	2510 r.p.m.
Max. temp of transported air	60 °C
Sound pressure level, 3 m	60 dB(A)
Weight	42.0 kg
Enclosure class	44 IP
Wiring diagram	4040217

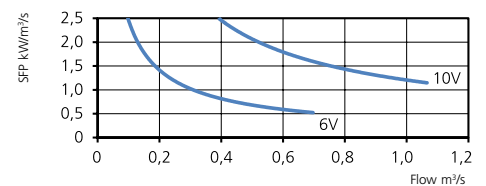
PRESSURE/FLOW



POWER/FLOW



SFP



SOUND DATA

	L_{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
Surrounding 10 V	67	53	57	65	58	55	52	47	41
Outlet 10 V	87	70	75	82	79	82	80	74	67
Inlet 10 V	77	68	72	72	64	60	61	57	52
Inlet 8 V	74	65	70	71	58	55	57	53	48
Inlet 6 V	71	60	65	69	50	49	50	45	42
Inlet 4 V	64	52	62	59	40	41	39	35	33
Inlet 2 V	48	42	44	38	30	36	26	25	15

MORE INFORMATION



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DIMENSIONS

