

IRB 500 B3 EC

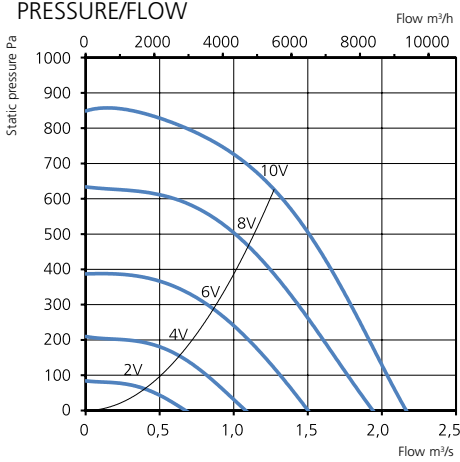
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IRB 500 B3 EC-y1

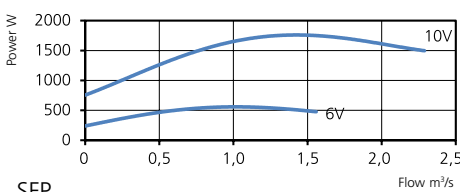


- Insulated duct fan.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated duct runs.
- The design prioritise functionality, durability and longevity.
- Impeller with backward curved blades.
- The external rotor 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.

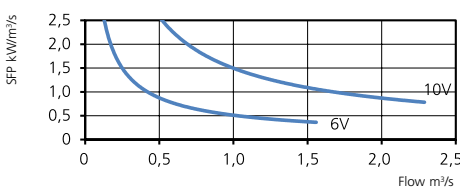
PRESSURE/FLOW



POWER/FLOW



SFP



TECHNICAL DATA

Voltage	400 V
Frequency	50/60 Hz
Phase	3 ~
Current	2.73 A
Power	1770 W
Speed	1560 r.p.m.
Max. temp of transported air	60 °C
Sound pressure level, 3 m	59 dB(A)
Weight	91.5 kg
Enclosure class	44 IP
Wiring diagram	4040217

ACCESSORIES

- Mounting clamp MK 500
- Safety grille BSV 500
- Back draught shutter RSK 500
- Louvre shutter VK 500
- Speed controller MS EC
- Controller IQ-Reg EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R

SOUND DATA

	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
Surrounding 10 V	66	51	58	65	53	51	41	39	36
Outlet 10 V	84	66	73	78	75	81	74	67	60
Inlet 10 V	72	60	68	68	54	56	56	49	47
Inlet 8 V	72	57	68	69	50	52	51	45	43
Inlet 6 V	67	52	66	53	42	46	44	38	37
Inlet 4 V	59	49	58	44	34	39	35	30	30
Inlet 2 V	45	42	40	31	24	29	23	19	16

MORE INFORMATION



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DIMENSIONS

