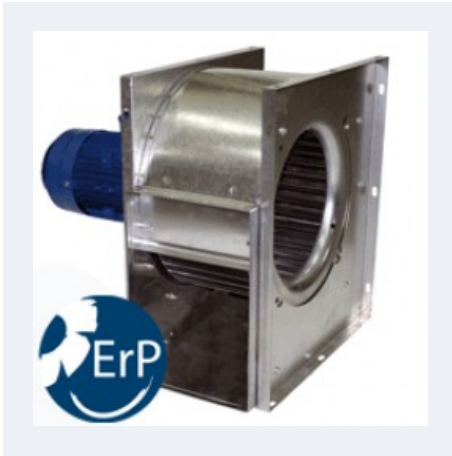


BC



**SIMPLE INLET FORWARD IMPELLER FAN**

MANUFACTURING FEATURES:

- Galvanised steel sheet housings and epoxy powder finishing coat.
- Simple inlet forward curved impeller.
- Squirrel cage asynchronous standard motor, IP-55 protection and rated class F insulation. Standard voltages 230V 50Hz for single phase motors, 230/400V 50Hz for three phase.

APPLICATIONS:

- Designed for inline installation, they are suitable for:
- Industrial applications, extraction or injection of air.
  - Cooling of machines and parts.
  - Clean air transport.
  - Maximum air working temperature: 130°C in continuous

**Accessories**



BA-400



EI



FILTRO  
EMC



INT

UNDER REQUEST:

- 2 speed motors.



SFC

## Technical data

### Single-phase motor

Code	Model	R.P.M.	Rated I. (A) 230V	Rated power kW	Max. Airflow m3/h	Sound db (A)*	Weight	Connect. diagram
251200103	BC 25/10 M4 0,55kW	1400	3,98	0,55	2.200	53	17,50	1
251360103	BC 28/11 M4 1,1kW	1400	7,45	1,10	3.400	56	29,50	1
251670103	BC 35/18 M4 1,5kW	1400	9,83	1,50	5.200	60	34	1

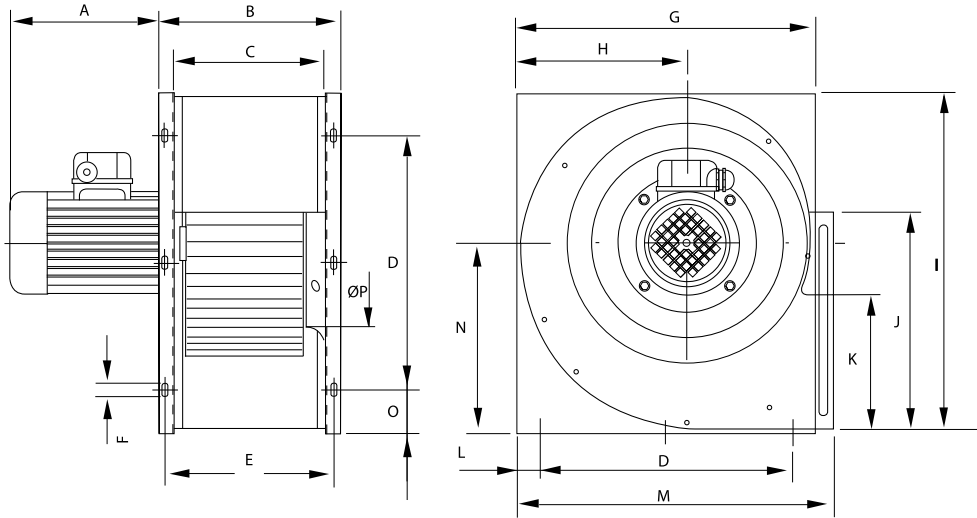
### Three-phase motor

Code	Model	R.P.M.	Rated I. (A) 400V	Rated power kW	Max. Airflow m3/h	Sound db (A)*	Weight	Connect. diagram
251200106	BC 25/10 T4 0,55kW	1400	1,49	0,55	2.200	53	18	2
251360106	BC 28/11 T4 1,1kW	1400	2,49	1,10	3.400	56	29,50	2
251670106	BC 35/18 T4 1,5kW	1400	3,26	1,50	5.200	60	34	2
251650106	BC 35/18 T6 0,75kW	910	1,95	0,75	4.000	50	32	2

**Notes:**

\* Total sound pressure level at the point of maximum flow measured in dB(A) in the suction measured in free field at a distance of 6m from the source

### Dimensions



Model	A	B	C	D	E	F	G	H	I
BC 25/10 M4 0,55kW	200	186,5	138	290	164,5	10	352	199	397
BC 25/10 T4 0,55kW	200	186,5	138	290	164,5	10	352	199	397
BC 28/11 M4 1,1kW	220	203	153	324	181	10	398	227,5	455
BC 28/11 T4 1,1kW	220	203	153	324	181	10	398	227,5	455
BC 35/18 M4 1,5kW	260	286	236	399	264	20	468	267	534
BC 35/18 T4 1,5kW	260	286	236	399	264	20	468	267	534
BC 35/18 T6 0,75kW	260	286	236	399	264	20	468	267	534

Model	J	K	L	M	N	O	Ø
BC 25/10 M4 0,55kW	261	150	31	385	221	53,5	198
BC 25/10 T4 0,55kW	261	150	31	385	221	53,5	198
BC 28/11 M4 1,1kW	293,5	167,5	37	425	255,5	65,5	222
BC 28/11 T4 1,1kW	293,5	167,5	37	425	255,5	65,5	222
BC 35/18 M4 1,5kW	341	240	34,5	497	302	67,5	260
BC 35/18 T4 1,5kW	341	240	34,5	497	302	67,5	260
BC 35/18 T6 0,75kW	341	240	34,5	497	302	67,5	260

# Wiring diagram

DIAGRAM Nº 1

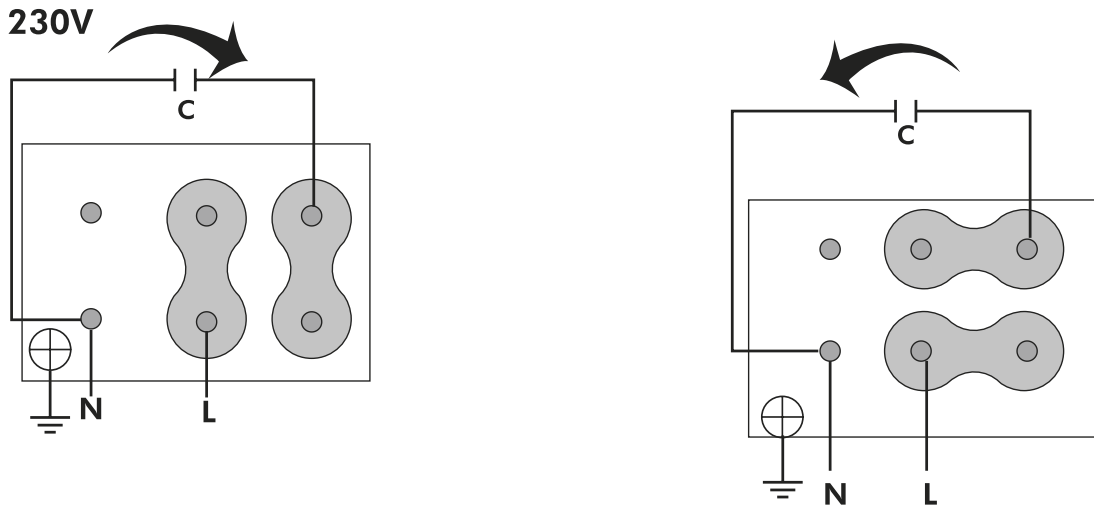
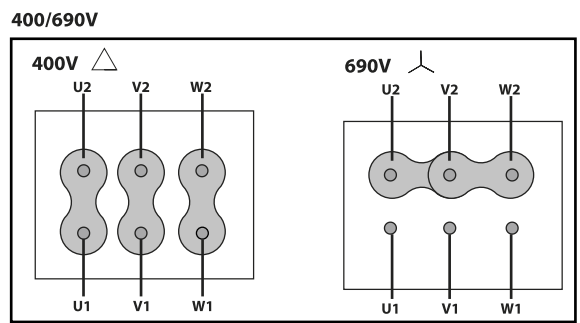
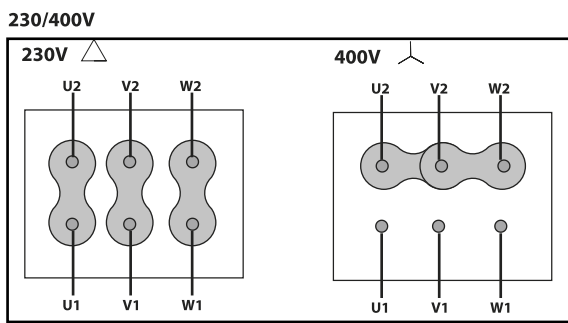


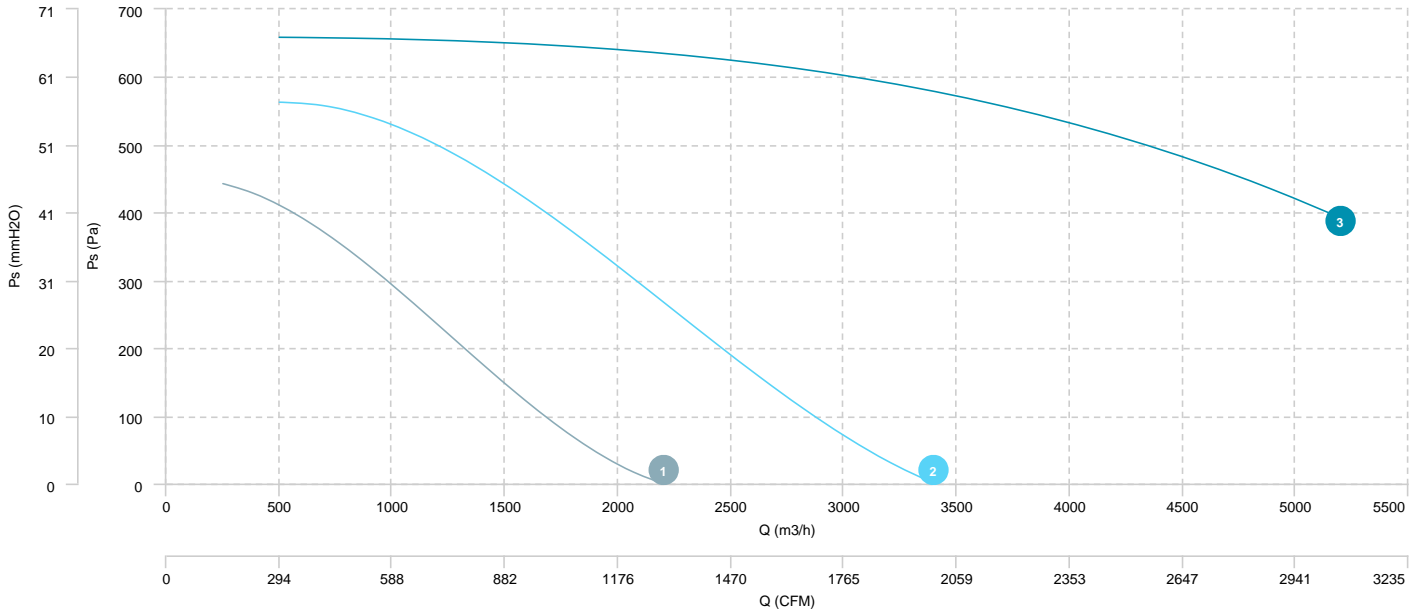
DIAGRAM Nº 2



# CHARACTERISCTIC CURVE

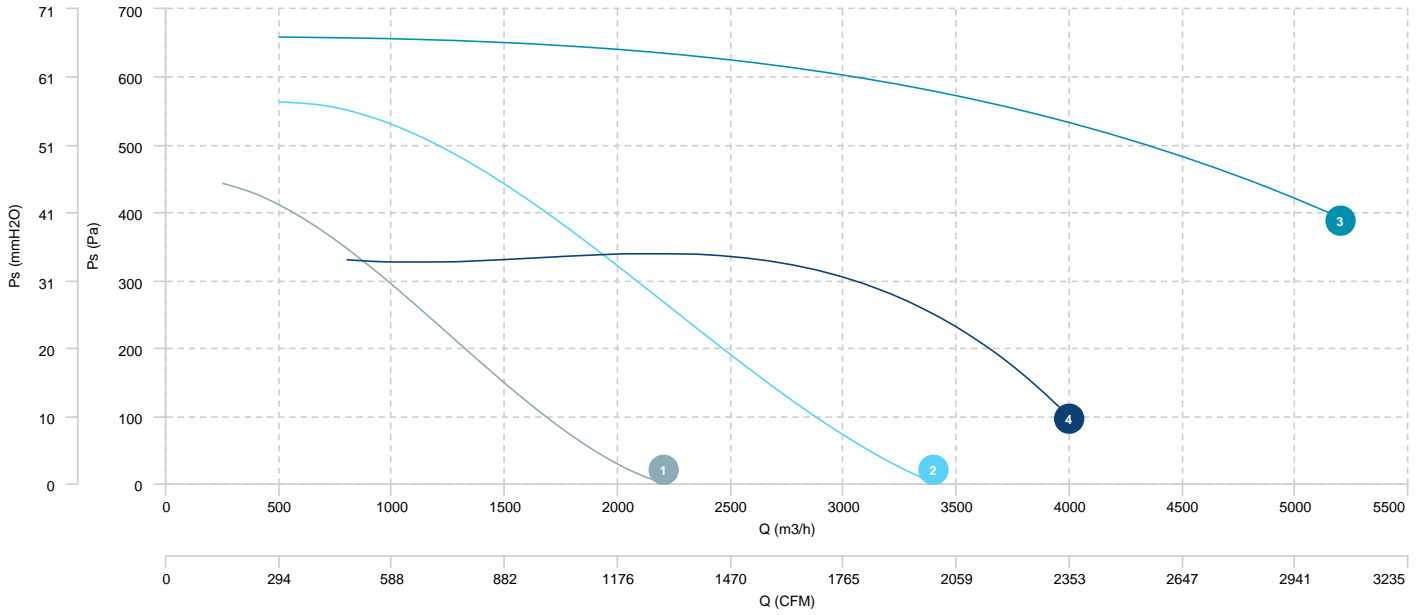
- 1 BC 25/10 M4 0,55kW
- 2 BC 28/11 M4 1,1kW
- 3 BC 35/18 M4 1,5kW

AIR FLOW - PRESSURE



- 1 BC 25/10 T4 0,55kW
- 2 BC 28/11 T4 1,1kW
- 3 BC 35/18 T4 1,5kW
- 4 BC 35/18 T6 0,75kW

## AIR FLOW - PRESSURE



## Sound data

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
BC 25/10 M4 0,55kW	Inlet	41	52	64	71	75	73	70	61	79
BC 25/10 T4 0,55kW	Inlet	41	52	64	71	75	73	70	61	79
BC 28/11 M4 1,1kW	Inlet	44	55	67	74	78	76	73	64	82
BC 28/11 T4 1,1kW	Inlet	44	55	67	74	78	76	73	64	82
BC 35/18 M4 1,5kW	Inlet	48	59	71	78	82	80	77	68	86
BC 35/18 T4 1,5kW	Inlet	48	59	71	78	82	80	77	68	86
BC 35/18 T6 0,75kW	Inlet	38	49	61	67	72	69	67	58	76