

BCI



FAN PORTABLE FOR INFLATABLE

MANUFACTURING FEATURES:

- Fully made of galvanised steel sheet.
- Simple inlet forward curved impeller in all models.
- Portable box with anti-return valve.
- Circular outlet for direct connection to duct or inflatable input.
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. Manufactured with standard voltages: 230V 50Hz.
- Default assembly position is LG270.

APPLICATIONS:

- Inflatable slides and castles.
- Industrial applications, extraction or injection of air.
- Maximum working temperature: carried air: 130°C, ambient 50°C.

Accessories



BA-400



BAD



INT



JE-45



**SIL-C /
SIL-CN**

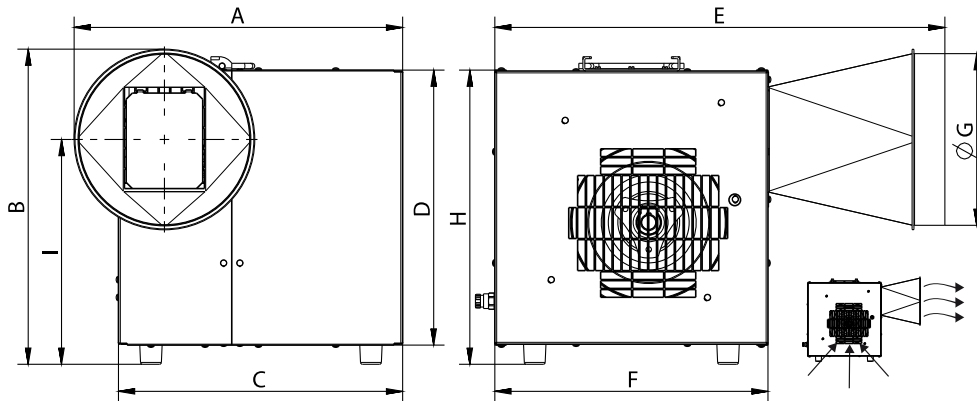
Technical data

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
253250103	BCI 20/8 M2 1,1kW	2800	6,71	1,10	1.590	57	27	1
253260103	BCI 22/9 M2 1,1kW	2800	6,71	1,10	1.300	62	38	1
253260120	BCI 22/9 M2 1,5kW	2800	9,44	1,50	2.010	62	39	1
253320103	BCI 25/10 M2 1,5kW	2800	9,44	1,50	1.430	66	45	1

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

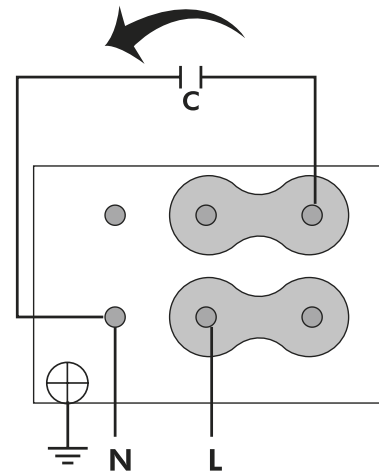
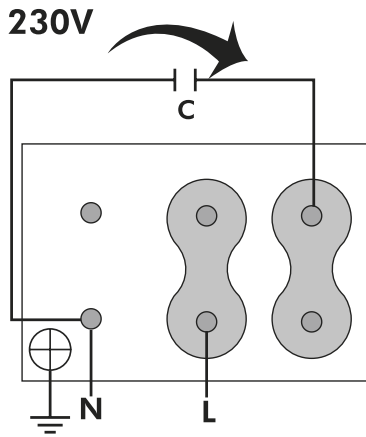
Dimensions



Model	A	B	C	D	E	F	GØ	H	I
BCI 20/8 M2 1,1kW	425	405	370	355	585	355	223	380	290
BCI 22/9 M2 1,1kW	490	450	445	405	595	405	223	430	330
BCI 22/9 M2 1,5kW	490	450	445	405	595	405	223	430	330
BCI 25/10 M2 1,5kW	490	450	445	405	595	405	223	430	330

Wiring diagram

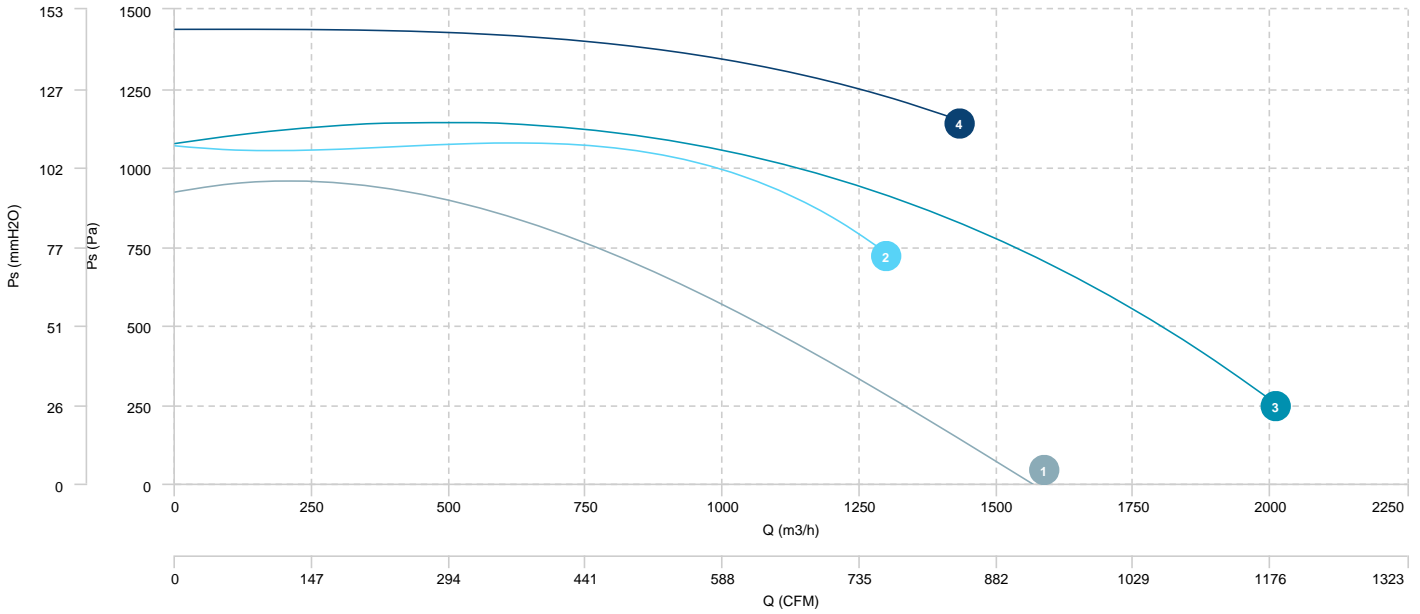
DIAGRAM N° 1



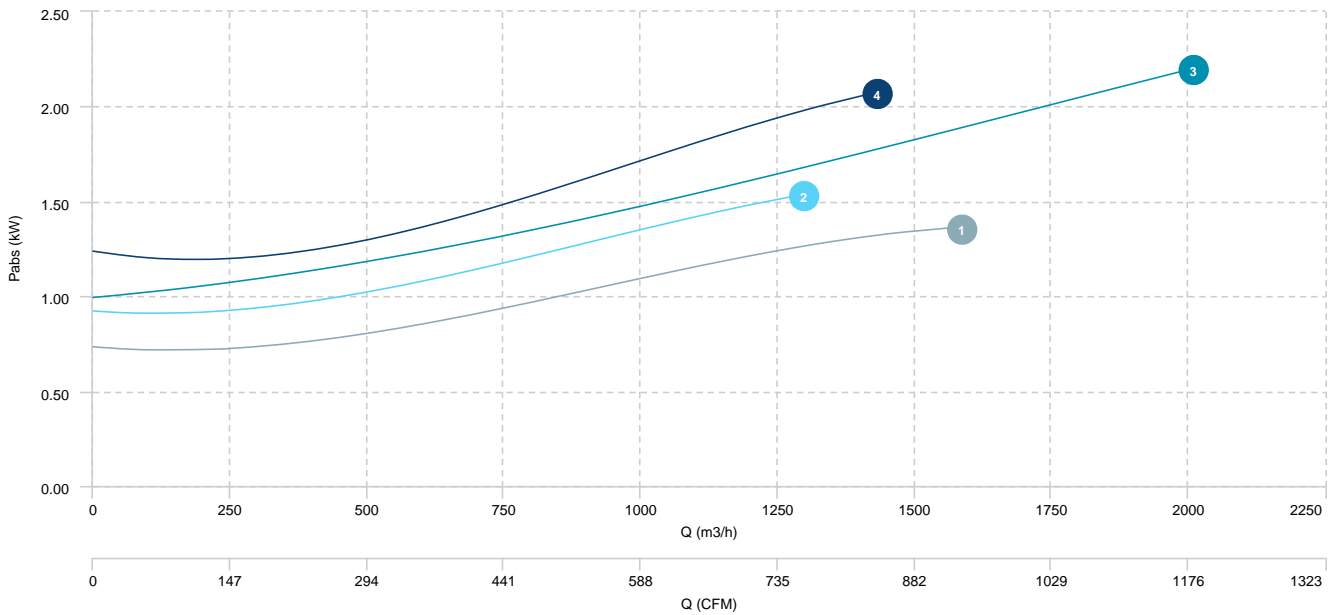
CHARACTERISTIC CURVE

- 1 BCI 20/8 M2 1,1kW
- 2 BCI 22/9 M2 1,1kW
- 3 BCI 22/9 M2 1,5kW
- 4 BCI 25/10 M2 1,5kW

AIR FLOW - PRESSURE



AIR FLOW - ABSORBED POWER



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
BCI 20/8 M2 1,1kW	Inlet	46	56	69	75	80	77	74	66	83
BCI 22/9 M2 1,1kW	Inlet	50	61	73	79	84	81	79	70	88
BCI 22/9 M2 1,5kW	Inlet	50	61	73	79	84	82	79	70	88
BCI 25/10 M2 1,5kW	Inlet	54	65	77	83	88	86	83	74	92