

Concial Inlet Design

Ranging from 8.6 to 11.0 inch (225 and 280 mm) Diameters

Beckett Air backward inclined centrifugal wheels deliver both increased static pressure and airflow. They have extremely low sound levels and are ruggedly constructed for long life. The non-overloading horsepower characteristics of backward inclined blowers mean changes in static pressure will not overload motors.

Beckett Air's backward inclined wheels are found in application requiring high suction or pressure requirements. Backward inclined wheels listed here are manufactured at Fergas Asia Pacific and are available in diameters ranging from 8.6 to 11.0 inches (225 and 280 mm).



Specifications

Configuration Number	Blade Tip Diameter		Width of Blades Inside Discs		No. of Blades	Air Inlet Diameter		App. Wt. – Steel	
	in.	mm	in.	mm		in.	mm	Lbs.	kg
B225-37	8.56	225	1.45	37	11	6.02	153	1.28	0.58
B225-48			1.89	48				1.36	0.62
B225-65			2.50	65				1.47	0.67
B250-40	9.84	250	1.57	40		6.77	172	1.54	0.70
B250-52			2.05	52				1.65	0.75
B250-56			2.20	56				1.70	0.77
B280-40	11.02	280	1.57	40		7.52	191	1.85	0.84
B280-50			1.97	50				1.90	0.86
B280-78			3.07	78				2.27	1.03

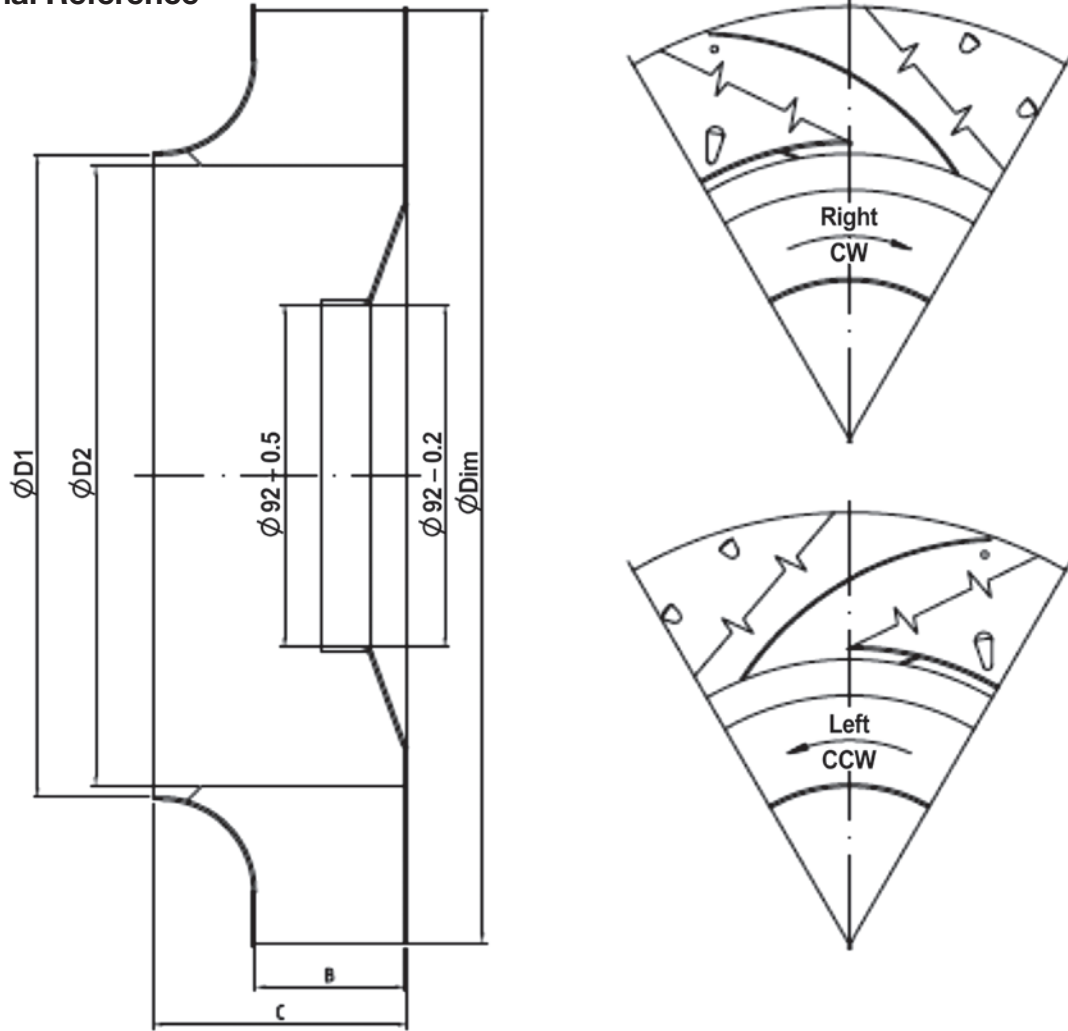
Rotation Options ¹	Wheel Material Options ²	Std. Mounting Method
CW, CCW	Galvanized Steel Standard Option	Pressfit on to 92 mm (3.62 in.) external rotormotor

Notes
¹ Rotation is defined by note on dimensional reference drawings.
² Other materials are available.

Performance Charts

Actual airflow, static pressure and horsepower characteristics are dependent on application, motor used, inlet/outlet dimensions and other factors. Beckett Air can provide samples of wheels to OEM customers for evaluation purposes or perform testing on wheels as installed to confirm actual performance characteristics. Please contact us if this service would be of interest.

Dimensional Reference



ØDim		B		C		ØD1		ØD2	
in	mm	in	mm	in	mm	in	mm	in	mm
8.56	225	1.45	37	2.45	62	6.02	153	5.78	147
		1.89	48	2.89	73				
		2.50	65	3.48	88				
9.84	250	1.57	40	2.69	68	6.77	172	6.54	166
		2.05	52	3.16	80				
		2.20	56	3.32	84				
11.02	280	1.57	40	2.81	71	7.52	191	7.40	188
		1.97	50	3.21	81				
		1.97	78	4.31	109				

All data listed in this informational sheet is subject to change without notice.

For more information, go to www.becketair.com or contact Beckett Air, Inc.

Mail: PO Box 1236, Elyria, Ohio 44036

Factory: 37850 Beckett Pkwy, North Ridgeville, Ohio 44036 T: +1 440 327 9999 F: +1 440 327 3569

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