

## Strip Wheel Design – Double Inlet

3.25 inch (83 mm) Diameter

Beckett Air's special strip wheel blade angle and curvature deliver maximum air at peak efficiency and our precision assembly process assures high concentricity and almost perfect balance.

Our unique ring assembly makes this wheel the most rigidly constructed strip wheel in the industry.

Strip wheels are manufactured at our Ohio facility and are available in several other diameters and widths.



## Specifications

Configuration Number	Dia. "D"		Width "W"		No. of Blades	Blade-to-Blade I.D. "K"		App. Wt. Steel		App. Wt. Aluminum		Max RPM
	in.	mm	in.	mm		in.	mm	Lbs.	kg	Lbs.	kg	
V325-208D	3.25	83	2.08	53	24	2.55	65	0.31	0.14	0.19	0.09	5000
V325-300D			3.00	76				0.35	0.16	0.19	0.09	4000
V325-374D			3.74	95				0.41	0.19	0.21	0.10	4000
V325-406D			4.06	103				0.47	0.21	0.21	0.10	3500

Maximum RPM is based on stationary installations and ambient operating temperatures. Please contact Beckett Air for information regarding applications outside these parameters.

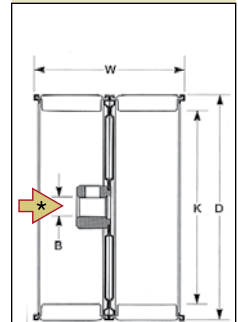
## Options

Rotation <sup>1</sup>	Wheel Material <sup>2</sup>		Secondary Coatings <sup>3</sup>	Std. Hub Bores "B" <sup>4</sup>		Hub Material	Other <sup>5,6,7</sup>
				In.	mm		
CW, CCW	Aluminum	Standard Option	Paint, E-coating, Nickel Plating	1/4, 5/16, 3/8, 1/2	6.4, 7.9, 9.5, 12.7	Aluminum, Nickel-Plated Steel, Plain Steel, Stainless Steel, Zinc-Plated	Housings, Asymmetrical Wheels, Balancing
	Aluminized Steel	Standard Option					
	Galvanized Steel	Standard Option					
	Galvalume	Custom Option					
	Galvanneal	Custom Option					
	Plain Steel	Custom Option					
Stainless Steel	Custom Option						

### Notes

- Rotation is defined by note on dimensional reference drawings.
- Materials listed as Standard Option are most commonly used in Key Rivet wheels but other materials listed as Custom Option are available.
- Secondary coatings are applied to fully assembled wheel.
- Standard hub has one set screw. Hubs with two screws and/or metric bore sizes are also available.
- For quoting purposes, Beckett Air will quote a standard housing for the wheel that is selected if required. Customers can also submit a specific engineered design for a final quotation.
- Asymmetrical Double Inlet Wheels: Double Inlet Wheels shown are made up with two wheels of the same width (for example, two single 2.5 inch wheels are combined to make one 5.0 inch double inlet wheel). Customer can also select two wheels with dissimilar widths (for example, one 2.0 inch and one 3.0 inch combined to make one double inlet 5 inch wheel).
- Rotating static balance to .040 ounce-inch (standard). Dynamic (two plane) balance and/or reduced static balance tolerances (optional).

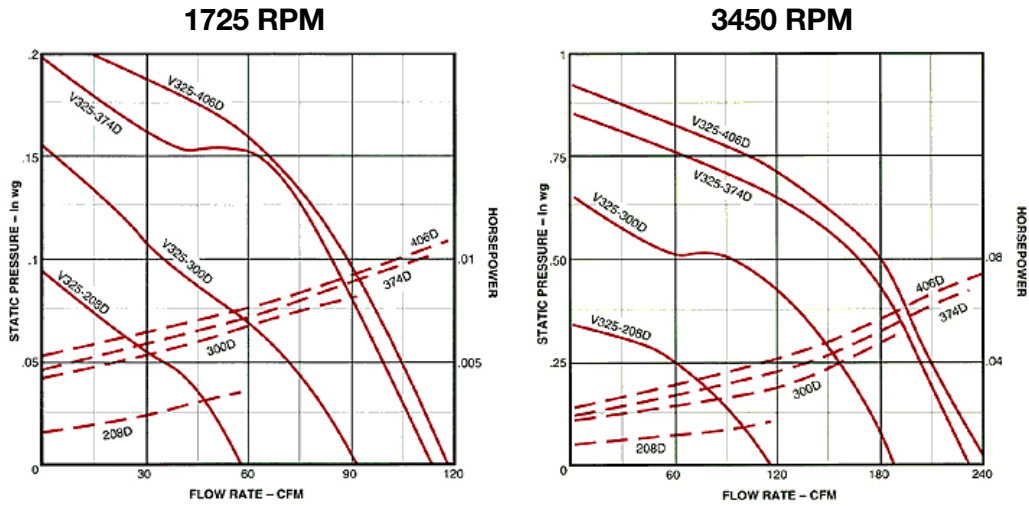
### Dimensional Reference



\*Rotation for double inlet blower wheels is determined by viewing the hub side.

## Airflow Characteristics

Performance charts below are for reference only. 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 or perform testing on blower wheels as installed to confirm actual performance characteristics.



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

For more information, go to [www.becketair.com](http://www.becketair.com) or contact Beckett Air, Inc.

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