

## BACKWARD CURVED IMPELLERS

- ◆ Better System Efficiency
- ◆ Lower Profile
- ◆ Higher Static Capability



## APPLICATIONS:

HVAC Residential / Commercial, Indoor Air Quality Equipment, Data Center Air Conditioning, Building Ventilation, Kitchen Exhaust

## PRODUCT FEATURES:

- ◆ Available in Industry Standard Sizes 11"– 22" diameters with flexible widths, (manufacturing capability for additional diameters)
- ◆ Compatible with both external rotor motors (ERM) and NEMA sized motor shafts
- ◆ Aluminum Impeller and hub
- ◆ Welded Assembly
- ◆ Steel Inlet Venturi: can be modified to customer equipment including piezo tap installation for flow monitoring and control

## WHY CHOOSE MORRISON?

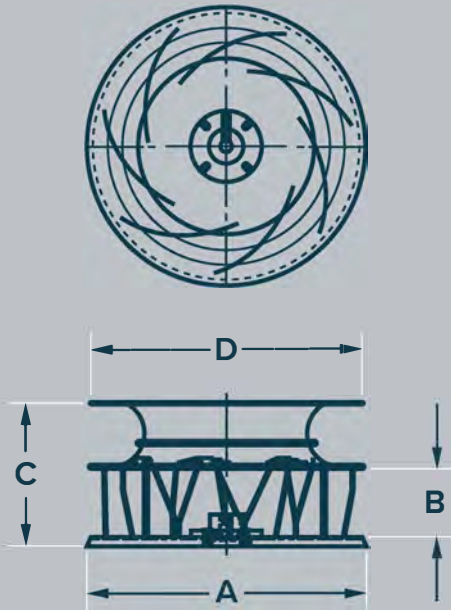
- ◆ **Custom Solutions:** Morrison Products' flexible tooling and processes allow for custom, in addition to catalog solutions. Where other manufacturers offer only standard catalog product solutions, Morrison Products can design a backward curved impeller specific to the application.
- ◆ **Compatibility:** Morrison Products' backward curved impellers are compatible with most motor manufacturers motors and can be mounted to a variety of motor types and configurations including direct drive motors with NEMA sized shafts, belt driven motors, and external rotor motors (ERM).
- ◆ **Delivery:** Made in the U.S.A. for shorter lead times, rapid product development and flexible delivery options.
- ◆ **Motorized Assembly Capable:** Morrison Products can design, build and deliver motorized impeller assemblies utilizing either Morrison Products or customer specified motor.
- ◆ **The Morrison Reputation:** With over 90 years of air movement expertise and fan manufacturing, expect the same best in class service, quality, and delivery with Morrison Products' Backward Curved Impellers that have made Morrison Products North America's leading forward curved fan manufacturer.

*Talk with our team about your air flow needs*

216-486-4000 | [sales@morrisonproducts.com](mailto:sales@morrisonproducts.com) | [www.morrisonproducts.com](http://www.morrisonproducts.com)

Morrison Products, Inc. — Since 1923

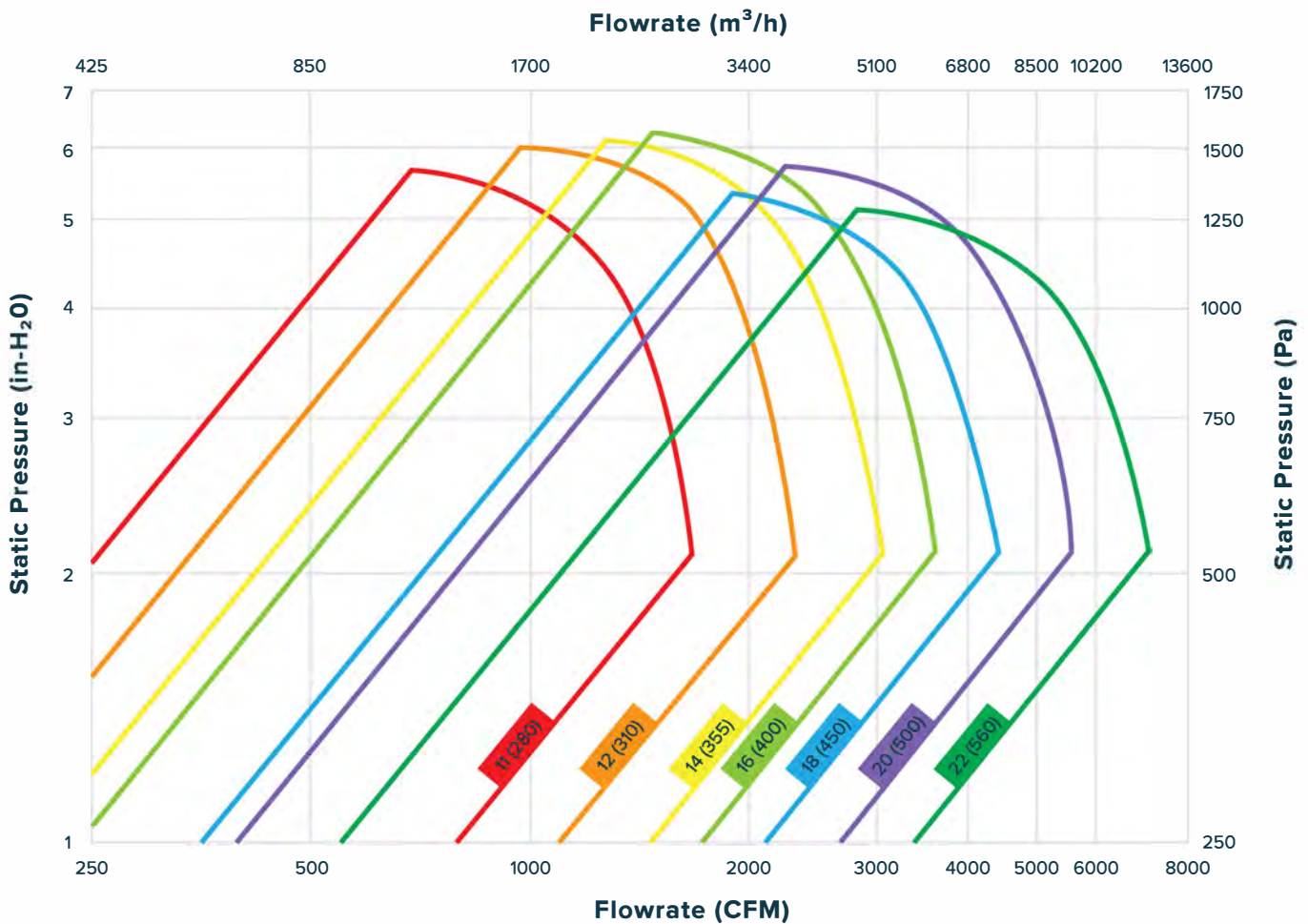
# OUR NUMBERS SPEAK FOR THEMSELVES



DIMENSIONS IN INCHES (MM) (100% WIDTH)				
NOMINAL DIAMETER	A	B	C	D
11 (280)	11.5 (292)	2.8 (70)	5.5 (139)	11.4 (290)
12 (310)	12.5 (318)	3.3 (83)	6.7 (169)	12.1 (307)
14 (355)	14.2 (360)	3.5 (89)	7.4 (188)	13.8 (350)
16 (400)	15.9 (403)	4.0 (102)	8.2 (207)	16.2 (412)
18 (450)	17.9 (455)	4.5 (114)	9.1 (231)	18.3 (464)
20 (500)	19.9 (505)	5.0 (127)	10.2 (259)	20.6 (522)
22 (560)	22.3 (566)	5.5 (140)	11.3 (287)	22.8 (579)

**NOTE:**

1. Width (B) available 75% to 125%
2. CLW or CCW rotation
3. NEMA standard hub bore size
4. Special mounting for ERM available upon request



**WE CUSTOMIZE TO MATCH YOUR NEEDS**

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