

16"-34" AMCA High Value Heavy Duty Industrial Damper

Fab-Tech, Inc. certifies that the Industrial Single Blade Isolation Damper shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program.

The AMCA Certified Ratings Seal applies to Air Leakage ratings and Air Performance ratings.

1. Test method per AMCA Standard 500-89

Data based on a seating torque of: 125 in-lbf/ft² for 16" damper, 86 in-lbf/ft² for 48" damper

2. Air leakage is based on operation between 50°F & 104°F (10°C to 40°C) and data corrected to represent standard air density 0.075 lbs/ft³.

Damper Dia.	Pressure	AMCA Leakage Class
16" - 34"	1" WG	1A
	4", 8", 12" WG	1

Tested Leakage Rates Available, Contact Fab-Tech Inc.

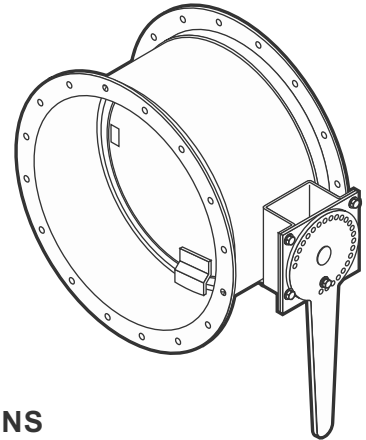
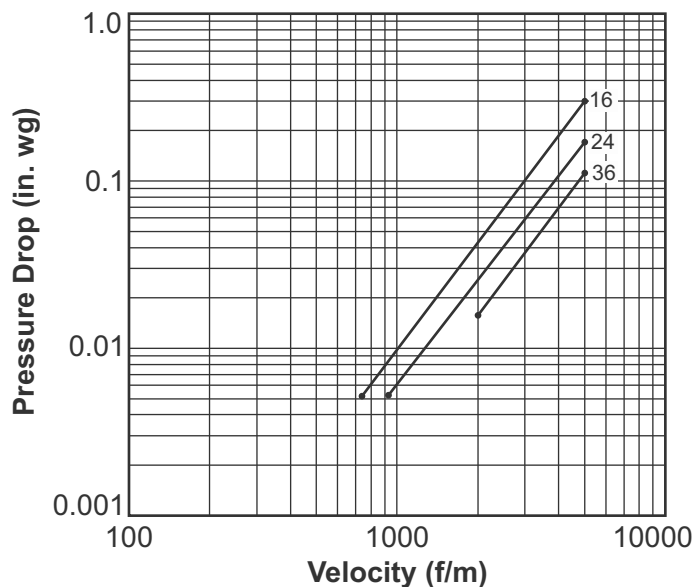
Leakage Classification L/s/m² (ft³/min/ft²)

Pressure Class	Required Range		Extended Range (Optional)	
	0.25 kPa (1" wg)	1.0 kPa (4" wg)	2.0 kPa (8" wg)	3.0 kPa (12" wg)
1A	15.2 (3)*	N/A	N/A	N/A
1	20.3 (4)	40.6 (8)	55.9 (11)	71.1 (14)
2	50.8 (10)	102 (20)	142 (28)	178 (35)
3	203 (40)	406 (80)	569 (112)	711 (140)

*Units for maximum ratings in () are CFM Sq. Ft.

■ Damper Leakage Test based on ANSI/AMCA Standard 500-D-07, Ref. Fig 5.6

■ Pressure Drop Test based on AMCA Standard 500-D-98, Ref. Fig 5.3



SPECIFICATIONS

BODY: COATED 12GA STAINLESS STEEL

BODY LENGTH: 10"

COATING: PERMASHIELD FLUOROPOLYMER BARRIER COATING

JOINING SYSTEM: STITCH WELDED COATED BLACK IRON VAN STONE RINGS

OPTION: CUSTOM HOLE PATTERN

MOUNTING HOLES: STRADDLE VERTICAL CENTERLINE

BLADE: OFFSET - 1/4" COATED STAINLESS STEEL

BLADE EDGE SEAL: VITON

BLADE STOPS: WELDED

AXLES: DUAL SHAFT 1.38Ø STAINLESS STEEL

AXLE SEALS: LIQUID TIGHT

SLEEVE BEARINGS: THERMOPLASTIC

ACTUATOR: MANUAL LEVER

OPTION: MANUAL GEAR BOX W/ LOCK OUT

OPTION: CUSTOM ACTUATOR MOUNTING KIT

OPTION: ELECTRIC ACTUATOR

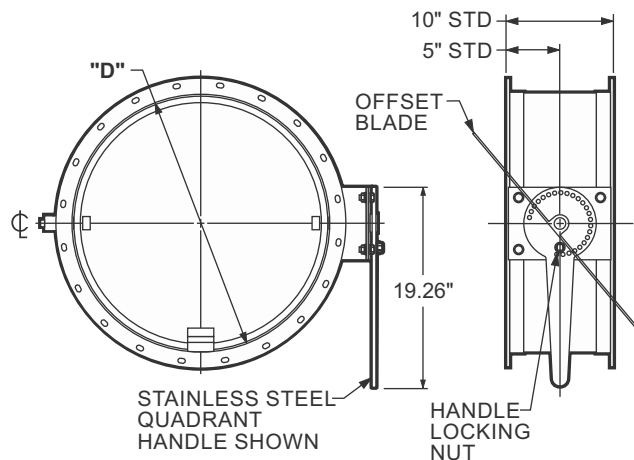
OPTION: PNEUMATIC ACTUATOR

LOCKOUT: 1/2° INTERVALS

BLADE OPENS: CCW

OPEN/CLOSE TORQUE: 1000 in-lb RECOMMENDED MIN

NOTE: All fittings with standard Fab-Tech connections include gaskets and clamps or hardware as required for installation.



JANUARY 2019 REV: 01/02/19 CAT042EC

36"-48" AMCA High Value Heavy Duty Industrial Damper

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1. Test method per AMCA Standard 500-89

Data based on a seating torque of: 125 in-lbf/ft² for 16" damper, 86 in-lbf/ft² for 48" damper

2. Air leakage is based on operation between 50°F & 104°F (10°C to 40°C) and data corrected to represent standard air density 0.075 lbs/ft³.

Damper Dia.	Pressure	AMCA Leakage Class
36" - 48"	1"WG	1A
	4", 8", 12"WG	1

Tested Leakage Rates Available, Contact Fab-Tech Inc.

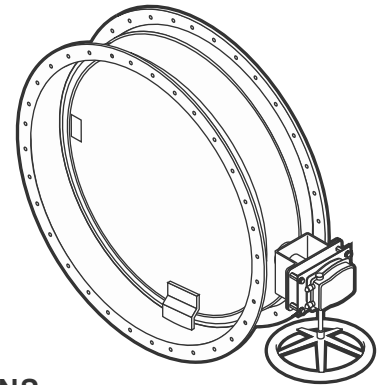
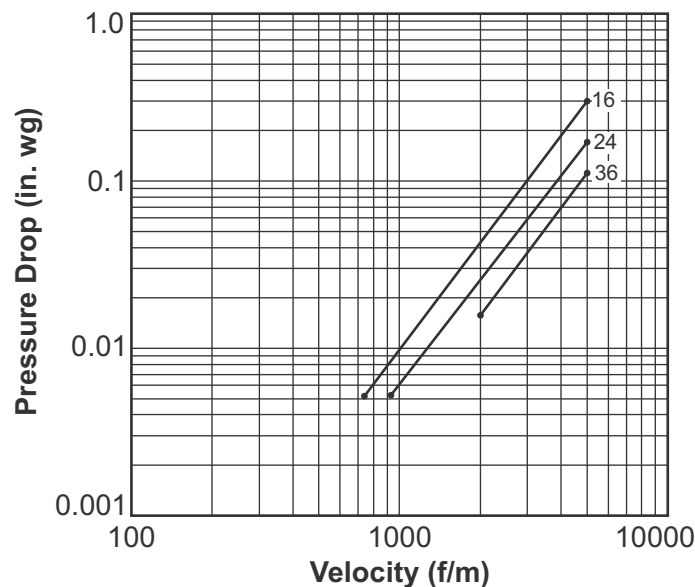
Leakage Classification L/s/m² (ft³/min/ft²)

Pressure Class	Required Range		Extended Range (Optional)	
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1A	15.2 (3)*	N/A	N/A	N/A
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*Units for maximum ratings in () are CFM Sq. Ft.

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ACTUATOR: MANUAL GEAR BOX W/ LOCK OUT

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OPTION: ELECTRIC ACTUATOR

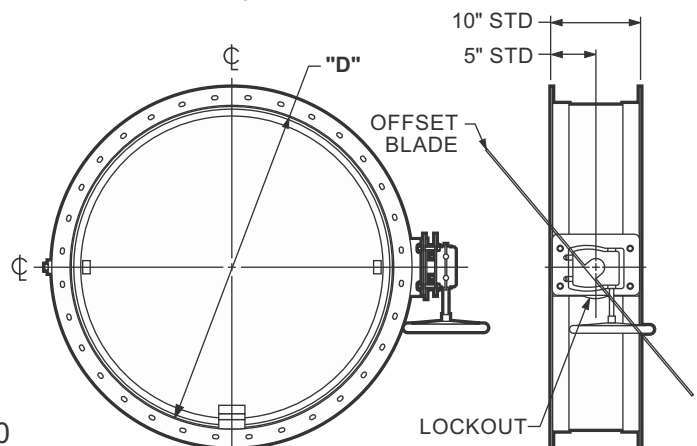
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LOCKOUT: 1/2° INTERVALS

BLADE OPENS: CCW

OPEN/CLOSE TORQUE: 1000 in-lb RECOMMENDED MIN

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