

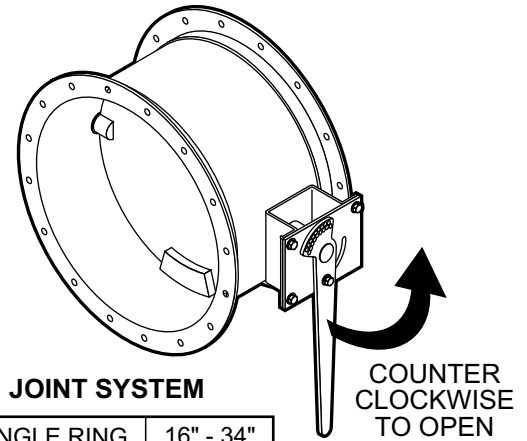
**16"-34" AMCA Heavy Duty Industrial Damper**

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/ft<sup>2</sup> for 16" damper, 86 in-lbf/ft<sup>2</sup> 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/ft<sup>3</sup>.



**WITH JOINT SYSTEM**

BI ANGLE RING	16" - 34"
SS ANGLE RING	16" - 34"

OPEN/CLOSE TORQUE: 1000 in-lb (RECOMMENDED MINIMUM)

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/m<sup>2</sup> (ft<sup>3</sup>/min/ft<sup>2</sup>)

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**

- Welded stainless steel rings
- Mounting holes straddle vertical centerline.
- Liquid tight shaft seals - thermoplastic sleeve bearings.
- 1.38" stainless steel axles
- .25" stainless steel blades.
- Stainless steel quadrant plate.
- Multi-position handle, 5° lockout feature.
- Welded blade stops with Viton seal (3/16" x 1-1/2").

**OPTIONS**

- Pneumatic actuator.
- Electric actuator.
- Manual gear drive actuator.
- Custom actuator mounting kits.
- Custom hole pattern.
- Pin-Lock Pin ( Keyed MASTERLOCK® body sold separately )

DIAMETER	BLADE	BODY
16" TO 34"	.25"	10GA

