




MULTI-BLADE LOW LEAKAGE FIRE DAMPERS
AIRFOIL BLADES • GALVANIZED OR STAINLESS STEEL
USCG TYPE APPROVED FOR CLASS A-60 DIVISIONS
MODELS: 1201-MDG AND 1201-MDS

APPLICATION:

Models 1201-MDG (galvanized) and 1201-MDS (stainless steel) are multi-blade low leakage fire dampers for use in marine applications which require USCG approval for installation in Class A-60 divisions.

QUALIFICATIONS:

- International Maritime Organization Fire Test Procedures Code USCG Type Approval A-60. Approval Number 164.139/8/0.
- European Wheel Mark  1408/05.
- Southwest Research Institute Test report No. 01.10933.01.701.
- Leakage: Less than 4 cfm/sq. ft. @ 1" w.g.

STANDARD SPECIFICATION:

- FRAME:** 5" x 7/8" x 16 ga. (127 x 22 x 1.6) galvanized or stainless steel hat channel.
- BLADES:** 14 ga. (2.0) equivalent galvanized or stainless steel formed airfoil on 5 1/2" (140) centers. Opposed blade action.
- LINKAGE:** Concealed in frame. 12 ga. (2.7) plated or stainless steel.
- AXLES:** 1/2" (13) dia. plated or stainless steel double bolted to blade.
- BEARINGS:** 1/2" (13) dia. self-lubricating oilite bronze or sintered stainless steel.
- JACKSHAFT:** 1/2" (13) dia. plated or stainless steel. CCW rotation to open.
- JAMB SEALS:** Stainless steel.
- FUSIBLE LINK:** 165°F (74°) standard.
- SLEEVE:** 12" (305) long x 16 ga. (1.6) with 2" (51) flange on both ends. 8" (203) through 24" (610) long and 16 ga. (1.6) through 10 ga. (3.51) available. Flange widths from 1" (25) to 3" (76) available.
- MINIMUM SIZE:** Vertical or Horizontal mount: 8" x 8" (200 x 200).
- MAXIMUM SIZE:** Single Section
 Vertical or Horizontal mount: 36" x 36" (915 x 915).
 Multiple Section Assembly
 Vertical or Horizontal mount: 72" x 36" (1830 x 915).

BASE MODEL SELECTION:

- 1201-MDG Galvanized construction.
- 1201-MDS Type 304 Stainless Steel construction.
- 1201-MDS Type 316 Stainless Steel construction.

SLEEVE SELECTION:

SLEEVE LENGTH AND GAUGE:

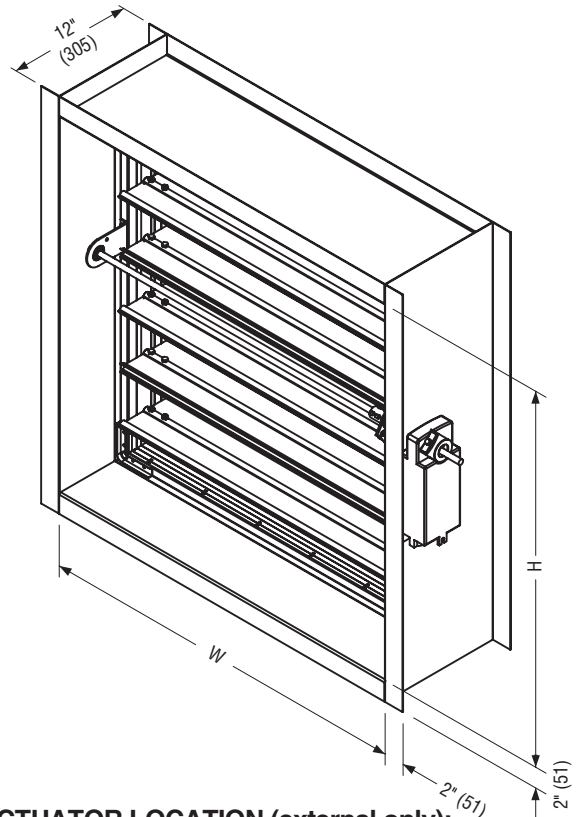
- Standard 12" (305) long x 16 ga. (1.6).
- Non-standard. Specify: ___ inches (mm) x ___ ga.

SLEEVE FLANGE:

- Standard 2" (51) flange.
- Non-standard flange. Specify: ___ inches (mm).

ACTUATOR SELECTION:

- Electric Pneumatic Model: _____
- HLQ Hand locking quadrant



ACTUATOR LOCATION (external only):

- Right hand (std.) Left hand

ACTUATOR FAIL POSITION:

- Closed (std.) Open

OPTIONS:

- CWS Continuous weld sleeve.
- 300 MLS-300 position indicator package.
- 212 212°F (100°C) fusible link.

ACTUATORS

MODEL	SUPPLY (VOLTAGE OR PSI)	APPLICATION
MS4X09 MS8X09 MS4Y09 Honeywell FATPA HT 80 lb. - in.	120 VAC 24 VAC 230 VAC	Single Section (Fail Closed)
MS4120 MS8120 MS4620 Honeywell FATPA XT 175 lb. - in.	120 VAC 24 VAC 230 VAC	Single Section (Fail Closed or Open) or Multi-Section (Fail Closed)
331-4826 Siemens #3 8 - 13 psi spring	25 psi	Single Section (Fail Closed)
331-2961 Siemens #4 8 - 13 psi spring	25 psi	Multi-Section (Fail Closed)

Actuators are externally mounted only.
 Additional actuators available. Contact factory.

Dimensions are in inches (mm).

SCHEDULE TYPE:				
PROJECT:				
ENGINEER:	DATE	B SERIES	SUPERSEDES	DRAWING NO.
CONTRACTOR:	6 - 7 - 06	1200	1 - 25 - 06	1201-MDG