




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. 10" (254) through 24" (610) long and 16 ga. (1.6) through 10 ga. (3.51) available. 12" (305) min. with MLS-300. 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:

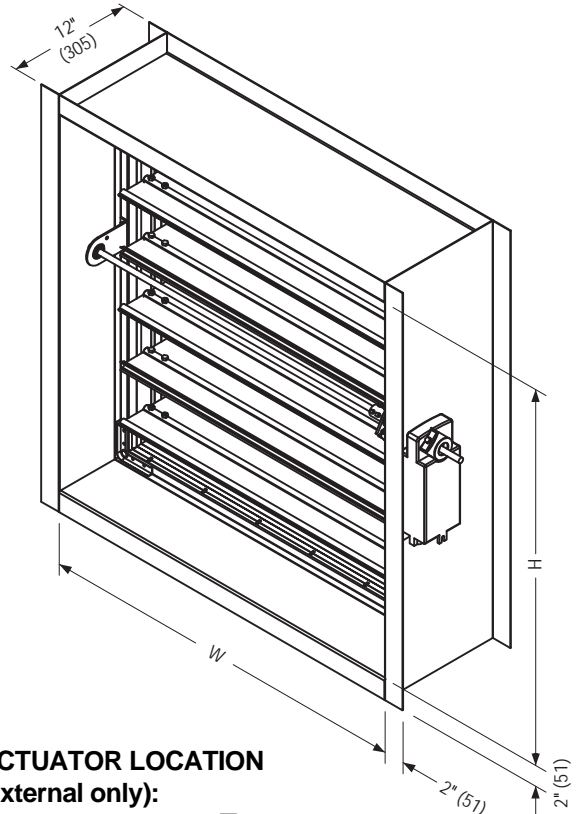
- Standard 12" (305) long x 16 ga. (1.6).
- Non-standard. Specify: ___ inches (mm) x ___ ga.

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)
MS4120F MS8120F 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:	8 - 21 - 12	1200	6 - 7 - 06	1201-MDG