



**SMOKE DAMPER**  
 HIGH PERFORMANCE • AIRFOIL BLADE  
 SQUARE, RECTANGULAR OR OVAL  
 DUCT CONNECTION  
**MODEL: 1283 (TYPE C SLEEVE ENCLOSURE)**



**QUALIFICATIONS:**

- **UL 555S CLASSIFIED SMOKE DAMPER (File # R9492)** Leakage Class I or II at 250°F or 350°F elevated temperature.
- Meets NFPA 90A, 92A, 92B, 101 and 105 as well as IBC and NBC (Canada) Building Code requirements.
- California State Fire Marshal Listing No. 3230-0935:107.
- City of New York. MEA# 366-03-M.
- Maximum velocity 2000 fpm @ 4" w.g.
- Tested in accordance with AMCA Standard 500-D for pressure drop.

The 1280 Series dampers are Nailor's premium choice for applications where building codes require a leakage rated (smoke) damper as part of a static smoke control or dynamic smoke management system.

The 1280 Series features a smoothly contoured extruded aluminum airfoil blade and compression type seals that have been especially designed to offer the lowest leakage class available. Together with out of airstream linkage, the design provides an ultra-low pressure drop and minimizes unwanted turbulence and noise generation.

The 1280 Series is qualified for vertical or horizontal installation with airflow in either direction.

**STANDARD SPECIFICATION:**

- Frame:** 5" x 7/8" x 16 ga. (127 x 22 x 1.6) galv. steel hat channel.
- Blades:** Airfoil type 6063-T5 extruded aluminum on 5 1/2" (140) centers. Parallel action.
- Linkage:** Concealed in frame. 12 ga. (2.7) plated steel.
- Bearings:** 1/2" (13) dia. self-lubricating oilite bronze.
- Axles:** 1/2" (13) dia. plated steel double bolted to blades.
- Drive Shaft:** 6" (152) long x 1/2" (13) dia. plated steel rigid shaft extension.
- Jackshaft:** 1/2" (13) dia. plated steel.
- Blade Seals:** Silicone.
- Min. Duct Size:** 4" x 4" (102 x 102).  
(Overall damper size is 8" x 8" (203 x 203) min.).
- Max. Duct Size:** Single Section  
34" x 46" (864 x 1168).  
Multiple Section Assembly  
142" x 94" (3607 x 2388), 286" x 46"  
(7264 x 1168) or 70" x 142" (1778 x 3607).

**SLEEVE/ENCLOSURE SELECTION:**

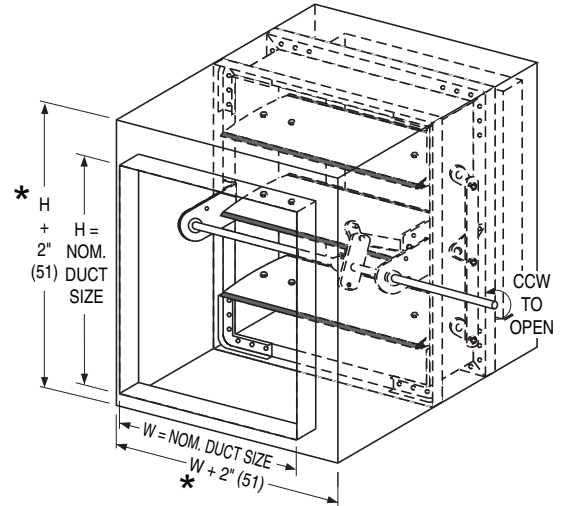
- 1283** Standard factory sleeve (caulked to UL requirements) 16" long x 20 ga. (406 x 1.0) (18 ga. for dampers over 84" (2134) in width).
- 1283** Non-standard sleeve. Specify \_\_\_\_\_ length \_\_\_\_\_ ga. Available up to 36" (914) in length and 10 through 20 ga. (3.5 through 1.0).

**LEAKAGE CLASS / ELEVATED TEMPERATURE:**

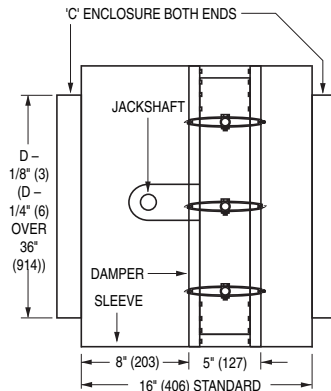
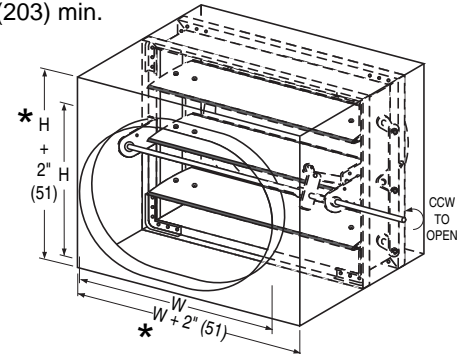
- I     II @ 250°F (Standard)
- I     II @ 350°F (Optional)

**ACTUATOR SELECTION:**

- Electric     Pneumatic    Specify model \_\_\_\_\_ .



\* or 8" (203) min.



**ACTUATOR LOCATION:**

- External (std.)     Internal (in the airstream)

**ACTUATOR FAIL POSITION:** Closed.

**OPTIONS:**

- BS** Stainless steel bearings
- MLS-300** Position indicator switch package
- Special features** \_\_\_\_\_ .

For installation instructions, see IOM-SDINST.

Dimensions are in inches (mm).

<b>SCHEDULE TYPE:</b>				
<b>PROJECT:</b>				
<b>ENGINEER:</b>	<b>DATE</b>	<b>B SERIES</b>	<b>SUPERSEDES</b>	<b>DRAWING NO.</b>
<b>CONTRACTOR:</b>	1 - 1 - 12	1200	8 - 21 - 08	1280-4