

SUBMITTAL DATA

Flexmaster U.S.A.® Conical Bellmouth SOG

SHEET METAL FITTINGS



The Flexmaster U.S.A.® Conical Bellmouth with stick on gasket (CB-SOG) is manufactured from 26 gauge, or heavier, G-90 galvanized steel to meet SMACNA and UMC Standards for commercial construction.

The CB-SOG is manufactured with a 1" formed on flange and Stick on Gasket to provide air-tight installation.

The CB-SOG should be installed using SMACNA installation standards.

| Order Size | Diameter | Cone Diameter | Hole Cut Diameter | Length w/ Damper | Length w/o Damper | Extractor | |
|------------|----------|---------------|-------------------|------------------|-------------------|-----------|--------|
| | | | | | | 90° | 45° |
| 4" | 3 7/8" | 5 7/8" | 5 3/4" | 10" | 6" | 2" | 2" |
| 5" | 4 7/8" | 6 7/8" | 6 3/4" | 10" | 6" | 2 1/2" | 2" |
| 6" | 5 7/8" | 7 7/8" | 7 3/4" | 10" | 6" | 3" | 2 1/2" |
| 7" | 6 7/8" | 8 7/8" | 8 3/4" | 10" | 6" | 3 1/2" | 3" |
| 8" | 7 7/8" | 9 7/8" | 9 3/4" | 10" | 6" | 4" | 3 1/2" |
| 9" | 8 7/8" | 10 7/8" | 10 3/4" | 10" | 6" | 4 1/2" | 4" |
| 10" | 9 7/8" | 11 7/8" | 11 3/4" | 10" | 6" | 5" | 4 1/2" |
| 12" | 11 7/8" | 13 7/8" | 13 3/4" | 10" | 6" | 6" | 5" |
| 14" | 13 7/8" | 15 7/8" | 15 3/4" | 10" | 6" | 7" | 6" |
| 15" | 14 7/8" | 16 7/8" | 16 3/4" | 10" | 6" | 7" | 6" |
| 16" | 15 7/8" | 17 7/8" | 17 3/4" | 10" | 6" | 8" | 7" |
| 18" | 17 7/8" | 19 7/8" | 19 3/4" | 10" | 6" | 9" | 8" |
| 20" | 19 7/8" | 21 7/8" | 21 3/4" | 10" | 6" | 10" | 9" |

(+/-) 1/8" Tolerance on all Sizes

Optional Features

Gauge Options: standard

26 ga

- 24 ga
- 22 ga
- 20 ga

Material Options:

- Aluminum
- Stainless steel

Construction Options:

- Extractor:
 - ___45° or ___90°
- Insulation Guard
- All seams sealed

Damper Options:

- BO3, Build-Out (2"), 3/8" square shaft, U-bolt, nylon bushings, locking quadrant, handle
- BO4, Build-Out (2"), 3/8" square shaft, U-bolt, nylon bushings, Rossi Everlock locking quadrant, handle



- BO3**
- 2" Build out
 - Locking Quadrant
 - 3/8" Aluminum Square Shaft
 - Nylon Bushing



- BO4**
- 2" Rossi (Everlock) Build out
 - Locking Quadrant
 - 3/8" Aluminum Square Shaft
 - Nylon Bushing

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