

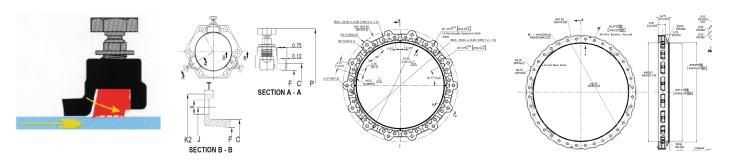
| SUBMITTAL DETAILS | DATE: |
|-------------------|-------|
| | |
| PROJECT NAME: | |
| ENGINEER: | |
| CONTRACTOR: | |
| | |
| SPEC. SECTION: | |

PRODUCT SPECIFICATIONS

| MATERIAL: | Gland body, wedge inserts and break-off top actuating bolts are manufactured of high strength ductile iron in accordance with ASTM A536, Grade 65-45-12. |
|-------------------|--|
| SIZE RANGE: | 3" through 60" |
| DIMENSION: | Conform to ANSI/AWWA C111/A21.11 & ANSI/AWWA C153/A21.53 standards |
| PRESSURE RATING: | Equal to the water working pressure rating of the pipe on which it is installed. |
| FACTOR OF SAFETY: | 2:1 |
| COATING: | ☐ Standard: Red Alkyd paint ☐ Special: Electro-deposition "CORRSAFE™" available For further information, please refer to our CORRSAFE Product Information sheet at https://www.sigmaco.com/download/corrsafe-alternative-coating-for-enhanced-exterior-corrosion-protection-on-wedge-and-serration-type-restrainers/ |
| APPROVALS: | Underwriters Laboratories' listed in sizes 4"-12" and Factory Mutual approved in sizes 4"-12". |
| DEFLECTION: | 5° on 3" through 12", 2° on 14" & 16", 1.5° on 18" through 30" and 1° on 36" through 60" |
| TRACEABILITY: | Gland body, wedge inserts and break-off top actuating bolts are individually cast with exact heat code information. |
| INSTALLATION: | In accordance with manufacturer's recommendation and applicable AWWA standards. |
| HARDWARE: | □ Standard: T-bolts & nuts as per AWWA C111/A21.11, High Strengh Low Alloy Steel Special: □ Stainless Steel as per AISI 304 □ Stainless Steel as per AISI 316 □ Fluoropolymer blue coated as per ANSI/AWWA C111/A21.11 |



Technical Information



| | ONE-LOK" Series SLCE for PVC Pipe Specifications | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--|----------|--------|-------|--------------|-------|-------|------|-------|-------|-------|-------|----------------------|-------------------------------|----|---------|-----------|--------------------|---------|-------------|-----------|--------|-------|
| | | | PVC Pi | pe OD | D Dimensions | | | | | | | | | | Вс | lts and | Inserts | | T-bolts | | | Gasket | |
| Please check sizes: | Nom Pipe Size | Wgt | DI | IPS | С | F | K2 | Т | Р | P* | х | J | Bell Joint BCD | Bell Joint Hole Size | No | Size | Torque | Pressure Rating | No | Size | Torque | No | Item# |
| | 3 | 6.21 | | 3.50 | 4.76 | 3.60 | 7.18 | 0.60 | 9.42 | 8.50 | 0.750 | 6.14 | | | 2 | 7/8 | 45-55 | 235 | 4 | 5/8 x 3.0 | 45-60 | 1 | TG3 |
| | 4 | 6.78 | 4.80 | 4.50 | 5.92 | 4.90 | 7.92 | 0.60 | 10.22 | 9.30 | 0.875 | 7.50 | | | 2 | 7/8 | 50-60 | 235 | 4 | ¾ x 3.5 | 75 - 90 | 1 | MG4 |
| | 6 | 10.28 | 6.90 | 6.63 | 8.01 | 7.00 | 10.00 | 0.60 | 12.87 | 11.95 | 0.875 | 9.50 | | | 3 | 7/8 | 50-60 | 235 | 6 | 3⁄4 x 3.5 | 75 - 90 | 1 | MG6 |
| | 8 | 14.48 | 9.05 | 8.63 | 10.17 | 9.15 | 12.18 | 0.75 | 14.37 | 13.45 | 0.875 | 11.75 | | | 4 | 7/8 | 50-60 | 235 | 6 | ³⁄4 x 4.0 | 75 - 90 | 1 | MG8 |
| | 10 | 21.40 | 11.10 | 10.75 | 12.22 | 11.20 | 14.60 | 0.85 | 16.68 | 15.76 | 0.875 | 14.00 | | | 6 | 7/8 | 50-60 | 235 | 8 | 3⁄4 x 4.0 | 75 - 90 | 1 | MG10 |
| | 12 | 26.96 | 13.20 | 12.75 | 14.32 | 13.30 | 16.64 | 0.85 | 18.58 | 17.66 | 0.875 | 16.25 | | | 8 | 7/8 | 50-60 | 235 | 8 | 3⁄4 x 4.0 | 75 - 90 | 1 | MG12 |
| | 14 | 33.67 | 15.30 | | 16.40 | 15.44 | 20.25 | 1.20 | 21.68 | 19.98 | 0.875 | 18.75 | | | 10 | 7/8 | 55-65 | 235 | 10 | 3⁄4 x 4.5 | 75 - 90 | 1 | MG14 |
| | 16 | 41.67 | 17.40 | | 18.50 | 17.54 | 22.45 | 1.21 | 23.65 | 21.95 | 0.875 | 21.00 | | | 12 | 7/8 | 55-65 | 235 | 12 | 3⁄4 x 4.5 | 75 - 90 | 1 | MG16 |
| | 18 | 49.50 | 19.50 | | 20.60 | 19.64 | 24.75 | 1.25 | 25.79 | 24.09 | 0.875 | 23.25 | | | 12 | 7/8 | 55-65 | 235 | 12 | ¾ x 4.5 | 75 - 90 | 1 | MG18 |
| | 20 | 61.17 | 21.60 | | 22.70 | 21.74 | 27.00 | 1.34 | 28.16 | 26.46 | 0.875 | 25.50 | | | 14 | 7/8 | 55-65 | 235 | 14 | 3⁄4 x 5.0 | 75 - 90 | 1 | MG20 |
| | 24 | 79.33 | 25.80 | | 26.90 | 25.94 | 31.50 | 1.46 | 32.70 | 31.00 | 0.875 | 30.00 | | | 16 | 7/8 | 55-65 | 235 | 16 | ¾ x 5.0 | 75 - 90 | 1 | MG24 |
| | 30 | 198.00 | 32.00 | | 33.29 | 32.17 | 38.42 | 2.00 | 41.92 | 39.92 | 1.125 | 36.88 | | | 20 | 1.00 | 65-75 | 165 | 20 | 1 x 6.5 | 100-120 | 1 | MGS30 |
| | 36 | 248.00 | 38.30 | | 39.59 | 38.47 | 46.00 | 2.00 | 48.78 | 46.78 | 1.125 | 43.75 | | | 24 | 1.00 | 65-75 | 165 | 24 | 1 x 6.5 | 100-120 | 1 | MGS36 |
| | 42 | 660.00 | 44.50 | | 45.76 | 44.80 | 58.80 | 3.15 | 59.59 | 57.93 | 1.375 | 50.62 | 54.50 | 1.375 | 14 | 1.00 | 65 - 75 | 235 | 28 | 1 1/4 x 8.0 | 120 - 150 | 1 | MGS42 |
| | 48 | 751.00 | 50.80 | | 52.09 | 50.97 | 65.74 | 3.15 | 66.63 | 63.5 | 1.375 | 57.50 | 61.44 | 1.375 | 16 | 1.00 | 65 - 75 | 200 | 32 | 1 1/4 x 8.0 | 120 - 150 | 1 | MGS48 |
| | 54 | 1022.000 | 57.56 | | 58.85 | 57.73 | 67.50 | 4.50 | 72.1 | 70.5 | 1.375 | 63.2 | | | 18 | 1 1/4 | 105 - 115 | 250 | 36 | 1 1/4 x 11 | 120 - 150 | 1 | MGS54 |
| | 60 | 1115.000 | 61.61 | | 62.90 | 61.78 | 72.00 | 4.50 | 77.4 | 75.75 | 1.375 | 67.72 | | | 18 | 1 1/4 | 105 - 115 | 250 | 36 | 1 1/4 x 11 | 120 - 150 | 1 | MGS60 |

^{*}All dimensions in inches except where indicated

Sizes 4" through 12" are UL listed and have been tested in accordance with ASTM F1674 Sizes 4" through 12" are FM Approved on AWWA C900 pipe