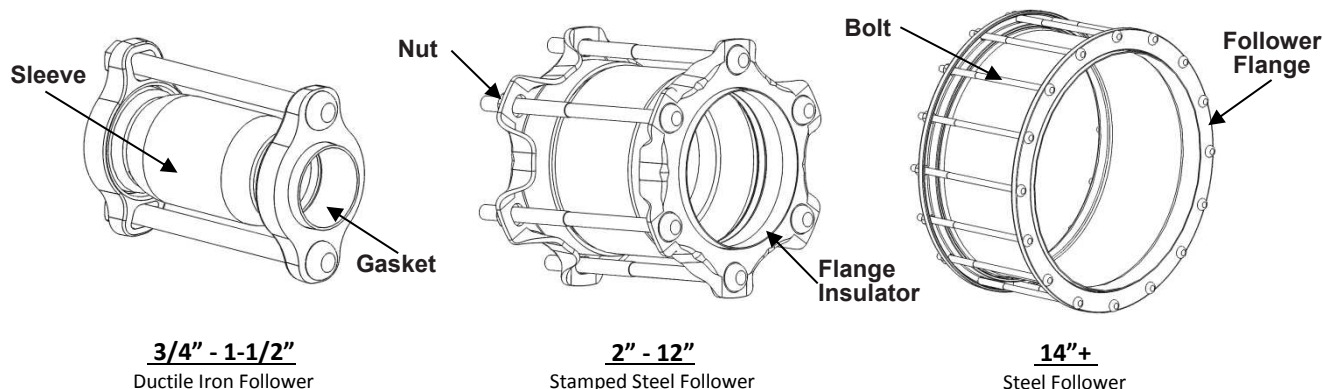


SPECIFICATION

E-SERIES SEAL-ONLY

IPS INSULATING COUPLING



APPLICATIONS

- **Typical Uses**
 - Joining IPS x IPS plain end pipes of same outside diameter
 - For insulating connection applications
- **Standard Pipe Sizes**
 - 3/4" nominal and greater
- **Type of Pipe**
 - Steel x Steel
- **Pressure Rating**
 - Working Pressure: 3/4" - 1-1/2" nominal pipe size(s) = 150 PSI
2" - 12" nominal pipe size(s) = 400 PSI
14"+ nominal pipe size(s) = 150 PSI
 - Test Pressure = (Working Pressure) x 2

MATERIALS

- **Follower Flanges**
 - Material: 3/4" - 1-1/2" nominal pipe size(s) = ASTM A536 Grade 65/45/12, Ductile Iron
2" - 12" nominal pipe size(s) = ASTM A569 Grade 1008/1010 HR, Carbon Steel
14"+ nominal pipe sizes(s) = ASTM A576 C1020 Carbon Steel
 - Flexi-Coat® fusion bonded epoxy
- **Sleeve**
 - Material: 3/4" - 12" nominal pipe size(s) = ASTM A513 Grade 1008/1010 HREW, Carbon Steel
14"+ nominal pipe size(s) = ASTM A283 Grade C, Carbon Steel
 - Standard Lengths: 5", 7", 10", 16", 24"
 - Flexi-Coat® fusion bonded epoxy
- **Gaskets**
 - Material: 3/4" - 1-1/2" nominal pipe size(s) = Nitrile (Buna-N) ASTM-D2000 Rubber
2"+ nominal pipe size(s) = SBR ASTM-D2000 Rubber
 - Resistant to Natural Gas, Natural Gas Odorants, Carbon Dioxide, Water, UV, Ozone, and other chemicals

SPECIFICATION E-SERIES SEAL-ONLY IPS INSULATING COUPLING

- **Bolts**
 - High Strength Low Alloy (HSLA) Steel
 - Size: 3/4" - 1-1/2" nominal pipe size(s) = 1/2"-13UNC, Oval Neck, Track-head, Fe/Zn coated
2"+ nominal pipe size(s) = 5/8"-11UNC, Track-head, barbed for continuity
 - Rolled threads for improved physical characteristics, greater thread accuracy, and smooth surface finish
- **Nuts**
 - HSLA Steel
 - Size: 3/4" - 1-1/2" nominal pipe size(s) = 1/2"-13UNC, Heavy Hex, Fe/Zn coated
2"+ nominal pipe size(s) = 5/8"-11UNC, X-Heavy Hex Semi-Finished
- **Flange Insulator**
 - Creates insulating barrier between pipe wall and inner diameter of flange
 - Size: 3/4" - 1-1/2" nominal pipe size(s) = Insulating skirt molded into gasket
2" - 8" nominal pipe size(s) = Nylon plastic insert
10"+ nominal pipe size(s) = Insulating skirt molded into gasket

REGULATIONS

- Marked in accordance with DOT CFR49-192.63(a)(2)

OPTIONS

- Stainless Steel hardware with fluoropolymer coated nuts
- Bare Sleeve I.D.
- Copper clad conductor for sacrificial anode or cathodic protection

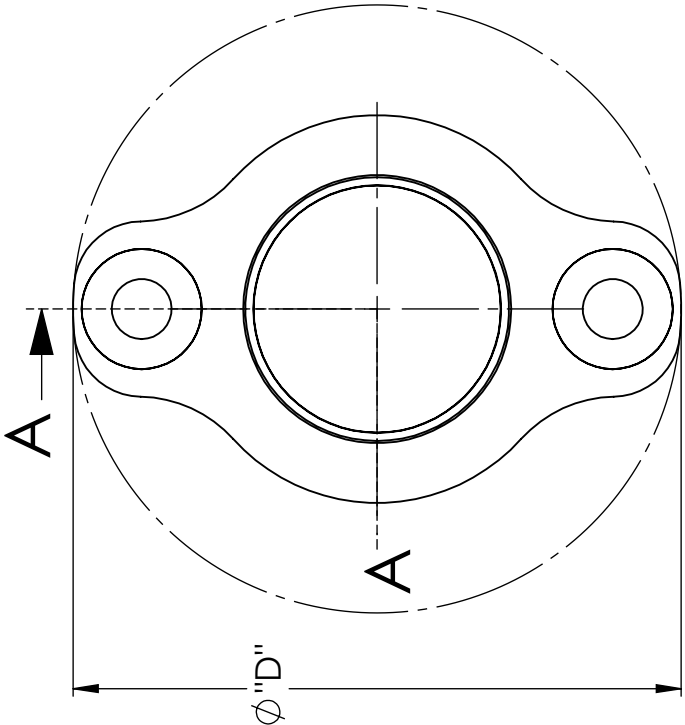
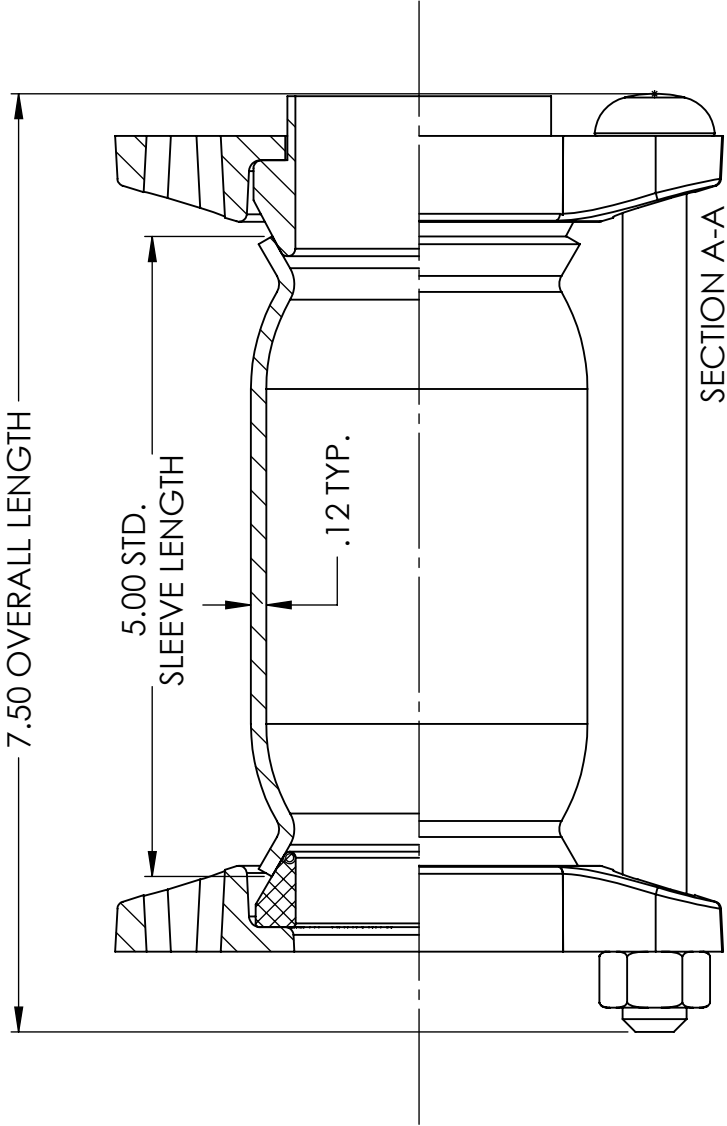
NOTES

- Pipe end insulators and polypropylene boot also provided with couplings
- Additional specifications available for Cast Iron Reducing as well as IPS Reducing and Conductive applications
- Flexi-Coat® is a registered trademark of Smith-Blair, Inc.
- These product specifications were correct at the time of publication and are subject to change without notice
- See the Smith-Blair website for part numbers and ordering information
- See the Smith-Blair website for warranty information
- See the Smith-Blair website for corrosion notice



THIS PRODUCT DOES NOT RESTRAIN PIPE MOVEMENT. Proper anchoring is required to prevent pipe pullout. Failure to anchor or improper anchoring can result in dangerous pipe content escape, property damage, serious injury, or death. Read the product installation instructions prior to installing this product.

UP TO 1-1/2"
CAST FOLLOWER



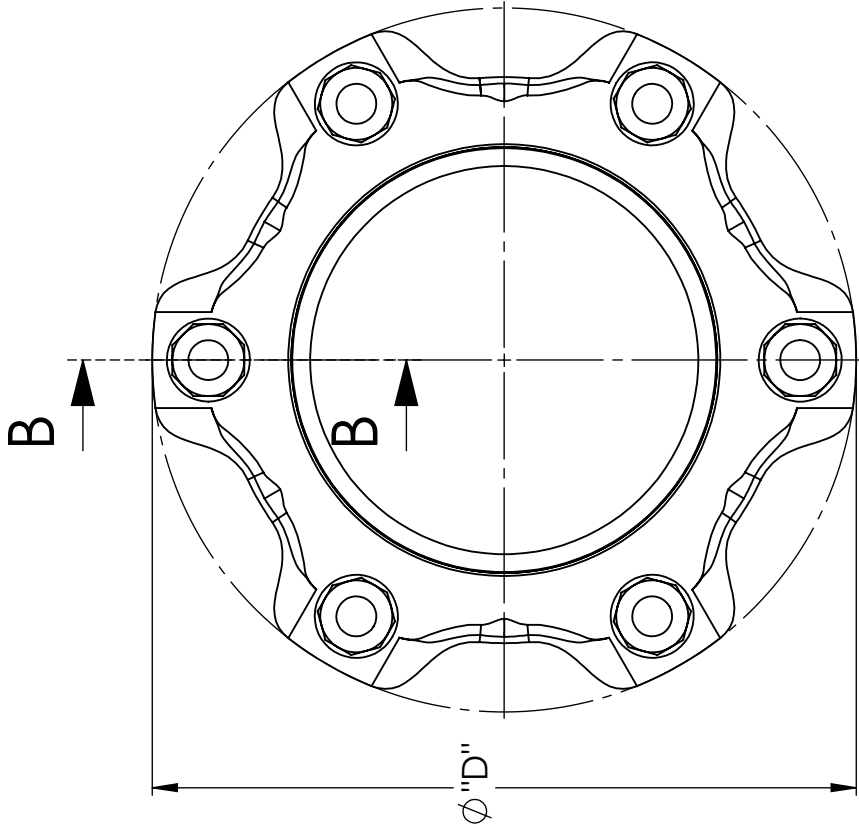
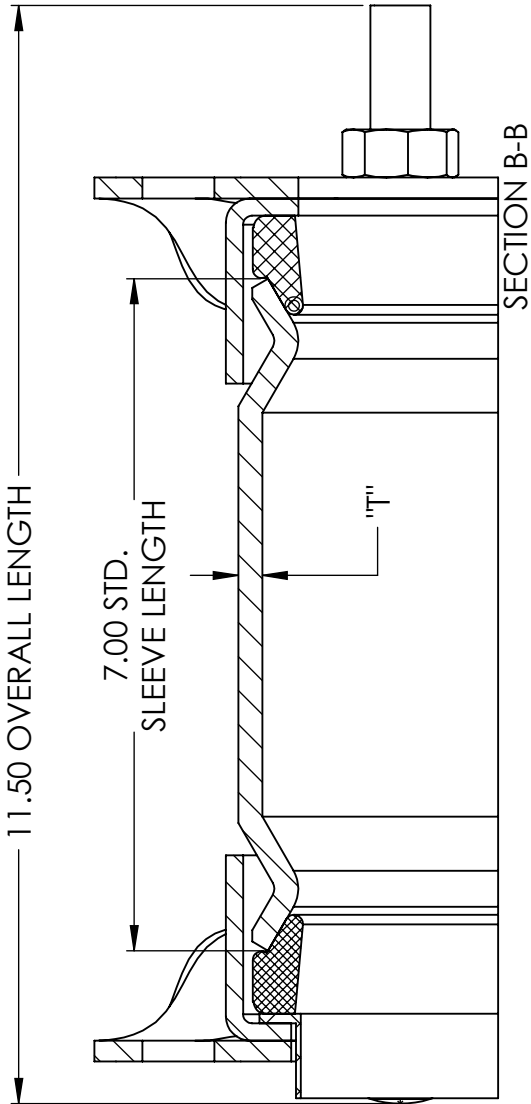
SEE CATALOG FOR ORDERING DETAILS
5" SLEEVE, EPOXY COATED, INSULATED X BONDED GASKET CONFIGURATION SHOWN
CONTACT SMITH-BLAIR FOR ADDITIONAL CONFIGURATIONS

NOMINAL PIPE SIZE	PIPE DIAMETER	PART NUMBER	DIAMETER "D"	BOLT QUANTITY	WEIGHT (LBS)
3/4	1.05	E079A5SB	3.69	2	3
1	1.32	E09A5SB	4.06	2	3
1-1/4	1.66	E19A5SB	4.51	2	4
1-1/2	1.90	E109A5SB	4.75	2	4

TOLERANCES U.N.O. XX= +.03 XXX= +.015 FRACTIONS= ANGLES=+1° MACH. FIN=	NOTES: REMOVE BURRS AND SHARP EDGES DO NOT SCALE DWG.	APP'D	DATE
SCALE: ALL DIMENSIONS ARE IN INCHES.	N/A	CK'D	DATE
		DRN	DATE
		SPW	DATE
			9/29/16
TITLE			
SPECIFICATION			
Seal-Only E-Series Coupling IPS Straight Insulating			
SMITH-BLAIR, Inc. TEXARKANA, ARKANSAS		P/N Various	
E IPS Ins.DRW		3 OF 5 SHEET	11/14/16 REV.

2" THRU 12"

STAMPED STEEL FOLLOWER

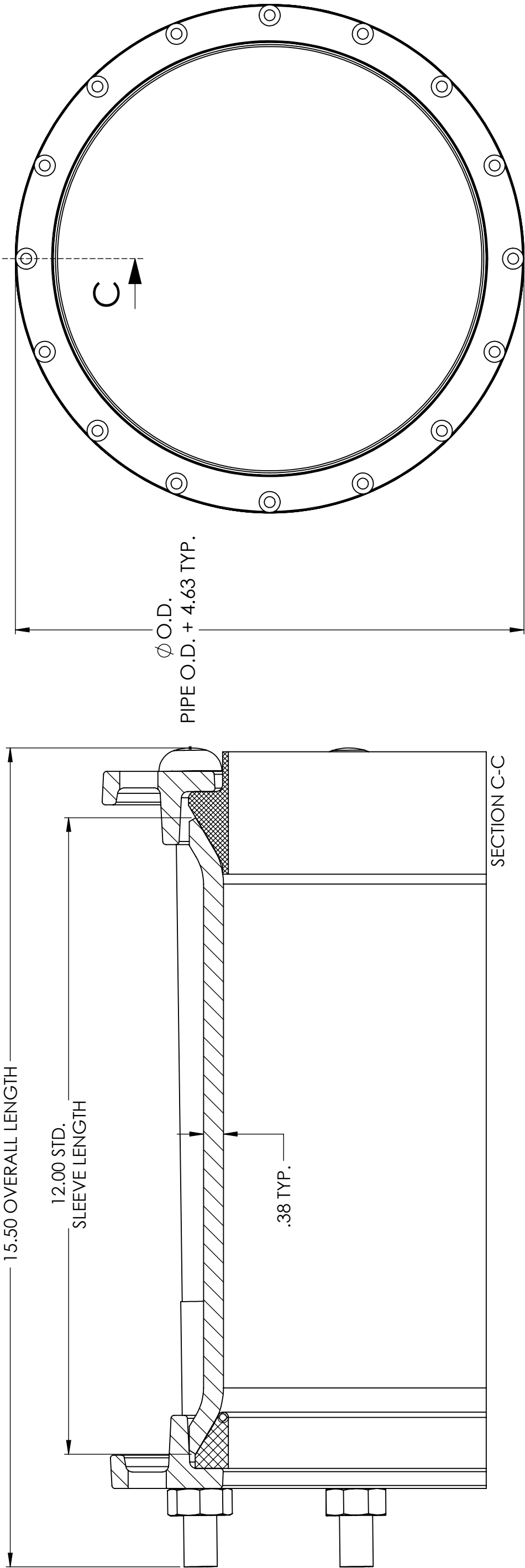


SEE CATALOG FOR ORDERING DETAILS
7" SLEEVE, EPOXY COATED, INSULATED X BONDED GASKET CONFIGURATION SHOWN
CONTACT SMITH-BLAIR FOR ADDITIONAL CONFIGURATIONS

PIPE DIAMETER	PART NUMBER	SLEEVE THICKNESS "T"	DIAMETER "D"	BOLT QUANTITY	WEIGHT (LBS)
2.38	E29A7SB	.16	6.75	3	12
3.50	E39A7SB	.16	7.75	4	15
4.50	E49A7SB	.19	8.50	4	17
6.63	E69B7SB	.25	11.00	6	30
8.63	E89B7SB	.25	13.50	6	35
10.75	E1009B7SB	.25	15.15	8	49
12.75	E1208B7SB	.25	18.00	8	57

TOLERANCES U.N.O. XX= ±.03 XXX= ±.015 FRACTIONS= ANGLES=±1° MACH. FIN=	NOTES: REMOVE BURRS AND SHARP EDGES DO NOT SCALE DWG.		APP'D	DATE	9/29/16			
	SCALE: N/A		CK'D	DATE				
			DRN	SPW				
	ALL DIMENSIONS ARE IN INCHES.							
TITLE								
SPECIFICATION								
Seal-Only E-Series Coupling								
IPS Straight Insulating								
SMITH-BLAIR, Inc. TEXARKANA, ARKANSAS			P/N					
			Various					
			E IPS Ins.DRW					
			DWG. NO.					
			11/14/16					
			4		OF	5	SHEET	REV.

14"±
STEEL FOLLOWER



SEE CATALOG FOR ORDERING DETAILS
.38" X 12" SLEEVE CONFIGURATION SHOWN, OTHER CONFIGURATIONS AVAILABLE
CONTACT SMITH-BLAIR FOR AVAILABLE SIZES AND PART NUMBERS

TOLERANCES U.N.O. XX= ±.03 XXX= ±.015 FRACTIONS= ANGLES= ±1° MACH. FIN=	NOTES: REMOVE BURRS AND SHARP EDGES DO NOT SCALE DWG.	APP'D	DATE	
		CK'D	DATE	
	SCALE: N/A	DRN	SPW	DATE 9/29/16
TITLE SPECIFICATION Seal-Only E-Series Coupling IPS Straight Insulating				
SMITH-BLAIR, Inc. TEXARKANA, ARKANSAS		P/N		Various
		E IPS Ins.DRW		5 OF 5 SHEET
		DWG. NO.		11/14/16 REV.