

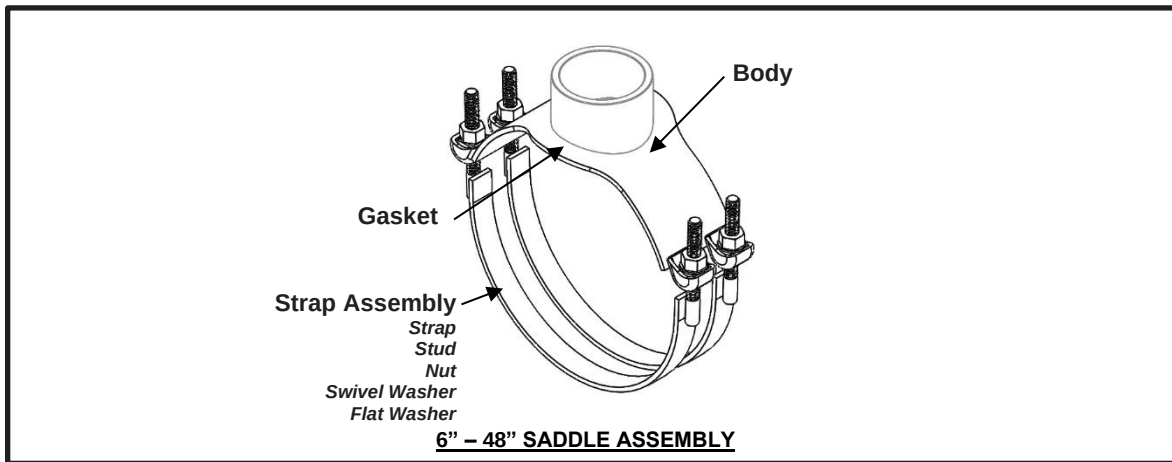


Smith-Blair
a xylem brand

SPECIFICATION

FABRICATED SERVICE SADDLE DOUBLE STRAP

MODEL 383



APPLICATIONS

- **Typical Uses**
 - Tapping branch connections on new or existing pipe
 - Installing air/vacuum valves, pitot tubes, drain valves, or other miscellaneous service equipment
 - Installing pipe supports, hangers, or sign mounting brackets
- **Standard Pipe Sizes**
 - 6" to 48" nominal
- **Standard Taps**
 - NPT: 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 3" and 4"
 - CC/AWWA: 1/2", 5/8", 3/4", 1", 1-1/4", 1-1/2" and 2"
 - BSP: 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", and 3"

See Smith-Blair catalog for available pipe diameter and tap size combinations as some combinations are not available
- **Type of Pipe**
 - PVC, Carbon Steel, Stainless Steel, Ductile Iron, Asbestos Cement, Aluminum, HDPE DR17 or thicker (with the use of spring washers)
- **Working Pressure**
 - 6"-12" = 250 psi
 - 14"-24" = 175 psi
 - 30"-48" = 80 psi



Smith-Blair
a xylem brand

SPECIFICATION

FABRICATED SERVICE SADDLE DOUBLE STRAP

MODEL 383

MATERIALS

- **Body Assembly**
 - **Body**
 - Carbon Steel per ASTM A283C
 - Flexi-Coat® fusion bonded epoxy finish
 - **Outlet**
 - Carbon Steel per ASTM A105
 - **Cups**
 - Carbon Steel per ASTM A1011
- **Gasket**
 - Nitrile (Buna-N) per ASTM D2000
 - Compounded to resist water, oil, natural gas, acids, alkalies, most (aliphatic) hydrocarbon fluids, and many other chemicals
 - Temperature range: -20°F to +180°F
- **Strap Assembly**
 - **Strap**
 - Carbon Steel per ASTM A36
 - Flexi-Coat® fusion bonded epoxy finish
 - Formed using 0.25" x 1.25" flat bar
 - **Stud**
 - HSLA Steel per AWWA C111/A21.11
 - Flexi-Coat® fusion bonded epoxy finish (threads free from epoxy coating)
 - 5/8"-11UNC, Stud welded to Strap
 - Rolled threads
 - **Welding**
 - Welds accomplished using qualified welders
 - GMAW weld process utilized
 - **Nut**
 - Carbon Steel per ASTM A307
 - 5/8"-11UNC Heavy Hex Semi-Finished
 - Fe/Zn Coated per ASTM F1941-10
 - **Flat Washer**
 - Carbon Steel per ASTM F844
 - 5/8" Type A Plain
 - Fe/Zn Coated per ASTM F1941-10
 - **Swivel Washer**
 - Cast using 304 Stainless Steel
 - Fully passivated finish



Smith-Blair
a xylem brand

SPECIFICATION

FABRICATED SERVICE SADDLE DOUBLE STRAP

MODEL 383

LISTINGS

- Certified to NSF/ANSI 61 and NSF/ANSI 372
- Flexi-Coat® Fusion-Bonded Epoxy Coating meets requirements of AWWA C213
- Meets applicable AWWA C800 standards

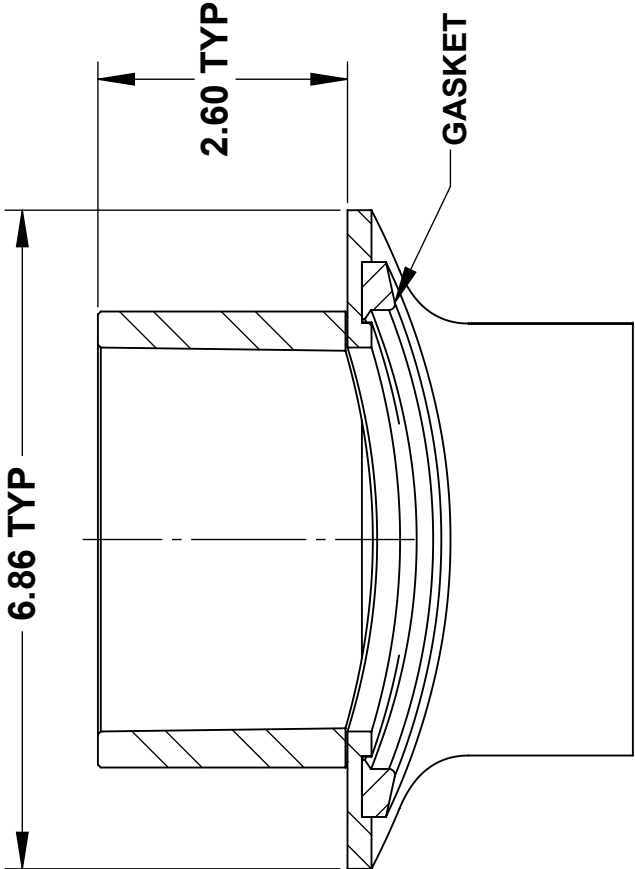
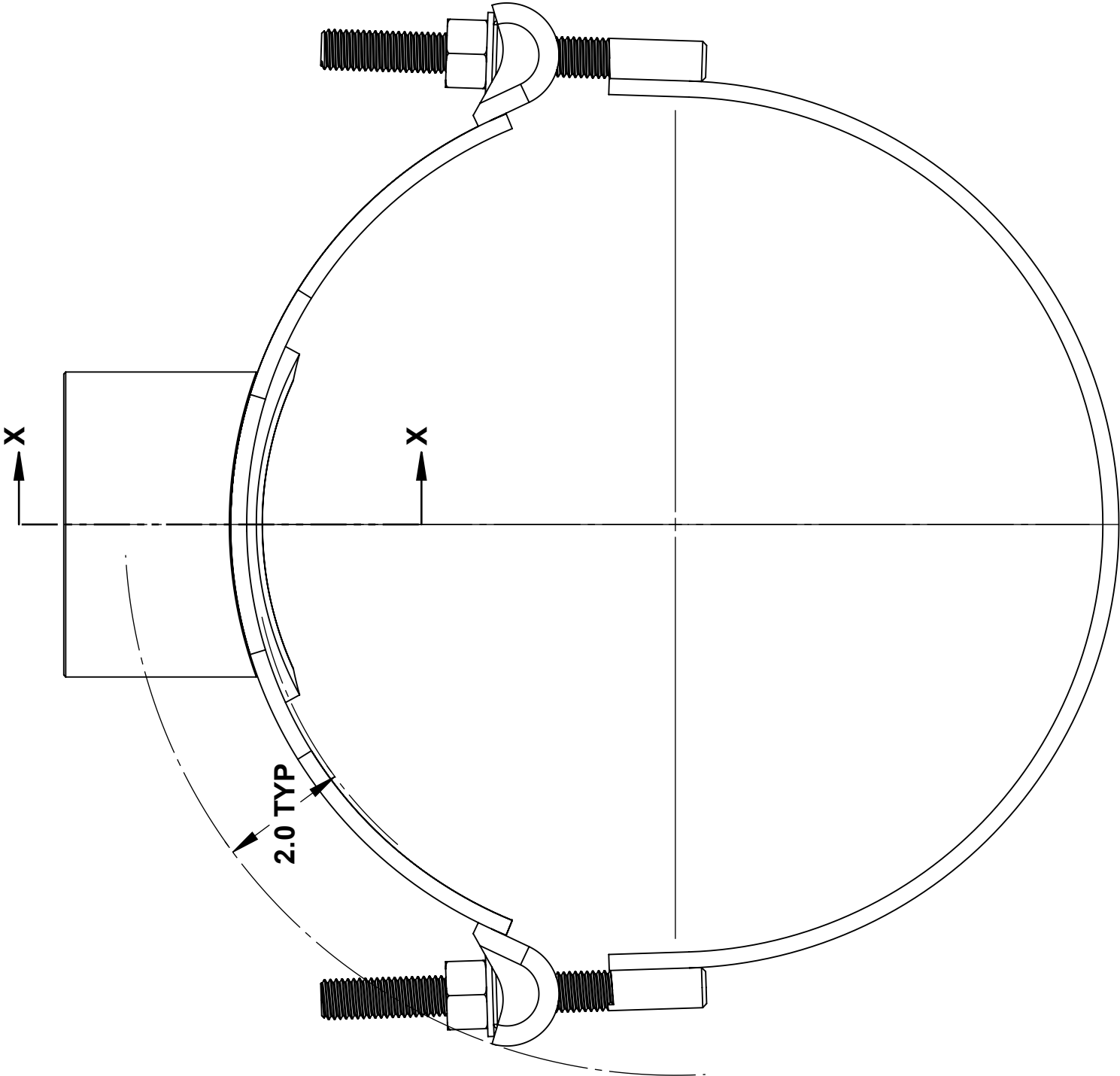
OPTIONS

- Type 304 Stainless Steel bale assembly with fluoropolymer coated nuts to prevent galling (see model 387)
- Alternative gasket material (e.g. EPDM)
- Anode connector

NOTES

- These product specifications were correct at the time of publication and are subject to change without notice
- Flexi-Coat® is a registered trademark of Xylem, Inc., or one of its subsidiaries
- 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

30 Globe Ave, Texarkana, AR 71854
Ph: 870-773-5127 • Fax: 870-773-5212
Toll-Free Numbers: Ph: 800-643-9705 • Fax: 800-648-6792



SECTION X-X

- NOTES:
- 1. SEE SMITH-BLAIR CATALOG FOR AVAILABLE PIPE DIAMETER AND TAP SIZE COMBINATIONS AS SOME COMBINATIONS ARE NOT AVAILABLE
 - 2. 9.05" SADDLE SHOWN OTHER SIZES SIMILAR

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: N/A		CK'D	DATE
	ALL DIMENSIONS ARE IN INCHES.		DRN	DATE
			JCC	11/16/22

TITLE	SPECIFICATION	
	FABRICATED SERVICE SADDLE DOUBLE STRAP	
	MODEL 383	

SMITH-BLAIR TEXARKANA, ARKANSAS	P/N N/A	
	SPEC_383.DRW	4 OF 4 SHEET
DWG. NO.		12/6/24 REV.