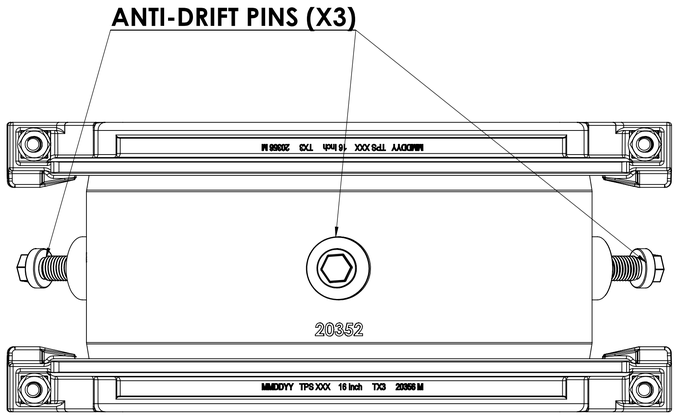
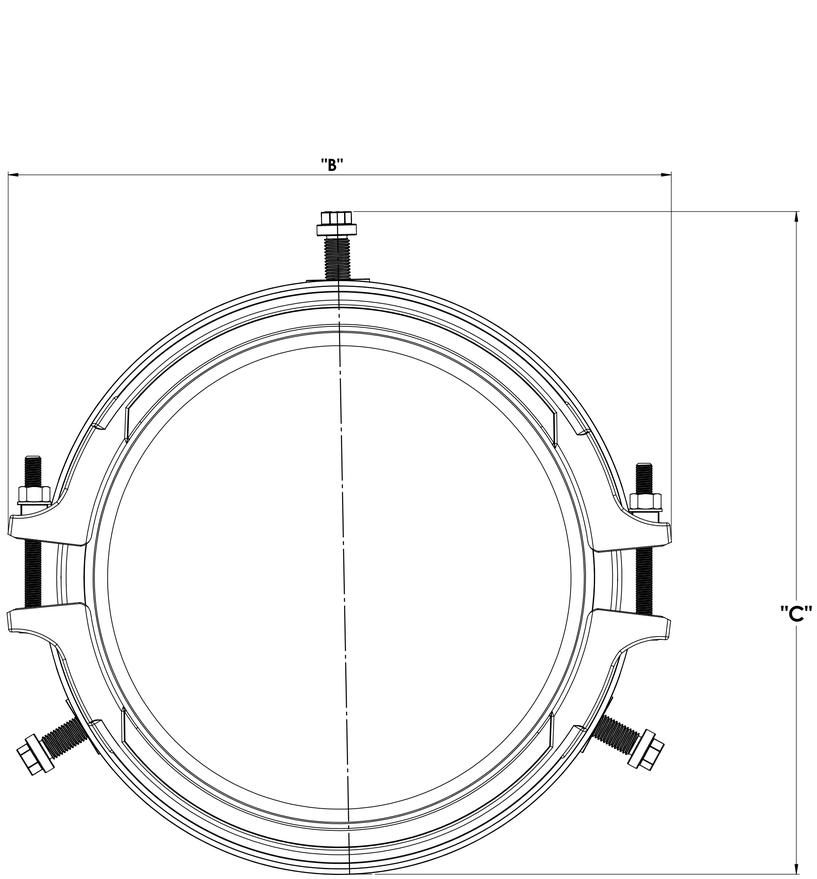
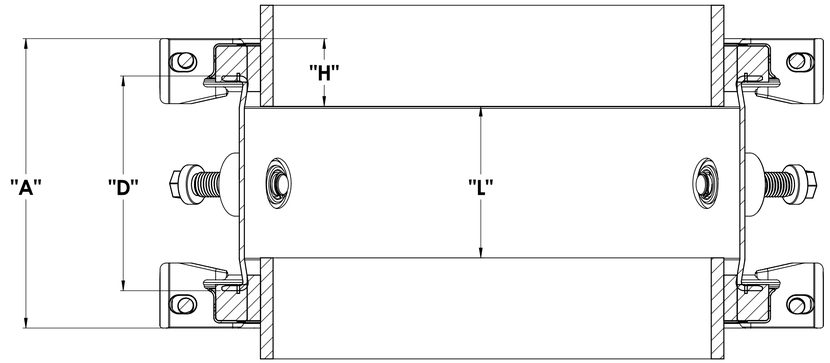


Notes:

1. Gaskets - NBR - NSF-61 and NSF-372 approved
2. Middle Ring - ASTM A53 Grade A or equivalent
3. End Rings - ASTM A536 Grade 60-40-18 Ductile Iron
4. Bolts and Nuts - 18-8 Type 304 Stainless Steel.
5. Spanner - 18-8 Type 304 Stainless Steel.
6. Coatings:
   -Middle Ring: NSF/ANSI 61 Approved Fusion Bonded Epoxy
   -End Rings: Epoxy Electroplated with chemical applied conversion coating
7. Working Temperature Range- Up to 125 Deg F at torques shown in table. Contact factory for other temperature requirements.
8. Angular deflection - Up to 4 degrees per coupling end.
9. The TX3 Coupling meets or exceeds all requirements of standard AWWA C-219





SECTION B-B
SCALE 1 : 3

Note 1: The TX3 Coupling shall not be used on Polyethylene Pipe of wall thickness less that SDR-17.

Note 2: For Non-Metallic pipe of wall thickness DR-14 and thinner, stab depth must be a minimum of 4 inches from outer edge of gasket.

Note 3: FOR BOLT TORQUE SEE PRODUCT LABEL

THE INFORMATION DISCLOSED IN THIS DOCUMENT, INCLUDING ALL DESIGNS AND RELATED MATERIALS, IS THE VALUABLE PROPERTY OF DRESSER TPS, LLC (DRESSER TPS). DRESSER TPS RESERVES ALL PATENT, COPYRIGHT, AND PROPRIETARY RIGHTS TO THE INFORMATION SET FORTH IN THIS DOCUMENT INCLUDING ALL DESIGN, MANUFACTURING, REPRODUCTION, USE AND SALES RIGHTS THERETO, EXCEPT TO THE EXTENT SAID RIGHTS ARE EXPRESSLY GRANTED TO OTHERS. REPRODUCTION, TRANSMISSION, OR DISCLOSURE, WITHOUT TPS'S EXPRESS PRIOR WRITTEN CONSENT, OF THIS DOCUMENT OR THE INFORMATION SET FORTH IN THIS DOCUMENT TO ANY THIRD PARTY IS PROHIBITED.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
FRACTIONS: ±1/16" ANGLE: ± 1°
DECIMALS: .XX ±.01
.XXX ±.005
DO NOT SCALE DRAWING
THIRD ANGLE PROJECTION

CONTRACT NO.

APPROVALS	DATE
DRAWN: CBR	10/18/22
CHECKED:	
APPD:	
CUST:	

DRESSER TPS, LLC
P.O. BOX 586, OLEAN, N.Y. 14760

TITLE
LARGE DIAMETER TX3 SUBMITTAL DWG

SIZE D | CAGE CODE | DWG NO 20399 | REV F
SCALE 1:5 | WEIGHT | SHEET 1 OF 2

DRAWING NO. 20399 | REV F | SHT 2

Table 1: TX3 Coupling Data

Size	Overall Range	LOW RANGE	HIGH RANGE	"A"	"B"	"C"	"D"	"H" Min Stab Depth	"H" Max Stab Depth	"L" Recommend Pipe Gap	BOLT SIZE	Nut Wrench Size	Maximum Allowable Working Pressure (MAWP)	Coupling Weight
14"	15.00-17.10"	15.00-16.10"	16.02-17.10"	12.00"	24.50"	24.67"	8.50"	4.00"	5.00"	2.00"	5/8-11 UNC	1-1/16"	260 psi	85 lbs.
16"	17.10-19.20"	17.10-18.19"	18.11-19.20	12.00"	26.27"	26.23"	8.50"	4.00"	5.00"	2.00"	5/8-11 UNC	1-1/16"	260 psi	110 lbs.
18"	19.20-21.30"	19.20-20.29"	20.21-21.30"	12.00"	28.70"	29.20"	8.50"	4.00"	5.00"	2.00"	5/8-11 UNC	1-1/16"	232 psi	120 lbs.
20" US	19.60-21.70"	19.60-20.69"	20.61-21.70"	12.00"	29.00"	29.35"	8.50"	4.00"	5.00"	2.00"	5/8-11 UNC	1-1/16"	232 psi	125 lbs.
20" OS	21.25"-23.35"	21.35"-22.27"	22.27"-23.35"	12.00"	30.01"	30.21"	8.50"	4.00"	5.00"	2.00"	5/8-11 UNC	1-1/16"	232 psi	130 lbs.
24" US	23.85-25.95"	23.85-24.96"	24.88-25.95"	12.00"	33.55"	33.79"	8.50"	4.00"	5.00"	2.00"	5/8-11 UNC	1-1/16"	232 psi	145 lbs.
24" OS	24.60-26.70"	24.60-25.67"	25.59-26.70"	12.00"	34.09"	34.22"	8.50"	4.00"	5.00"	2.00"	5/8-11 UNC	1-1/16"	232 psi	150 lbs.
14" LB	15.00-17.10"	15.00-16.10"	16.02-17.10"	19.00"	24.50"	24.67"	15.00"	4.00"	7.00"	2.00"	5/8-11 UNC	1-1/16"	260 psi	110 lbs.
16" LB	17.10-19.20"	17.10-18.19"	18.11-19.20	19.00"	26.27"	26.23"	15.00"	4.00"	7.00"	2.00"	5/8-11 UNC	1-1/16"	260 psi	125 lbs.
18" LB	19.20-21.30"	19.20-20.29"	20.21-21.30"	19.00"	28.70"	29.20"	15.00"	4.00"	7.00"	2.00"	5/8-11 UNC	1-1/16"	232 psi	135 lbs.
20" US LB	19.60-21.70"	19.60-20.69"	20.61-21.70"	19.00"	29.00"	29.35"	15.00"	4.00"	7.00"	2.00"	5/8-11 UNC	1-1/16"	232 psi	145 lbs.
20" OS LB	21.25"-23.35"	21.35"-22.27"	22.27"-23.35"	19.00"	30.01"	30.21"	15.00"	4.00"	7.00"	2.00"	5/8-11 UNC	1-1/16"	232 psi	150 lbs.
24" US LB	23.85-25.95"	23.85-24.96"	24.88-25.95"	19.00"	33.55"	33.79"	15.00"	4.00"	7.00"	2.00"	5/8-11 UNC	1-1/16"	232 psi	160 lbs.
24" OS LB	24.60-26.70"	24.60-25.67"	25.59-26.70"	19.00"	34.09"	34.22"	15.00"	4.00"	7.00"	2.00"	5/8-11 UNC	1-1/16"	232 psi	165 lbs.

THE INFORMATION DISCLOSED IN THIS DOCUMENT, INCLUDING ALL DESIGNS AND RELATED MATERIALS, IS THE VALUABLE PROPERTY OF DRESSER WATER, LLC (DW). DW RESERVES ALL PATENT, COPYRIGHT, AND PROPRIETARY RIGHTS TO THE INFORMATION SET FORTH IN THIS DOCUMENT INCLUDING ALL DESIGN, MANUFACTURING, REPRODUCTION, USE AND SALES RIGHTS THERETO, EXCEPT TO THE EXTENT SAID RIGHTS ARE EXPRESSLY GRANTED TO OTHERS. REPRODUCTION, TRANSMISSION, OR DISCLOSURE, WITHOUT DW'S EXPRESS PRIOR WRITTEN CONSENT, OF THIS DOCUMENT OR THE INFORMATION SET FORTH IN THIS DOCUMENT TO ANY THIRD PARTY IS PROHIBITED.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
FRACTIONS: ±1/16" ANGLE: ± 1°
DECIMALS: .XX ±.01
.XXX ±.005
DO NOT SCALE DRAWING
THIRD ANGLE PROJECTION

CONTRACT NO.

APPROVALS	DATE
DRAWN: CBR	10/18/22
CHECKED:	
APPD:	
CUST:	

DRESSER WATER, LLC
P.O. BOX 586, OLEAN, N.Y. 14760

TITLE
LARGE DIAMETER TX3 SUBMITTAL DWG

SIZE D | CAGE CODE | DWG NO 20399 | REV F
SCALE 1:5 | WEIGHT | SHEET 2 OF 2