

101NS & 202NS SERVICE SADDLE

SUBMITTAL INFORMATION



101NS

202NS

MATERIALS

CASTING

The saddle body is cast from ductile (nodular) iron, meeting or exceeding ASTM A 536, Grade 65-45-12.

GASKET

Gasket is made from Nitrile Butadiene Rubber (NBR) compounded for water and sewer service and a tolerance of petroleum products in accordance with ASTM D 2000 MBC 610 and NSF 61 Certified. Other compounds available for special applications.

STRAPS

Type 304 (18-8) heavy gauge Stainless Steel per ASTM A 240. Straps are two inches wide to spread out clamping forces on the pipe. GMAW and GTAW welds. Passivated for corrosion resistance.

BOLTS, NUTS

For sizes 1-1/2" through 3", 1/2" UNC roll thread Type 304 (18-8) Stainless Steel bolts with heavy hex nuts. 4" and above use 5/8" UNC roll thread Type 304 (18-8) Stainless Steel bolts with heavy hex nuts. Rod for bolts are per ASTM A 240 and nuts are per ASTM A 194. All welds fully passivated for enhanced corrosion resistance. Nuts coated to prevent galling.

WASHERS

Flat, type 304 (18-8) heavy gauge Stainless Steel.

COATING

Casting is coated with fusion bonded black nylon, 10-12 mils thick, with a dielectric strength of 1,000 v/mil and NSF 61 Certified.

PRESSURE

Ductile iron, cast iron and steel pipe: rating of pipe up to 350 psi maximum, on pipe sizes up through 24 inch, larger than 24 inch up to 30 inch pressure rating is 150 psi. PVC, asbestos cement and other pipe: up to the maximum rating of the pipe. For other applications please consult your representative.

STANDARD

Contact Romac Engineering for ANSI/AWWA C800 Spec and Approval Chart.

SIZES & RANGES

See Catalog.

11/29/2018

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This information is based on the best data available at the date printed above. Please check with Romac for any updates or changes.

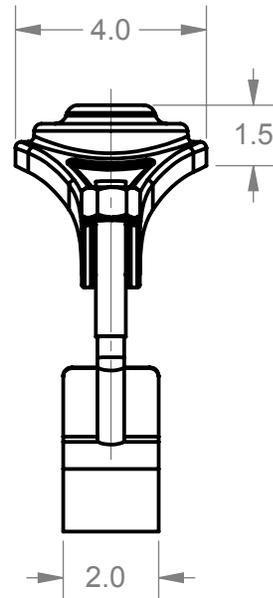
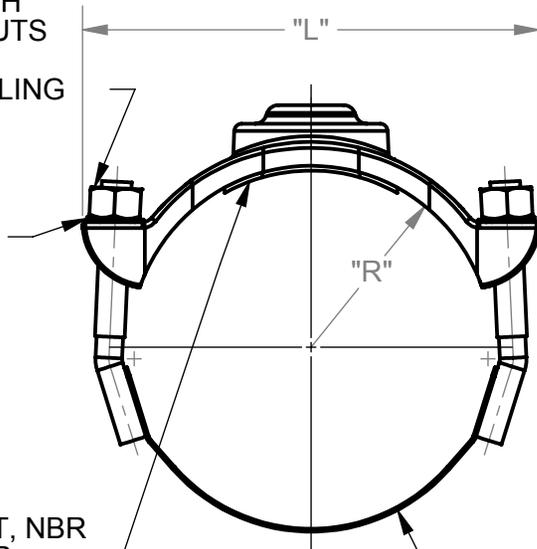
REVISIONS			
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5/8-11UNC WITH HEAVY HEX NUTS COATED TO PREVENT GALLING

TYPE 304 SS WASHER

GASKET, NBR RUBBER

STRAP, TYPE 304 STAINLESS STEEL



NOMINAL SIZE	O.D. PIPE RANGE	LENGTH (L)	RADIUS (R)
4"	4.00 - 4.50	6.88	2.25
	4.50 - 4.80	6.88	2.40
	4.50 - 5.40	7.56	2.70
6"	6.00 - 6.63	8.75	3.32
	6.63 - 6.90	8.88	3.45
	6.63 - 7.60	9.63	3.80
8"	8.00 - 8.63	10.75	4.32
	8.63 - 9.05	11.13	4.53
	8.63 - 9.80	11.75	4.90
10"	10.00 - 10.75	13.38	5.38
	10.75 - 11.10	13.13	5.55
	11.10 - 12.12	14.00	6.06
12"	12.00 - 12.75	15.31	6.38
	12.75 - 13.20	15.13	6.60
	13.20 - 14.38	16.19	7.19

NOTE:

1. ALL MATERIAL DUCTILE IRON PER ASTM A536 GR. 65-45-12 UNLESS NOTED OTHERWISE.
2. COATING:
 - 101S: SHOP COAT ENAMEL
 - 101NS: NYLON COATING 10-12 MILS THICK.
3. THREAD: "IP" (NPT) OR "CC" (PER AWWA C800) AVAILABLE.
4. STRAP: TYPE 304 STAINLESS STEEL, 5/8"-UNC THREAD WITH HEAVY HEX NUT AND FLAT WASHER. GMAW WELDED, CHEMICALLY CLEANED AND PASSIVATED.

PROPRIETARY NOTICE	UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE		ROMAC INDUSTRIES INC.				
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		APPROVED Peter Nielsen	9/25/2015		DWG. NO. CAD-021110	SIZE A	REV. NO. R0	SCALE 1:4	SHEET 1 OF 1