

NOMINAL MAIN SIZE	PIPE OD RANGE	SADDLE TYPE (BR1B)	THREAD TYPE	AVAILABLE TAP DIAMETERS		
				.50"	.75"	1"
4"	4.74"-5.32"	BR1B0474	CC OR IP	050	075	100
6"	6.84"-7.45"	BR1B0684	CC OR IP	050	075	100
8"	8.99"-9.67"	BR1B0899	CC OR IP	050	075	100
10"	11.04"-12.12"	BR1B1104	CC OR IP	050	075	100
12"	13.14"-14.58"	BR1B1314	CC OR IP	050	075	100

TO DETERMINE PART NUMBER
CONCATENATE THE FOLLOWING STRING WITH NO SPACES OR COMMAS:

SADDLE TYPE, THREAD TYPE, TAP DIA, AND OPTION CODES

EXAMPLES:
BR1B0474CC100
BR1B0899IP075
BR1B0905ODC900

OPTION CODES SHOULD BE USED IN ORDER SHOWN IN CHART.
EXAMPLE: BR1BxxxxODC900

IP STANDS FOR AWWA IP THREAD (FIPT)
CC STANDS FOR AWWA TAPER THREAD (CC)

---: DESIGNATES THAT SIZE/APPLICATION IS NOT AVAILABLE.

DEFAULT O-RING MATERIAL IS NBR.

ALL ASSEMBLIES NSF-61 CERTIFIED.

ALL ASSEMBLIES HAVE 200 PSI PRESSURE RATING.

OPTION CODE	OPTION CODE LIST
	DESCRIPTION
OD	SADDLE IS PRE-FORMED TO SPECIFIED PIPE OD. OD MUST BE SPECIFIED USING 4-DIGIT SIZE CODE.
ODC900	SADDLE IS PRE-FORMED TO SPECIFIED PIPE OD. "C900" STAMPED ON SADDLE BODY. OD MUST BE SPECIFIED USING 4-DIGIT SIZE CODE. AVAILABLE SIZES: 4" - 0480 6" - 0690 8" - 0905 10" - 1110 12" - 1320

REVISIONS					
REV	ECR	DESCRIPTION	DRAWN BY	DATE	APPROVED
A		RELEASED	ETB	06/03/2026	
B		CREATED OPTION CODE LIST. ADDED INFORMATION AROUND OD FORMING TO OPTION CODE LIST.	ETB	08/28/2026	



TAPPING SIZE (SEE TABLE)

O-RING CENTERED IN GROOVE
FOR SOLID RETENTION
AND PROPER SEALING



SADDLE
CAST LEAD FREE BRASS ALLOY
C83600/C87850

FLANGE NUT
CAST BRASS ALLOY C83600 /
FORGED BRASS ALLOY C69300

STRAP
BRASS ROD W/ ROLLED THREADS
ALLOY C65100

SMALL BOSS SADDLE
TAPS 0.50"-1.00"





TITLE TO AND OWNERSHIP OF THIS
ENGINEERING DATA REMAINS IN Mueller Co.
ASSENT ON THE PART OF THE RECIPIENT TO
THESE CONDITIONS IS PRESUMED.

INTERPRET THIS DRAWING
IN ACCORDANCE WITH
ASME Y14.5 2018

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CASTING TOLERANCES:

N/A

DO NOT SCALE DRAWING

CRITICAL REFERENCE

NAME	DATE
ETB	Aug-27-24

DRAWN BY

D.E. APPR.

M.E. APPR.

Q.A. APPR.

THIRD ANGLE PROJECTION

MUELLER

TITLE:
4"-16" BR-STYLE SERVICE SADDLE
BRONZE SERVICE SADDLE
WITH SINGLE BRONZE STRAP

SIZE	DWG. NUMBER	REV
D	SUBMITTAL_BR1B	B

MATERIAL: SEE PRINT

STK NUMBER:

REF NO.

SCALE: 0.500

WT:

SHEET 1 OF 1