

NOMINAL MAIN SIZE	PIPE OD RANGE	SADDLE TYPE (BR2B)	THREAD TYPE	AVAILABLE TAP DIAMETERS					
				.50"	.75"	1"	1.25	1.5"	2"
4"	4.74"-5.32"	BR2B0474	CC OR IP	050	075	100	---	---	---
	4.74"-5.10"	BR2B0474	CC OR IP	---	---	---	125	125	125
	5.10"-5.40"	BR2B0510	CC OR IP	---	---	---	125	150	200
6"	6.84"-7.45"	BR2B0684	CC OR IP	050	075	100	125	150	200
8"	8.99"-9.67"	BR2B0899	CC OR IP	050	075	100	125	150	200
10"	11.04"-12.12"	BR2B1104	CC OR IP	050	075	100	125	150	200
12"	13.14"-14.58"	BR2B1314	CC OR IP	050	075	100	125	150	200
14"	15.22"-16.88"	BR2B1522	CC OR IP	050	075	100	125	150	200
16"	17.32"-19.19"	BR2B1732	CC OR IP	050	075	100	125	150	200

TO DETERMINE PART NUMBER
CONCATENATE THE FOLLOWING STRING WITH NO SPACES OR COMMAS:
SADDLE TYPE, THREAD TYPE, TAP DIA, AND OPTION CODES

EXAMPLES:
BR2B0474CC100
BR2B0899IP200EP

OPTION CODES SHOULD BE USED IN ORDER SHOWN IN CHART.
EXAMPLE: BR2BxxxODC900EP

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

1.25" ONLY AVAILABLE IN AWWA IP THREAD.

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

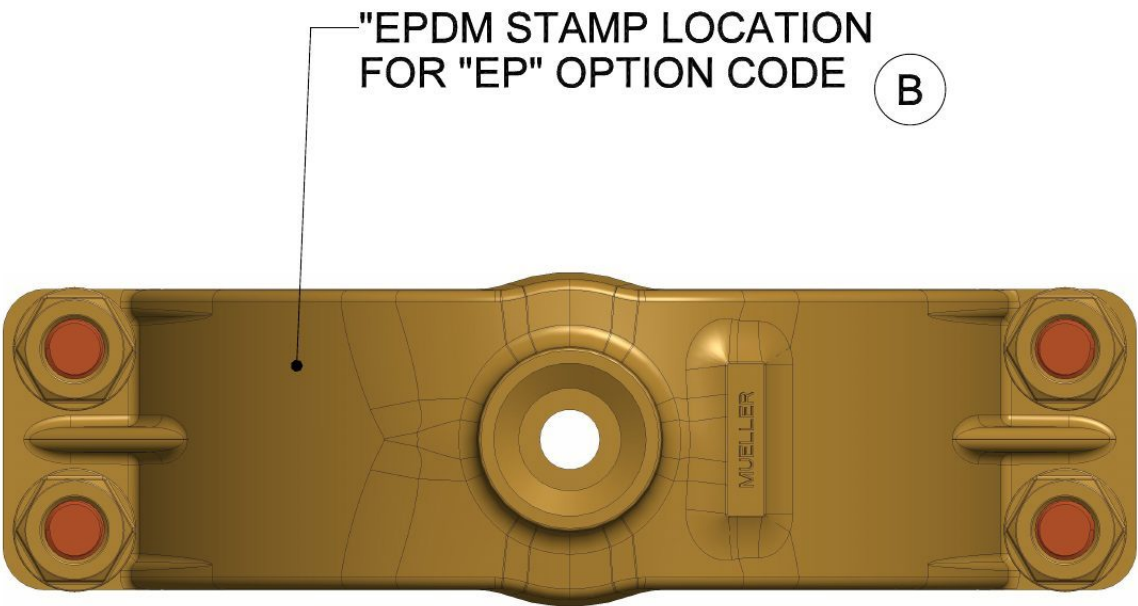
DEFAULT O-RING MATERIAL IS NBR.

ALL ASSEMBLIES ARE NSF-61 CERTIFIED.

ALL ASSEMBLIES HAVE 200 PSI PRESSURE RATING.

OPTION CODE LIST	
OPTION CODE	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
EP	EPDM O-RING OPTION. WILL BE STAMPED "EPDM" ON BODY. *ONLY AVAILABLE ON SPECIFIC SIZES*

REVISIONS					
REV	ECR	DESCRIPTION	DRAWN BY	DATE	APPROVED
B		DRAWING RE-MADE ADDED 87850 MATERIAL NOTES ADDED ADDITIONAL NOTE FOR NITRILE VS EPDM O-RING OPTION CLARIFIED RANGE FOR EPDM OPTION ADDED EPDM STAMP LOCATION NOTE	ETB	08/27/2024	
C		UPDATED DRAWING NAME TO SUBMITTAL_BR2B REMOVED 18'-24" RANGE (COVERED IN A DIFFERENT SUBMITTAL) ADDED EXTRA VIEWS FOR LARGE BOSS ADDED CLARIFICATION FOR DIFFERENCES IN CURRENT AND UPDATED DESIGNS REMOVED TOLERANCES FROM TITLE BLOCK	ETB	02/06/2025	
D		ADDED PRESSURE RATING	ETB	07/09/2025	
E		ADDED 14" AND 16" DIAMETERS TO EPDM O-RING OPTION	ETB	06/04/2026	
F		CREATED OPTION CODE LIST. ADDED INFORMATION AROUND OD FORMING TO OPTION CODE LIST	ETB	08/28/2026	



"EPDM STAMP LOCATION
FOR "EP" OPTION CODE



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 83600 /
FORGED BRASS ALLOY C69300

STRAP
BRASS ROD W/ ROLLED THREADS
ALLOY C65100

SMALL BOSS SADDLE
TAPS 0.50"-1.00"

LARGE BOSS SADDLE
TAPS 1.25"-2.00"

