



MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

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CERTIFIED FOR

JOB NAME :

CUSTOMER :

CUSTOMER P.O. :

MASON M.I. :

DWG. NO. :

TYPE

BR

Captive
Neoprene
Mounting

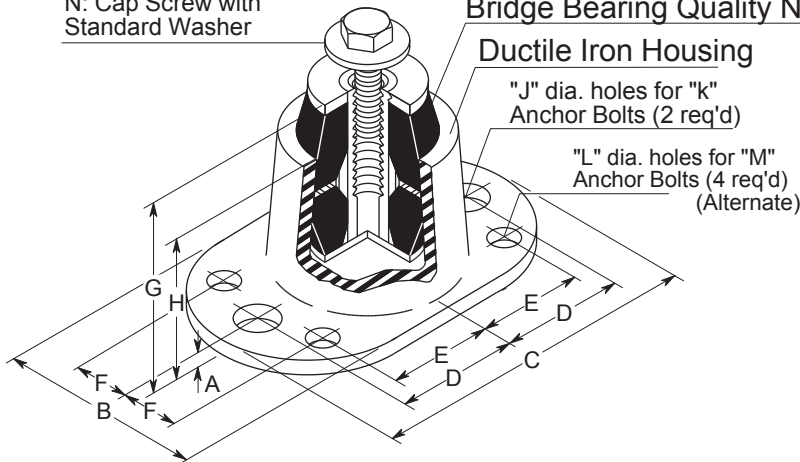
N: Cap Screw with
Standard Washer

Bridge Bearing Quality Neoprene

Ductile Iron Housing

"J" dia. holes for "k"
Anchor Bolts (2 req'd)

"L" dia. holes for "M"
Anchor Bolts (4 req'd)
(Alternate)



TYPE BR DIMENSIONS (inches)

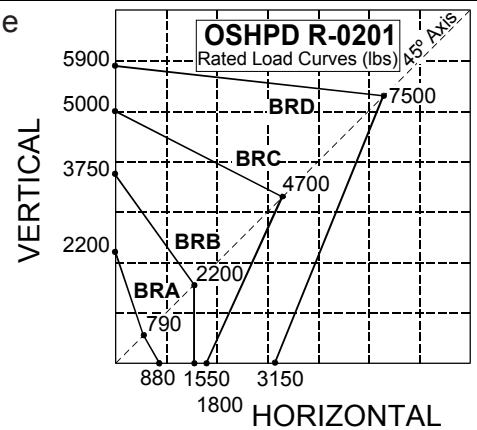
Type	A	B	C	D	E	F	G	H	J	K	L	M	N
BRA	3/16	2 1/2	4 1/4	15/8	13/8	3/4	3	2	1/2	3/8	3/8	1/4	5/16 x 1
BRB	3/16	3 1/4	5 3/4	2 1/4	17/8	7/8	3	2	5/8	1/2	1/2	3/8	7/16 x 1
BRC	1/4	5 1/4	9	3 5/8	3	1 1/2	6 1/2	4 1/2	7/8	3/4	3/4	5/8	5/8 x 1 1/2
BRD	1/4	6	10 1/2	4 3/8	3 5/8	1 5/8	6 1/2	4 1/2	7/8	3/4	3/4	5/8	5/8 x 1 1/2

TYPE BR RATINGS

Type & Size (Color Mark)	Duro- meter	COMPRESSION Rated Capacity [lbs]	Rated Defl. [in]	TENSION Rated Capacity [lbs]	Rated Defl. [in]	SHEAR Rated Capacity [lbs]	Rated Defl. [in]	Maximum Horizontal Static G Rating
BRA-Green	40	85	0.20	85	0.18	20	0.13	10.4
BRA-Red	50	125	0.20	125	0.18	30	0.13	7.0
BRA-White	60	205	0.20	205	0.18	50	0.13	4.3
BRA-Yellow	70	290	0.20	290	0.18	70	0.13	3.0
BRB-Red	50	450	0.20	500	0.18	100	0.15	3.4
BRB-White	60	740	0.20	750	0.18	170	0.15	2.1
BRB-Yellow	70	1040	0.20	1050	0.18	240	0.15	1.5
BRC-Red	50	650	0.30	750	0.25	380	0.50	2.8
BRC-White	60	1100	0.30	1150	0.25	500	0.50	1.6
BRC-Yellow	70	1540	0.30	1610	0.25	700	0.50	1.2
BRD-White	60	2390	0.30	2450	0.25	750	0.50	1.3
BRD-Yellow	70	3150	0.30	3430	0.25	1050	0.50	1.0

All Rated Capacities are based on proper neoprene loadings without metal to metal contact. Seismic Maximum G Ratings are based on metal failure under static seismic loadings as defined in the building codes.

Horizontal G Ratings are for quick reference only. Use OSHPD Rated Load Curves.

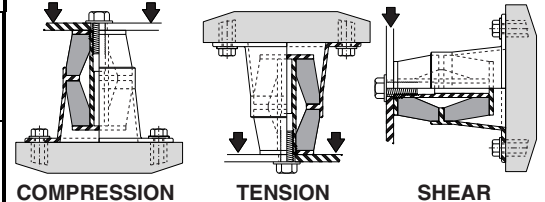


Horizontal Vertical plotted Ratings are California OSHPD approved values having the OSHPD Anchorage Preapproval Number R-0201. Testing and calculations were performed to meet OSHPD criteria.

To use approved OSHPD rated load curves:

1) Calculate Vertical & Horizontal Forces on mounting including translations and overturning moments.

2) Plot Horizontal Load vs Vertical Load. The point must fall within the area below the OSHPD curve.



BRIDGE BEARING NEOPRENE SPECIFICATION

ORIGINAL PHYSICAL PROPERTIES			TESTING FOR AGING			COMPRES- SION SET
(a)	(b)	(b)	(c)	(d)	(e)	
Duro-	Tensile	Elongat.	Hard-	Tensile	Elongat.	22hrs/150° F Method B
meter	Strength	at Break	ness	Strength	at Break	
[min]	[min]	[min]	[max]	[max]	[min]	
40±5	2000 psi	450%	+ 15%	± 15%	- 40%	30% (max)
50±5	2500 psi	400%	+ 15%	± 15%	- 40%	25% (max)
60±5	2500 psi	350%	+ 15%	± 15%	- 40%	25% (max)

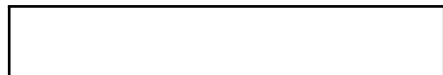
(a)ASTMD-676(b)ASTMD-412(c)ASTMD-573(d)ASTMD-1149(e)ASTMD-395

CERTIFICATION DATA

TAG : _____

UNIT : _____

PLAN VIEW OF MOUNT LOCATION:



_____ inches SPECIFIED DEFLECTION

1 :	6 :
2 :	7 :
3 :	8 :
4 :	9 :
5 :	10 :
Material for One Set : _____ Sets Required	

DWN : _____ CHKD : _____ DATE : _____

DWG NO. : _____