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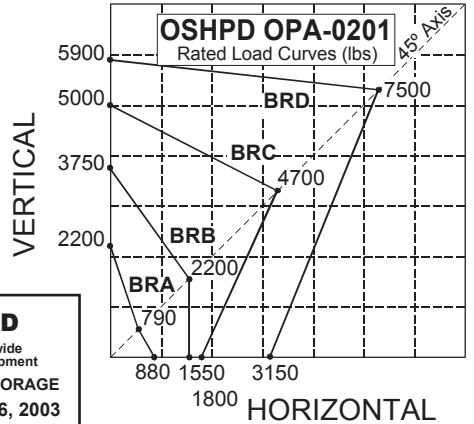
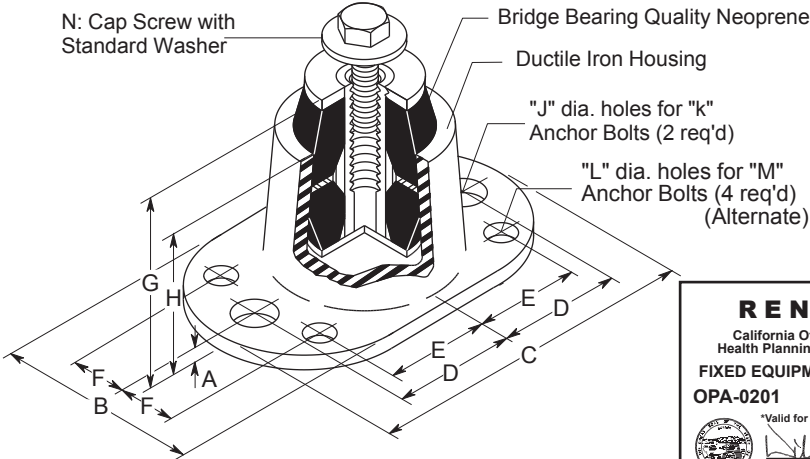
CERTIFIED FOR

JOB NAME :
 CUSTOMER :
 CUSTOMER P.O. :
 MASON M.I. :
 DWG. NO. :

TYPE

BR

Captive
 Neoprene
 Mounting



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	1 5/8	1 3/8	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	1 7/8	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

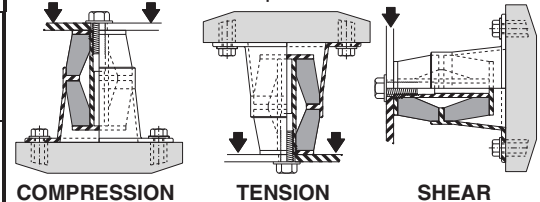
Type & Size (Color Mark)	Duro-meter	COMPRESSION		TENSION		SHEAR		Maximum Horizontal Static G Rating
		Rated Capacity [lbs]	Rated Defl. [in]	Rated Capacity [lbs]	Rated Defl. [in]	Rated Capacity [lbs]	Rated Defl. [in]	
BRA-Green	40	85	0.20	85	0.18	20	0.13	10.4
BRA-Red	50	125	0.20	125	0.18	30	0.13	7.0
BRA-White	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 OPA-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



BRIDGE BEARING NEOPRENE SPECIFICATION

ORIGINAL PHYSICAL PROPERTIES			TESTING FOR AGING			COMPRESSION SET (e)
(a)	(b)	(b)	(c) Oven Aging (70hrs/212° F)	(d) Ozone	(e)	
Duro-meter	Tensile Strength	Elongat. at Break [min]	Hard-ness [max]	Tensile Strength at Break [max]	Elongat. [min]	1 ppm in air by Vol.20% Strain 100° F
40±5	2000 psi	450%	+ 15%	± 15%	- 40%	No Cracks
50±5	2500 psi	400%	+ 15%	± 15%	- 40%	No Cracks
60±5	2500 psi	350%	+ 15%	± 15%	- 40%	No Cracks
						22hrs/150° F Method B
						30% (max)
						25% (max)
						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. : _____