



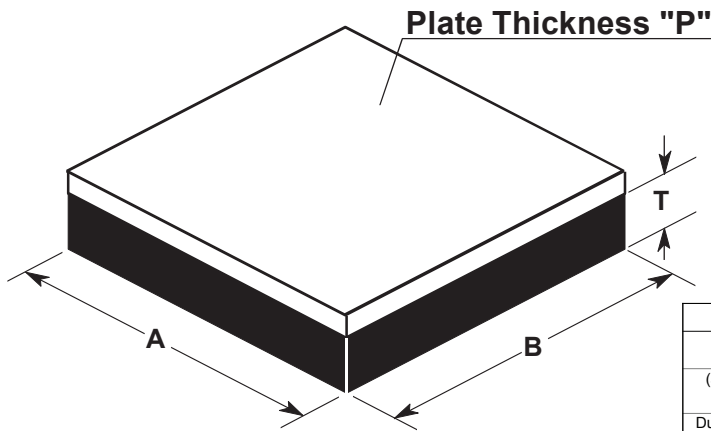
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JOB NAME _____
 CUSTOMER _____
 CUSTOMER P.O. _____
 MASON M.I. _____
 DWG. NO. _____

BBPM

Bridge Quality
 Neoprene
 Bearing Pad
 with Steel Plate



ACTUAL PAD SIZES ARE AS SCHEDULED BELOW

Type BBPM Thickness

Size (T)	
(in)	(mm)
1/4	6
3/8	10
1/2	13
5/8	16
3/4	19
1	25
1 1/4	32
1 1/2	38

BRIDGE BEARING NEOPRENE SPECIFICATIONS

ORIGINAL PHYSICAL PROPERTIES			TESTING FOR AGING			COMPRES- SION SET	
(a)	(b)	(b)	(c)		(d)	(e)	
Duro- meter	Tensile Strength [min]	Elongat. at Break [min]	Hard- ness [max]	Tensile Strength [max]	Elongat. at Break [min]	100 ppm in air by Vol. 20% Strain 100°F	22hrs/212°F Method B
40±5	2000 psi	450%	+15%	±15%	-40%	No Cracks	35% (max)
50±5	2250 psi	400%	+15%	±15%	-40%	No Cracks	35% (max)
60±5	2250 psi	350%	+15%	±15%	-40%	No Cracks	35% (max)

(a)ASTM D-2240 (b)ASTM D-412 (c)ASTM D-573 (d)ASTM D-1149 (e)ASTM D-395

Typical 1" 25mm Thick 60 duro BBP Loadings

Lower Load at 0.10" 3mm Deflection				Maximum Load at 0.15" 3.8mm Deflection			
Pad Size (A x B)		Load Range		Pad Size (A x B)		Load Range	
(in)	(mm)	(lbs)	(kg)	(in)	(mm)	(lbs)	(kg)
2 x 2	51 x 51	300 - 450	135 - 205	8 x 8	203 x 203	20800 - 31200	10635 - 15955
3 x 3	76 x 76	990 - 1485	450 - 675	8 x 12	203 x 305	38400 - 57600	17455 - 26180
3 x 6	76 x 152	2340 - 3510	1065 - 1595	10 x 10	254 x 254	42500 - 63750	19320 - 28980
4 x 4	102 x 102	2400 - 3600	1090 - 1635	10 x 12	254 x 305	55200 - 82800	25090 - 37635
4 x 6	102 x 152	4080 - 6120	1855 - 2780	12 x 12	305 x 305	79200 - 118800	36000 - 54000
6 x 6	152 x 152	7600 - 12000	3455 - 5455	15 x 15	381 x 381	146250 - 219375	66480 - 99715
6 x 8	152 x 203	12000 - 18000	5455 - 8180	18 x 18	457 x 457	243000 - 364000	110455 - 165455
6 x 12	152 x 305	23400 - 35100	9455 - 14180	24 x 24	576 x 576	432000 - 648000	196365 - 294545

Approximate Load Corrections
 1/2" 13mm Pads - Twice the load 2" 50mm Pads - Half the Load
 40 Duro-55%, 50 Duro-75%, 70 Duro-160% of 60 Duro loadings

PLAN VIEW OF PAD LOCATIONS

TAG : _____
 UNIT : _____



Durometer of Pad Material to be: DURO

1 :	6 :
2 :	7 :
3 :	8 :
4 :	9 :
5 :	10 :

Sets Required: _____

Type BBPM Dimensions (inches) (mm)

A	B	T	P