



TYPE I ELASTOMERIC EXPANSION BEARING

TABLE OF DIMENSIONS — TYPE I ELASTOMERIC EXPANSION BEARINGS

W _E	L _E	SERIES	T _P	N _P	T _S	N _S	T _E
6	10	a	5/16	3	14/16	2	1 1/16
9	12	a	5/8	5	3/32	4	2 1/4
9	12	b	5/8	7	3/32	6	3 3/16
9	12	c	5/8	8	3/32	7	5 5/8
10	14	a	7/16	5	1/8	4	2 1/16
11	16	b	1/2	5	1/8	4	3
12	18	b	9/16	4	3/16	3	2 13/16
12	18	d	9/16	6	3/16	5	4 5/16
12	18	c	9/16	5	3/16	4	3 9/16

T_P - denotes thickness of each elastomeric layer.
 N_P - denotes number of elastomeric layers.
 T_S - denotes thickness of each steel plate.
 N_S - denotes number of steel plates.

TYPE I ELASTOMERIC EXPANSION BEARING SCHEDULE

STRUCTURE	PIER LOCATION	GIRDER NO.	W _E	L _E	SERIES	TOP PLATE				Y	H _E	NO. REQ'D.	REMARKS
						T _T	W _T	L _T	SLOPE%				
016-1117	2(N)	6-10	9	12	b	1 5/8	10	14	2.2	6	4 1/2	5	R, E(6,10)
	13(S)	6-10	9	12	a	1 1/2	10	14	1.6	4	5 3/4	5	R, E(6,10)
	14(N)	8N-1	9	12	a	1 1/2	10	14	1.6	4	3 3/4	1	N
	16(S)	8N-1	10	14	a	1 3/4	11	16	2.1	6	4 7/8	1	N, E
	16(N)	8N-1	9	12	a	1 3/4	10	14	2.1	6	4	1	N, E
	18(S)	8N-1	10	14	a	1 3/4	11	16	2.4	6	4 7/8	1	N, E
	18(N)	8N-1	10	14	a	1 3/4	11	16	2.7	6	4 7/8	1	N, E
	19(N)	8N-1	11	16	b	2	12	18	2.7	6	5	1	N, E
	20(N)	8N-1	11	16	b	2	12	18	2.9	6	5	1	N, E
	21(N)	8N-1	11	16	b	2	12	18	2.3	6	5	1	N, E
	22(N)	8N-1	11	16	b	2	12	18	2.1	6	5	1	N, E
	23(N)	8N-1	10	14	a	1 3/4	11	16	1.8	6	4 7/8	1	N, E
	25	11-20	12	18	b	2 1/2	13	20	1.5	6	6	10	R, B
		GN-1	12	18	b	2 1/2	13	20	1.5	6	1	N, B	

Notes:
 1. Height of Bearing Assembly, H_E, includes top plate and Elastomeric Pad and does not include shim plate.
 2. Side Retainers for bearing requiring a bolster are detailed on the Bolster Detail Sheet.
 For Bearings located on top of concrete pier, provide side retainer at inside face of exterior girder only, as noted in Bearing Schedule.
 For Bearings located on top of steel bearing seat, provide side retainer on both sides of each bearing. See details this sheet.
 3. Shim plates shall be placed between the bottom flange of girder and the top plate of the bearing (as shown) for bearings without bolsters only.

Remarks:
 B - Bolster required, see Bolster Details.
 E - Exterior Girder. Provide Side Retainer of inside face.
 N - New bearings, roadway widening.
 R - Replacement bearings.
 ⊗ - See Bolster Schedule for H_E and y dimensions

