

INSTALLATION

- Bearings always installed with steel plate on top of bottom pad.
- Bearing seat on which bottom pad rests must be true level $\pm 1/32$ inch.
- For pre-cast concrete, carefully shim bearings so they are uniformly loaded. Also, select a bearing having 25 percent extra load capacity in order to minimize the effect of lack of uniformity.
- Where top plates are not cast into concrete beams, a 1/4 inch masonry pad should be bonded to top plate.

SPECIFICATION:

- Type
- Number
- Upper plate size and bevel if required
- Connection details (slot and hole sizes)
- Masonry pad
- Shipping requirements

(One Ton = 2000 lbs.)

TYPE 1 DESIGN DETAILS

Part No.	Max. Total Load (tons)	Max. Dead Load (tons)	Upper Bearing Plate (inches)				Bottom Pad (inches)		Total Movement Allowable in a "T" Direction (inches)
			l	w	t	s	b	c	
A-1-A	6.0	3.0	8	5.0	0.50	3.25	3.75	0.50	2.75
A-1-B	4.0	3.0	10	5.0	0.50	3.25	3.75	0.50	6.75
A-2-A	5.0	3.5	6	6.0	0.50	3.25	4.75	0.50	2.75
A-2-B	3.5	3.5	10	6.0	0.50	3.25	4.75	0.50	6.75
A-3-A	8.5	6.5	8	7.0	0.50	3.25	3.75	0.50	2.75
A-3-B	6.5	6.5	10	7.0	0.50	3.25	3.75	0.50	6.75
A-4-A	7.0	5.0	6	8.0	0.75	3.25	6.75	0.50	2.75
A-4-B	7.0	5.0	10	8.0	0.75	3.25	6.75	0.50	6.75
A-5-A	8.5	6.0	8	9.0	0.75	3.25	7.75	0.50	2.75
A-5-B	8.5	6.0	10	9.0	0.75	3.25	7.75	0.50	6.75
A-6-A	9.5	7.0	8	10.0	0.75	3.25	8.50	0.50	2.75
A-6-B	9.5	7.0	10	10.0	0.75	3.25	8.50	0.50	6.75
A-7-A	10.5	7.5	6	11.0	0.75	3.25	9.75	0.50	2.75
A-7-B	10.5	7.5	10	11.0	0.75	3.25	9.75	0.50	6.75
A-8-A	11.5	8.5	6	12.0	0.75	3.25	10.75	0.50	2.75
A-8-B	11.5	8.5	10	12.0	0.75	3.25	10.75	0.50	6.75
A-8-C	11.5	8.5	14	12.0	0.75	3.25	10.75	0.50	10.75
B-9-A	5.5	4.0	7	5.0	0.50	3.00	3.75	0.50	3.00
B-9-B	5.5	4.0	11	5.0	0.50	3.00	3.75	0.50	7.00
B-10-A	7.0	5.0	7	6.0	0.50	3.00	4.75	0.50	3.00
B-10-B	7.0	5.0	11	6.0	0.50	3.00	4.75	0.50	7.00
B-11-A	8.5	6.0	7	7.0	0.50	3.00	5.75	0.50	3.00
B-11-B	8.5	6.0	11	7.0	0.50	3.00	5.75	0.50	7.00
B-12-A	9.5	7.0	7	8.0	0.75	3.00	6.50	0.50	3.00
B-12-B	9.5	7.0	11	8.0	0.75	3.00	6.50	0.50	7.00
B-13-A	11.5	8.5	7	9.0	0.75	3.00	7.75	0.50	3.00
B-13-B	11.5	8.5	11	9.0	0.75	3.00	7.75	0.50	7.00
B-14-A	12.5	9.0	7	10.0	0.75	3.00	8.50	0.50	3.00
B-14-B	12.5	9.0	11	10.0	0.75	3.00	8.50	0.50	7.00
B-15-A	13.5	10.0	7	11.0	0.75	3.00	9.50	0.50	3.00
B-15-B	13.5	10.0	11	11.0	0.75	3.00	9.50	0.50	7.00
B-16-A	15.0	11.0	7	12.0	0.75	3.00	10.75	0.50	3.00
B-16-B	15.0	11.0	11	12.0	0.75	3.00	10.75	0.50	7.00
B-17-A	18.0	13.5	7	13.5	0.75	3.00	12.00	0.50	3.00
B-17-B	18.0	13.5	11	13.5	0.75	3.00	12.00	0.50	7.00
B-18-A	20.0	15.0	7	15.0	0.75	3.00	13.50	0.50	3.00
B-18-B	20.0	15.0	11	15.0	0.75	3.00	13.50	0.50	7.00
B-18-C	20.0	15.0	15	15.0	0.75	3.00	13.50	0.50	11.00
C-18-A	12.0	9.0	8	8.0	0.75	3.75	6.50	0.50	3.75
C-18-B	12.0	9.0	11	8.0	0.75	3.75	6.50	0.50	6.75
C-20-A	14.5	10.5	8	9.0	0.75	3.75	7.75	0.50	3.75
C-20-B	14.5	10.5	11	9.0	0.75	3.75	7.75	0.50	6.75
C-21-A	16.0	12.0	8	10.0	0.75	3.75	8.50	0.50	3.75
C-21-B	16.0	12.0	11	10.0	0.75	3.75	8.50	0.50	6.75
C-22-A	17.0	12.5	11	11.0	0.75	3.75	9.25	0.50	3.75
C-22-B	17.0	12.5	15	11.0	0.75	3.75	9.25	0.50	10.00
C-23-A	18.0	14.0	8	12.0	0.75	3.75	10.25	0.50	3.00
C-23-B	18.0	14.0	11	12.0	0.75	3.75	10.25	0.50	6.00
C-23-C	18.0	14.0	15	12.0	0.75	3.75	10.25	0.50	10.00
C-24-A	20.5	17.0	8	13.5	0.75	3.75	11.00	0.50	3.00
C-24-B	20.5	17.0	11	13.5	0.75	3.75	11.00	0.50	6.00
C-24-C	20.5	17.0	15	13.5	0.75	3.75	11.00	0.50	10.00
C-25-A	25.5	19.0	8	15.0	0.75	3.75	12.50	0.50	3.00
C-25-B	25.5	19.0	11	15.0	0.75	3.75	12.50	0.50	6.00
C-25-C	25.5	19.0	15	15.0	0.75	3.75	12.50	0.50	10.00
C-26-A	28.0	22.0	8	16.0	0.75	3.75	14.00	0.50	3.00
C-26-B	28.0	22.0	11	16.0	0.75	3.75	14.00	0.50	6.00
C-26-C	28.0	22.0	15	16.0	0.75	3.75	14.00	0.50	10.00
C-27-A	30.5	24.5	8	17.0	0.80	3.75	15.00	0.50	3.00
C-27-B	30.5	24.5	11	17.0	0.80	3.75	15.00	0.50	6.00
C-27-C	30.5	24.5	15	17.0	0.80	3.75	15.00	0.50	10.00

Part No.	Max. Total Load (tons)	Max. Dead Load (tons)	Upper Bearing Plate (inches)		Bottom Pad (inches)			Total Movement Allowable in a "T" Direction (inches)	
			l	w	l	a	b		c
D-28-A	17.5	13.0	8	8.0	1.00	4.50	7.25	1.00	3.25
D-28-B	17.5	13.0	13	8.0	1.00	4.50	7.25	1.00	6.25
D-28-C	17.5	13.0	16	8.0	1.00	4.50	7.25	1.00	10.25
D-29-A	19.5	14.0	8	9.0	1.00	4.50	8.25	1.00	3.25
D-29-B	19.5	14.0	12	9.0	1.00	4.50	8.25	1.00	6.25
D-29-C	19.5	14.0	16	9.0	1.00	4.50	8.25	1.00	10.25
D-30-A	21.5	15.5	8	11.0	1.00	4.50	9.25	1.00	3.25
D-30-B	21.5	15.5	12	11.0	1.00	4.50	9.25	1.00	6.25
D-30-C	21.5	15.5	16	11.0	1.00	4.50	9.25	1.00	10.25
D-31-A	23.5	17.0	8	12.0	1.00	4.50	10.25	1.00	3.25
D-31-B	23.5	17.0	13	12.0	1.00	4.50	10.25	1.00	6.25
D-31-C	23.5	17.0	16	12.0	1.00	4.50	10.25	1.00	10.25
D-32-A	25.5	20.0	8	13.5	1.00	4.50	11.25	1.00	3.25
D-32-B	25.5	20.0	12	13.5	1.00	4.50	11.25	1.00	6.25
D-32-C	25.5	20.0	16	13.5	1.00	4.50	11.25	1.00	10.25
D-33-A	30.5	23.0	8	15.0	1.00	4.50	12.25	1.00	3.25
D-33-B	30.5	23.0	12	15.0	1.00	4.50	12.25	1.00	6.25
D-33-C	30.5	23.0	16	15.0	1.00	4.50	12.25	1.00	10.25
D-34-A	36.0	27.0	8	16.0	1.00	4.50	13.25	1.00	3.25
D-34-B	36.0	27.0	12	16.0	1.00	4.50	13.25	1.00	6.25
D-34-C	36.0	27.0	16	16.0	1.00	4.50	13.25	1.00	10.25
D-35-A	42.5	32.0	8	21.0	1.00	4.50	18.00	1.00	3.25
D-35-B	42.5	32.0	12	21.0	1.00	4.50	18.00	1.00	6.25
D-35-C	42.5	32.0	16	21.0	1.00	4.50	18.00	1.00	10.25
E-36-A	22.0	16.5	10	8.0	1.00	5.75	7.25	1.00	3.75
E-36-B	22.0	16.5	17	8.0	1.00	5.75	7.25	1.00	6.75
E-36-C	22.0	16.5	17	9.0	1.00	5.75	7.25	1.00	9.75
E-37-A	24.5	18.5	10	10.0	1.00	5.75	8.50	1.00	3.75
E-37-B	24.5	18.5	13	10.0	1.00	5.75	8.50	1.00	6.75
E-37-C	24.5	18.5	17	10.0	1.00	5.75	8.50	1.00	9.75
E-38-A	26.5	20.0	10	11.0	1.00	5.75	9.25	1.00	3.75
E-38-B	26.5	20.0	13	11.0	1.00	5.75	9.25	1.00	6.75
E-38-C	26.5	20.0	17	11.0	1.00	5.75	9.25	1.00	9.75
E-39-A	29.5	22.0	10	12.0	1.00	5.75	10.25	1.00	3.75
E-39-B	29.5	22.0	13	12.0	1.00	5.75	10.25	1.00	6.75
E-39-C	29.5	22.0	17	12.0	1.00	5.75	10.25	1.00	9.75
E-40-A	34.5	26.0	10	13.5	1.00	5.75	11.25	1.00	3.75
E-40-B	34.5	26.0	13	13.5	1.00	5.75	11.25	1.00	6.75
E-40-C	34.5	26.0	17	13.5	1.00	5.75	11.25	1.00	9.75
E-41-A	30.0	23.0	10	15.0	1.00	5.75	13.00	1.00	3.75
E-41-B	30.0	23.0	13	15.0	1.00	5.75	13.00	1.00	6.75
E-41-C	30.0	23.0	17	15.0	1.00	5.75	13.00	1.00	9.75
E-42-A	36.0	28.5	17	16.0	1.00	5.75	14.00	1.00	3.75
E-42-B	36.0	28.5	19	16.0	1.00	5.75	14.00	1.00	6.75
E-42-C	36.0	28.5	21	16.0	1.00	5.75	14.00	1.00	9.75
E-43-A	34.5	42.0	19	21.0	1.00	5.75	19.00	1.00	3.75
E-43-B	34.5	42.0	21	21.0	1.00	5.75	19.00	1.00	6.75
E-43-C	34.5	42.0	17	21.0	1.00	5.75	19.00	1.00	9.75
E-44-A	39.0	51.5	17	26.0	1.00	5.75	24.00	1.00	3.75
E-44-B	39.0	51.5	13	26.0	1.00	5.75	24.00	1.00	6.75
E-44-C	39.0	51.5	17	26.0	1.00	5.75	24.00	1.00	9.75
F-45-A	37.5	26.5	11	10.0	1.00	6.50	8.50	1.00	3.00
F-45-B	37.5	26.5	14	10.0	1.00	6.50	8.50	1.00	6.00
F-45-C	37.5	26.5	18	10.0	1.00	6.50	8.50	1.00	10.00
F-46-A	30.5	23.5	11	11.0	1.00	6.50	9.25	1.00	3.00
F-46-B	30.5	23.5	14	11.0	1.00	6.50	9.25	1.00	6.00
F-46-C	30.5	23.5	18	11.0	1.00	6.50	9.25	1.00	10.00
F-47-A	33.5	25.5	11	12.0	1.00	6.50	10.25	1.00	3.00
F-47-B	33.5	25.5	14	12.0	1.00	6.50	10.25	1.00	6.00
F-47-C	33.5	25.5	18	12.0	1.00	6.50	10.25	1.00	10.00
F-48-A	30.0	22.0	14	14.0	1.00	6.50	13.00	1.00	3.00
F-48-B	30.0	22.0	14	14.0	1.00	6.50	13.00	1.00	6.00
F-48-C	30.0	22.0	18	14.0	1.00	6.50	13.00	1.00	10.00
F-49-A	42.0	31.5	11	15.0	1.00	6.50	15.00	1.00	3.0