

Unidirectional

Design Code: AASHTO SSFHB 17th Edition, OR LRFD 4TH EDITION SERVICE UNIT

Rotation: 0.02 Radians

Lateral Capacity: 30% of Vertical Load

Vertical Load Capacity (Kips)	Horizontal Load Capacity (Kips)	Length L (inches)	Width W (inches)	Base B (inches)	Height H (inches)	Movement M (inches)
100	30	13.83	10.38	6.63	3.32	4.00
200	60	17.50	14.38	8.63	3.95	4.00
300	90	20.17	16.88	10.75	4.70	4.00
400	120	22.67	19.75	12.25	5.45	4.00
500	150	24.67	21.00	13.50	5.83	4.00
600	180	26.50	23.63	14.75	6.32	4.00
700	210	28.33	24.75	16.13	6.83	4.00
800	240	29.83	27.00	17.25	7.70	4.00
900	270	31.33	29.13	18.38	8.20	4.00
1000	300	33.00	30.13	19.13	8.45	4.00
1100	330	34.17	30.75	20.13	8.70	4.00
1200	360	35.50	32.75	21.00	9.36	4.00
1300	390	37.00	34.38	21.75	9.61	4.00
1400	420	38.00	35.63	22.63	9.86	4.00
1500	450	39.33	37.13	23.13	9.98	4.00
1600	480	40.67	38.25	24.00	10.29	4.00
1700	510	41.17	38.00	24.88	10.61	4.00
1800	540	42.33	39.88	25.38	11.23	4.00
1900	570	43.33	40.63	26.25	11.61	4.00
2000	600	44.50	42.00	26.75	11.61	4.00
2250	675	46.33	44.13	28.25	12.11	4.00
2500	750	48.67	46.88	29.63	12.23	4.00
2750	825	52.33	48.88	31.13	12.61	4.00
3000	900	53.00	51.38	32.38	13.23	4.00
3250	975	55.00	53.13	33.75	13.86	4.00
3500	1050	57.00	54.38	35.00	14.23	4.00
3750	1125	58.83	55.25	36.38	14.61	4.00
4000	1200	61.00	57.38	37.50	14.73	4.00
4500	1350	63.83	59.50	39.88	15.98	4.00
5000	1500	67.33	63.63	41.88	16.86	4.00

If more or less movement is required, adjust slide plate dimension L accordingly.

Table shows approximate dimensions using Gr. 50 steel, and does not comprise the entire range of RJW bearings.

RJW can provide dimensions for any design criteria. Feel free to contact our design team. Feel free to download the Disktron Design Questionnaire on our website.