

Unidirectional

Design Code: AASHTO SSFHB 17th Edition

Rotation: 0.02 Radians

Lateral Capacity: 10% 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	10	11.63	10.88	6.50	3.20	4.00
200	20	14.25	13.50	8.38	3.45	4.00
300	30	16.25	15.50	10.38	3.95	4.00
400	40	18.00	17.50	11.88	4.20	4.00
500	50	19.63	19.38	13.13	4.45	4.00
600	60	20.88	20.88	14.25	4.57	4.00
700	70	22.25	22.50	15.50	4.83	4.00
800	80	23.38	24.13	16.50	5.20	4.00
900	90	24.50	25.50	17.63	5.45	4.00
1000	100	25.75	27.00	18.38	5.45	4.00
1100	110	26.63	28.38	19.25	5.70	4.00
1200	120	27.50	29.25	20.25	6.07	4.00
1300	130	28.63	30.38	20.88	6.07	4.00
1400	140	29.63	31.50	22.00	6.48	4.00
1500	150	30.13	32.00	22.50	6.61	4.00
1600	160	31.25	33.13	23.25	7.11	4.00
1700	170	31.88	33.75	24.00	7.23	4.00
1800	180	32.88	34.75	24.75	7.23	4.00
1900	190	33.50	35.88	25.38	7.61	4.00
2000	200	34.50	36.88	26.13	7.61	4.00
2250	225	35.88	38.25	27.63	8.11	4.00
2500	250	37.75	40.13	29.13	8.61	4.00
2750	275	39.25	41.63	30.50	8.61	4.00
3000	300	40.88	43.25	31.75	8.86	4.00
3250	325	42.38	45.25	33.13	9.36	4.00
3500	350	43.88	47.25	34.38	9.61	4.00
3750	375	45.13	49.00	35.50	9.86	4.00
4000	400	46.38	50.75	36.63	9.86	4.00
4500	450	48.88	52.25	38.88	10.61	4.00
5000	500	51.50	58.38	40.75	11.11	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.