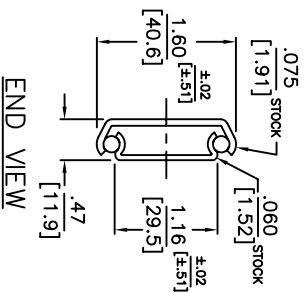
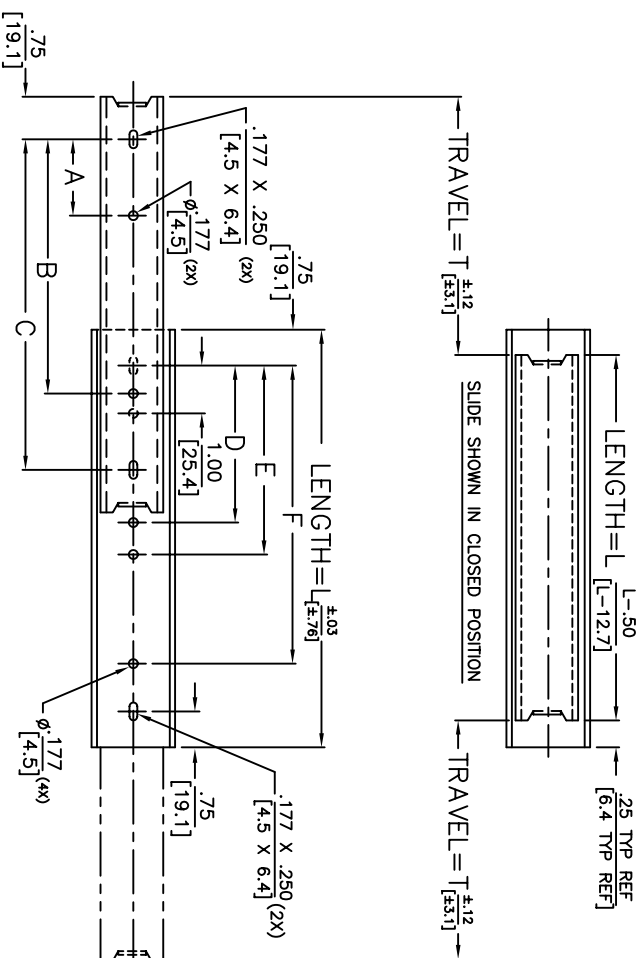


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- A schematic diagram of a parallel mechanism. It consists of a fixed base and a moving platform. The base is connected to the platform by two parallel prismatic joints (sliders) and one revolute joint (rotator). The two prismatic joints are represented by horizontal bars with circular ends, and the revolute joint is represented by a vertical bar with a circular end. The platform is a rectangular block.

ISOMETRIC REPRESENTATION



END VIEW



PART NO.		SLIDE TRAVEL		MOUNTING HOLE PATTERN						LOAD RATING
SERIES	DIM. LENGTH	DIM. L	DIM. T	INNER CHANNEL			OUTER CHANNEL			PER PAIR
				A	B	C	D	E	F	
311TW-12	12 304.8	8 203	9.5 241	3,000 76.20	7,000 177.80	10,000 254.00	4,000 101.60	6,500 165.10	9,500 241.30	125 LBS 57 KG
311TW-14	14 355.6	9.5 241	10.5 267	4,000 101.60	8,000 203.20	12,000 304.80	4,000 101.60	8,500 215.90	11,500 292.10	120 LBS 55 KG
311TW-16	16 406.4	10.5 267	12 305	5,000 127.00	9,000 228.60	14,000 355.60	5,000 127.00	9,500 241.30	14,500 334.90	115 LBS 52 KG
311TW-18	18 457.2	12 305	13.5 343	5,000 127.00	11,000 279.40	16,000 406.40	6,000 152.40	10,500 266.70	15,500 393.70	110 LBS 50 KG
311TW-20	20 508	13.5 343	15 381	6,000 152.40	12,000 304.80	18,000 457.20	6,000 152.40	12,500 317.50	17,500 444.30	105 LBS 48 KG
311TW-22	22 558.8	15 381	16 406	6,000 152.40	14,000 355.60	20,000 508.00	7,000 177.80	13,500 342.90	19,500 495.30	100 LBS 46 KG
311TW-24	24 609.6	16 406	17.5 445	7,000 177.80	15,000 381.00	22,000 558.80	7,500 190.50	15,000 381.00	21,500 546.10	90 LBS 41 KG
311TW-26	26 660.4	17.5 445	19 483	8,000 203.20	16,000 406.40	24,000 609.60	8,000 203.20	16,500 419.10	23,500 596.90	80 LBS 36 KG
311TW-28	28 711.2	19 483		8,000 203.20	18,000 457.20	26,000 660.40	9,200 232.60	17,500 444.50	25,500 647.70	70 LBS 32 KG

 Jonathan Engineering Solutions Irvine Technology Center 410 Exchange, Suite 200 Irvine, CA 92602 Tel: (714) 665-4400 Website: www.JonathanEngr.com Engineering • Production • Integration • Subassembly Logistics United States • Mexico • China • Taiwan									
DIMENSIONS SHOWN AS: IN. [MM] TOLERANCE UNLESS OTHERWISE NOTED <table> <tr><td>.XX</td><td>±.020</td></tr> <tr><td>.X</td><td>±.51</td></tr> <tr><td>.XXX</td><td>±.010</td></tr> <tr><td>.XX</td><td>±.25</td></tr> </table> ANGLES ±1°	.XX	±.020	.X	±.51	.XXX	±.010	.XX	±.25	PART NO. 311TW DESCRIPTION: STEEL SERIES 311TW LOAD RATING: 70-125 LBS./ 32-57 KG. DATE: 6/04
.XX	±.020								
.X	±.51								
.XXX	±.010								
.XX	±.25								
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