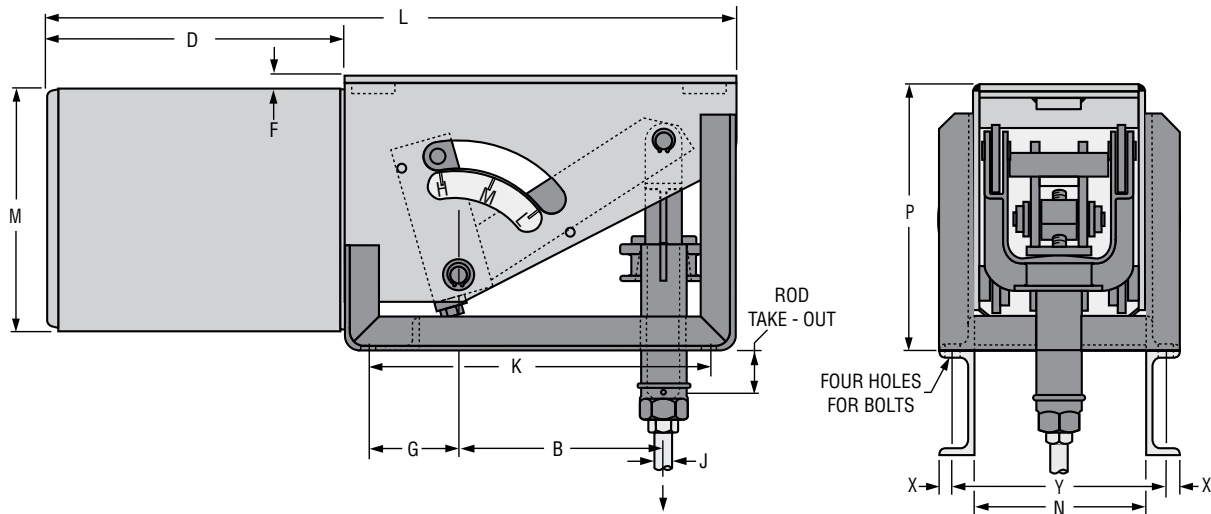


Fig. 81-H Type E

Model R



Type E incorporates two brackets as part of its frame, permitting the bolting of the constant support to the top of structural steel. Sizes 1 to 9 are furnished with swivel eye and turnbuckle instead of yoke and coupling. If rod take-out does not exceed the depth of the supporting steel and rod coupling is required to extend below the steel,

specify the depth of the supporting steel. Increase rod take-out by the depth of the steel.

Notes: See load travel tables, page 160 through 163 for "B" dimension. For weights see page 178. Location of travel indicator and contour of side plate may vary from that shown.

FIG. 81-H TYPE E: DIMENSIONS (IN)

Hanger Sizes	D	F	G	M	N	P	X	Y	Angle Size	Bkt. Hole Dia.	Total Travel TT	L	K	Factors	J-Rod		
															Min Thd Length	Rod Dia.	
																Min	Max
1 - 9	8 ¹ / ₄	7 ⁷ / ₈	2	6 ¹ / ₈	4 ¹ / ₈	8 ¹ / ₂	5 ⁵ / ₈	5 ¹⁵ / ₁₆	1 ¹ / ₂ x 1 ¹ / ₂ x 1 ¹ / ₄	9 ¹ / ₁₆	4 or less	16 ¹ / ₄	6	5 ⁵ / ₈	1 ³ / ₄ + TT	1 ¹ / ₂	1 ¹ / ₂
											4 ¹ / ₂ or more	20 ¹ / ₄	10	7 ¹ / ₁₆			
10 - 18	8 ⁷ / ₁₆	1 ¹ / ₂	2 ⁹ / ₁₆	8 ⁵ / ₁₆	6 ⁷ / ₁₆	10 ¹³ / ₁₆	5 ⁵ / ₈	8 ¹⁵ / ₁₆	1 ¹ / ₂ x 2 x 1 ¹ / ₄	3 ³ / ₄	5 or less	18 ⁷ / ₁₆	7 ¹ / ₂	1 ³ / ₄	1 ³ / ₄ + TT	1 ¹ / ₂	3 ³ / ₄
											5 ¹ / ₂ or more	21 ⁷ / ₁₆	7 ¹ / ₂	4 ¹ / ₁₆			
19 - 34	14 ⁷ / ₁₆	5 ⁵ / ₈	3 ⁵ / ₈	12 ⁷ / ₁₆	8 ⁹ / ₁₆	16 ¹ / ₈	5 ⁵ / ₈	11 ³ / ₁₆	1 ¹ / ₂ x 2 ¹ / ₂ x 1 ¹ / ₄	3 ³ / ₄	5 or less	26 ¹⁵ / ₁₆	10	3 ³ / ₈	2 ³ / ₈ + TT	1 ¹ / ₂	1 ¹ / ₄
											5 ¹ / ₂ or more	31 ⁷ / ₁₆	10	5 ¹ / ₂			
35 - 49	17 ¹ / ₁₆	1 ¹ / ₁₆	4 ¹ / ₂	13 ³ / ₄	9 ¹³ / ₁₆	19 ⁵ / ₈	1 ¹³ / ₁₆	13 ⁵ / ₁₆	3 x 2 x 3 ³ / ₈	7 ⁷ / ₈	6 or less	31 ¹ / ₁₆	11 ⁵ / ₈	4 ⁷ / ₈	3 ³ / ₄ + TT	1 ¹ / ₂	1 ¹ / ₄
											6 ¹ / ₂ or more	39 ⁹ / ₁₆	11 ⁵ / ₈	9 ¹ / ₂			
50 - 63	26 ³ / ₁₆	1 ⁵ / ₁₆	7 ⁷ / ₈	17 ¹ / ₁₆	11 ¹ / ₄	19 ³ / ₄	1 ⁵ / ₁₆	14 ¹ / ₁₆	3 x 3 x 3 ³ / ₈	1 ³ / ₈	8 or less	45 ⁹ / ₁₆	15 ³ / ₈	6 ⁷ / ₈	4 ¹ / ₄ + TT	3 ³ / ₄	2 ¹ / ₄
											8 ¹ / ₂ to 11	53 ⁹ / ₁₆	23 ³ / ₈	6 ⁷ / ₈			
											11 ¹ / ₂ or more	53 ⁹ / ₁₆	23 ³ / ₈	12 ¹ / ₄			
64 - 74	35 ³ / ₄	3 ³ / ₄	5 ¹ / ₄	22 ⁹ / ₁₆	11	26 ⁷ / ₈	1 ⁹ / ₁₆	14 ¹⁵ / ₁₆	3 ¹ / ₂ x 3 ¹ / ₂ x 1 ¹ / ₂	1 ⁵ / ₈	10 ¹ / ₂ or less	57 ¹ / ₂	17 ¹ / ₂	11 ⁵ / ₈	5 ³ / ₄ + TT	1 ¹ / ₄	2 ¹ / ₄
											11 or more	63	23	11 ¹ / ₄			
75 - 83	35 ³ / ₄	3 ⁵ / ₈	4 ³ / ₄	27 ⁹ / ₁₆	11	31 ¹ / ₈	1 ⁹ / ₁₆	14 ¹⁵ / ₁₆	3 ¹ / ₂ x 3 ¹ / ₂ x 1 ¹ / ₂	1 ⁵ / ₈	10 ¹ / ₂ or less	57 ¹ / ₂	17 ¹ / ₂	9	5 ³ / ₄ + TT	1 ¹ / ₂	3 ³ / ₄
											11 or more	63	23	9 ⁵ / ₈			
84 - 110	Refer to page 177																

* Rod take-out = (factor) - (TT / 2), for lever in high position.

J-ROD SELECTION CHART

Load (lbs)	0 800	801 1,500	1,501 2,540	2,541 4,000	4,001 6,100	6,101 9,400	9,401 13,400	13,401 18,300	18,301 24,700	24,701 31,000	31,001 39,000	39,001 48,000	48,001 58,000
J Rod Size	1/2	5/8	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4*

*3 1/4" is furnished with 4 UN series thread.