

Fig. 771

Sway Brace Swivel Fitting (cont.)

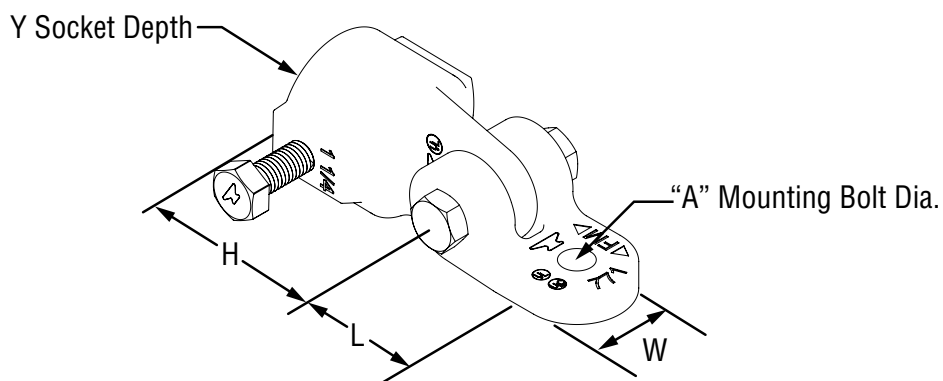


FIG. 771: WEIGHT (LBS) • DIMENSIONS (IN)

Brace Pipe Diameter Sch. 40	Bolt Diameter A	H	L	W	Y	Weight
1	1/2	2.85	1.65	1.69	1.38	1.95
1 1/4		2.98				2.28

**FIG. 771 FM MAX LOADS:
LOADS (LBS) • DIMENSIONS (IN) • ANGLES (DEGREES)**

Brace Pipe Diameter Sch. 40	Brace Angle*	FM Max Load
1 and 1 1/4	30° - 44°	1800
	45° - 59°	2500
	60° - 74°	3100
	75° - 90°	3400

**FIG. 771 UL MAX LOADS:
LOADS (LBS) • DIMENSIONS (IN)**

Brace Pipe Diameter Sch. 40	UL Max Load
1 and 1 1/4	2765

* Brace Pipe Angles are determined from vertical.

The allowable FM approved capacity of brace subassemblies have been determined by resolving the load rating to the horizontal direction and dividing by a safety factor of 1.5 to allow the values to be used directly for Allowable Stress Design.

For Load Resistance Factor Design (LRFD) capacities, the above values will need to be multiplied by 1.5.

See page 2 for notes on sway brace-seismic components concerning – installation, performance and warranty.