

CUSHION SPRING ASSEMBLY

Figure 478

Designed to provide an economical method to support piping with both vertical and axial movement as well as absorbing vibration normally found in piping systems.

Comprised of two spring coils and four steel caps the Cushion Spring Assembly is used in conjunction with our Figure 142 Two Rod Roll Hanger and drop rods, both must be ordered separately. The Figure 478 can also be used for insulated piping provided the correct saddle has been ordered from this catalog.

In selecting the correct spring size consideration should be given to weight of pipe to be supported and its contents, concentrated loads, as well as the anticipated deflection.

Material: Carbon Steel.

Finish: Plain, Painted.

Ordering: Specify drop rod diameter, spring number, figure number, and finish. For Metric applications specify Figure M478.

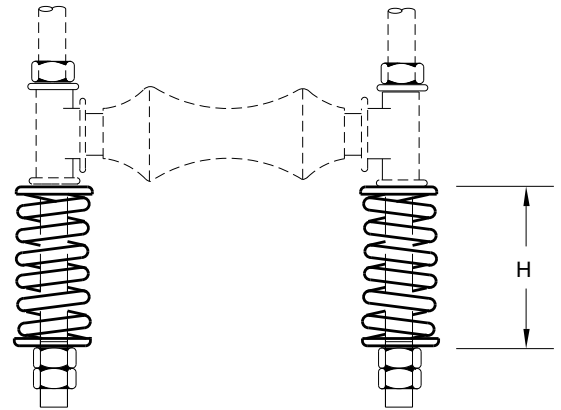


FIGURE 478 – CUSHION SPRING ASSEMBLY

SPRING NUMBER	MAXIMUM LOAD	MAXIMUM DEFLECTION	SPRING DEFLECTION	ROD SIZE	MAXIMUM ROD SIZE	H	WEIGHT EACH
1	535	1¼	428 lbs./in.	¾	¾	6¼	4.5
1	2380	32	74 N/mm	M10	M20	159	2.0
2	1500	1¼	1200 lbs./in.	½	¾	5¾	14.0
2	6673	32	208 N/mm	M12	M20	143	6.4
3	3000	1¼	3000 lbs./in.	¾	1½	8¾	22.0
3	13345	32	417 N/mm	M20	M36	225	10.0

DIMENSIONS	TEMPERATURE	LOADS	WEIGHT
INCHES	FAHRENHEIT	POUNDS	POUNDS
MILLIMETERS	CELSIUS	NEWTONS	KILOGRAMS