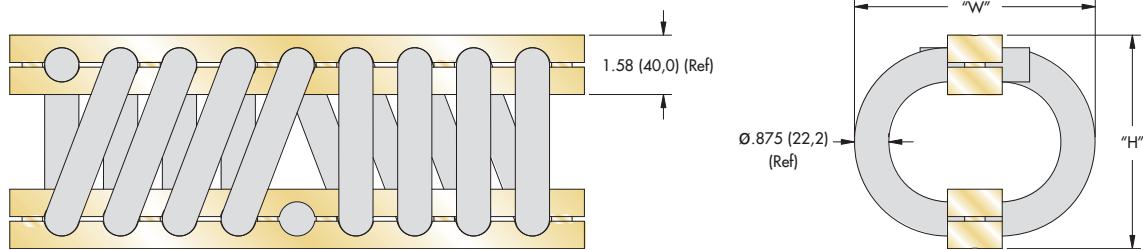


Note: Dimensions are in inches (mm)
Tolerances are ± .010 (± .25mm)



Size	Height "H" in. (mm)	Width (Ref) "W" in. (mm)	Unit Weight Lbs. (Kg)	Mounting Options	Thru Hole in. (mm)	Thread in. (mm)	C'sink Imperial (Metric)
WR28-200	5.25 (133)	5.50 (140)	18.5 (8,40)	C, D	$\begin{matrix} \text{Ø.531} & + & .005 \\ & - & .015 \\ \text{(Ø13,5} & + & 0,13 \\ & - & 0,38 \end{matrix}$	1/2-13 UNC (M12 X 1,75)	$\begin{matrix} 82^\circ \\ (90^\circ) \end{matrix}$
WR28-400	6.00 (152)	6.50 (165)	21.0 (9,53)	A, B, C, D, E, S			
WR28-600	6.25 (159)	7.00 (178)	21.8 (9,90)				
WR28-800	7.50 (191)	8.25 (210)	25.3 (11,50)				
WR28-900	8.50 (216)	9.25 (235)	28.0 (12,70)				
WR28-950	8.50 (216)	11.25 (286)	30.6 (13,90)				

Model Number Ordering Code

WR28 - 400 - 8 D H M P N R

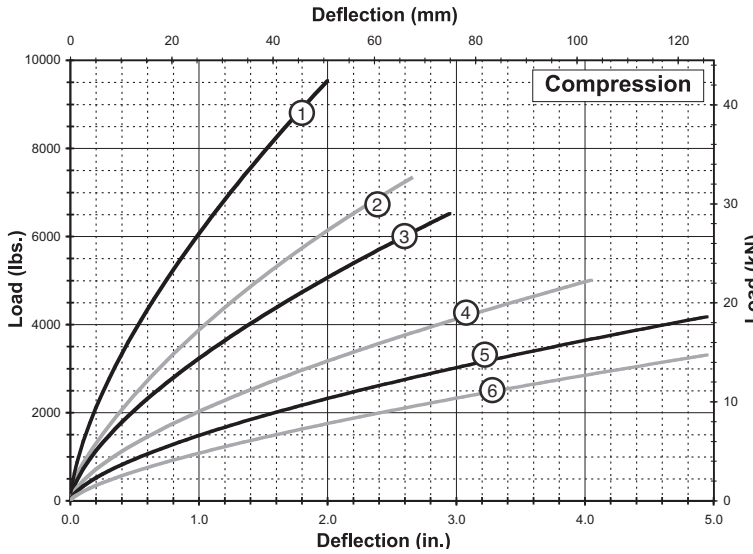
- Feature Options:
 - [] - None
 - [R] - Bellmouth Mount Bars
- Wire Rope Options:
 - *[] - 302/304 Stainless Steel (or Equiv.)
 - [G] - Galvanized Steel
 - [N] - Nylon Coated Stainless Steel
- Mount Bar Options:
 - *[] - 6061-T6 AL ALY (or Equiv.) Chem Conv. Coated
 - [Y] - 6061-T6 AL ALY (or Equiv.) Anodized
 - [P] - 302/304 Stainless Steel (or Equiv.) Passivated
- Add "M" for Metric For C'sink and Threaded Options
- Threaded Hole Options:
 - *[] - Tapped
 - [H] - Helical Insert, Free Running
 - [L] - Helical Insert, Self Locking
- Mounting Options: See Chart
- Number of Loops: 08 (Reduced Number of Loops Available)
- Isolator Size: See Sizing Table

Mounting Options

- Maximum recommended torque for threaded bar 95 ft.-lbs. (100 Nm)
- Operating Temperature Range: -150°F to 500°F (-100°C to 260°C)

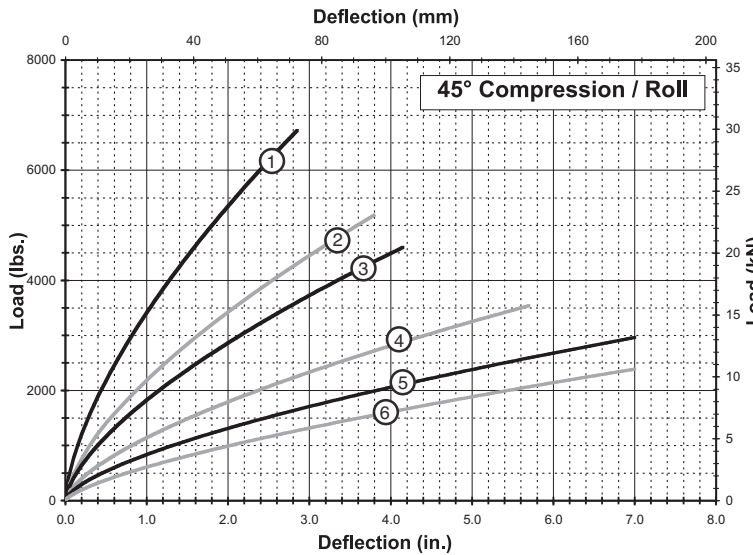
* Standard features. Any non-standard items may require longer lead times. Call for quotation.

Static Load vs. Deflection



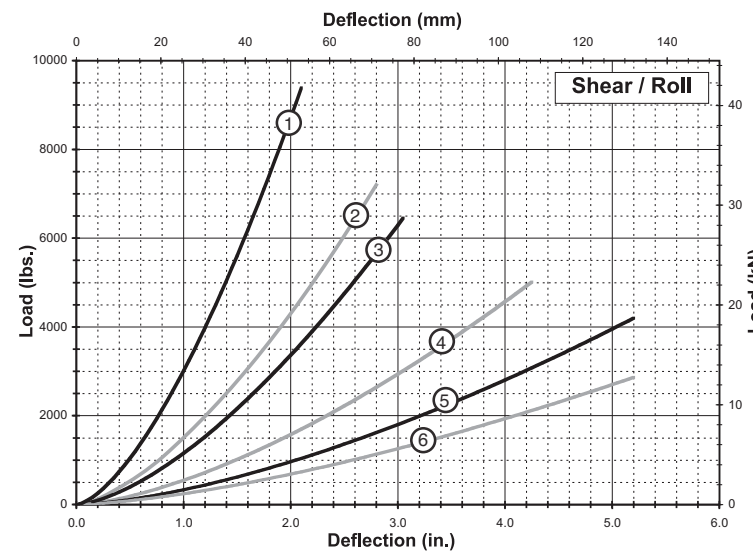
Compression

Curve	Model	Max Static Load Lbs. (kN)	Max Deflection in. (mm)	Kv (vibration) Lbs./in. (kN/m)	Ks (shock) Lbs./in. (kN/m)
1	WR28-200-08	2,760 (12,28)	2.00 (50,8)	13,490 (2 362)	5,770 (1 010)
2	WR28-400-08	2,120 (9,43)	2.65 (67,3)	8,640 (1 513)	3,340 (585)
3	WR28-600-08	1,900 (8,45)	2.95 (74,9)	7,250 (1 270)	2,680 (469)
4	WR28-800-08	1,470 (6,54)	4.05 (102,9)	4,570 (800)	1,500 (263)
5	WR28-900-08	1,220 (5,43)	4.95 (125,7)	3,340 (585)	1,030 (180)
6	WR28-950-08	840 (3,74)	4.95 (125,7)	2,150 (377)	790 (138)



45° Compression/Roll

Curve	Model	Max Static Load Lbs. (kN)	Max Deflection in. (mm)	Kv (vibration) Lbs./in. (kN/m)	Ks (shock) Lbs./in. (kN/m)
1	WR28-200-08	1,960 (8,72)	2.85 (72,4)	7,700 (1 348)	2,870 (503)
2	WR28-400-08	1,500 (6,67)	3.80 (96,5)	4,910 (860)	1,650 (289)
3	WR28-600-08	1,350 (6,01)	4.15 (105,4)	4,100 (718)	1,340 (235)
4	WR28-800-08	1,000 (4,45)	5.70 (144,8)	2,560 (448)	750 (131)
5	WR28-900-08	730 (3,25)	7.00 (177,8)	1,870 (327)	510 (89)
6	WR28-950-08	475 (2,11)	7.00 (177,8)	1,210 (212)	400 (70)



Shear/Roll

Curve	Model	Max Static Load Lbs. (kN)	Max Deflection in. (mm)	Kv (vibration) Lbs./in. (kN/m)	Ks (shock) Lbs./in. (kN/m)
1	WR28-200-08	1,380 (6,14)	2.10 (53,3)	3,530 (618)	3,530 (618)
2	WR28-400-08	795 (3,54)	2.80 (71,1)	2,030 (356)	2,030 (356)
3	WR28-600-08	650 (2,89)	3.05 (77,5)	1,660 (291)	1,660 (291)
4	WR28-800-08	365 (1,62)	4.25 (108,0)	930 (163)	930 (163)
5	WR28-900-08	250 (1,11)	5.20 (132,1)	640 (112)	640 (112)
6	WR28-950-08	170 (0,76)	5.20 (132,1)	440 (77)	440 (77)

Note: Performance provided for full loop models with standard (302/304) stainless steel cable. Consult ENIDINE for other options. Do not extrapolate curves.