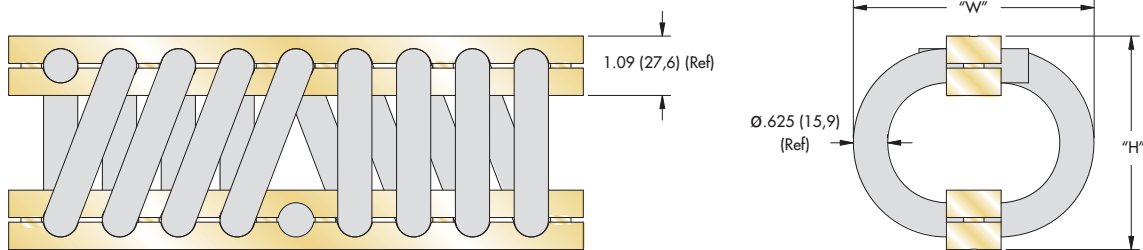


Note: Dimensions are in inches (mm)
Tolerances are ± .010 (± .25mm)



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)
WR20-200	3.50 (89)	4.00 (102)	6.62 (3,00)	C, D	Ø.433 ⁺ .005 - .015 (Ø11,0 ⁺ 0,13 - 0,38)	3/8-24 UNF (M10 X 1,5)	82° (90°)
WR20-300	3.90 (99)	4.40 (112)	7.06 (3,20)	A, B, C, D, E, S			
WR20-400	4.00 (102)	4.75 (121)	7.50 (3,40)				
WR20-600	4.30 (109)	5.31 (135)	8.16 (3,70)				
WR20-700	4.70 (119)	6.00 (152)	8.83 (4,00)				
WR20-800	5.00 (127)	6.50 (165)	9.50 (4,31)				
WR20-900	5.30 (135)	7.00 (178)	10.20 (4,63)				

Model Number Ordering Code

WR20 - 400 - 8 D H M P N R

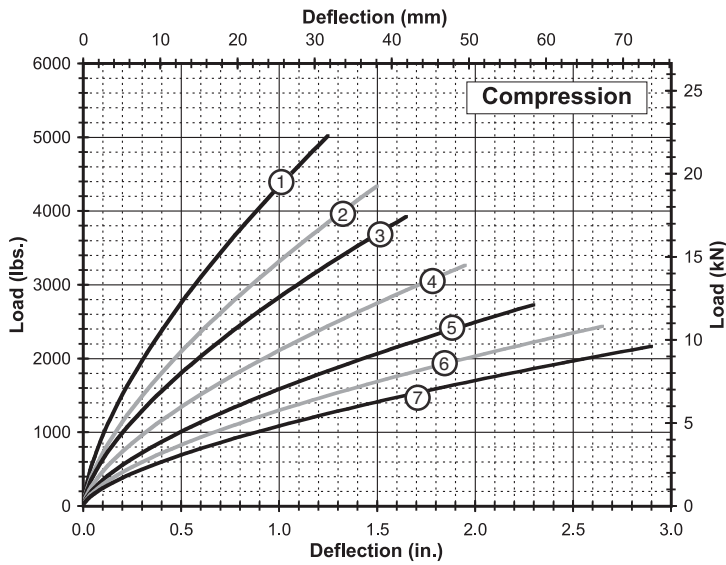
- WR20** - Feature Options:
 - * [] - None
 - [R] - Bellmouth Mount Bars
- 400** - Wire Rope Options:
 - * [] - 302/304 Stainless Steel (or Equiv.)
 - [G] - Galvanized Steel
 - [N] - Nylon Coated Stainless Steel
- 8** - Mount Bar Options:
 - * [] - 6061-T6 AL ALY (or Equiv.) Chem Conv. Coated
 - [Y] - 6061-T6 AL ALY (or Equiv.) Anodized
 - [P] - 302/304 Stainless Steel (or Equiv.) Passivated
- D** - Add "M" for Metric For C'sink and Threaded Options
- H** - Threaded Hole Options:
 - * [] - Tapped
 - [H] - Helical Insert, Free Running
 - [L] - Helical Insert, Self Locking
- M** - Mounting Options: See Chart
- P** - Number of Loops: 08 (Reduced Number of Loops Available)
- N** - Isolator Size: See Sizing Table
- R** - Feature Options: See Chart

Mounting Options

- Maximum recommended torque for threaded bar is 415 in.-lbs. (50 Nm)
- Operating Temperature Range: -150°F to 500°F (-100°C to 260°C)

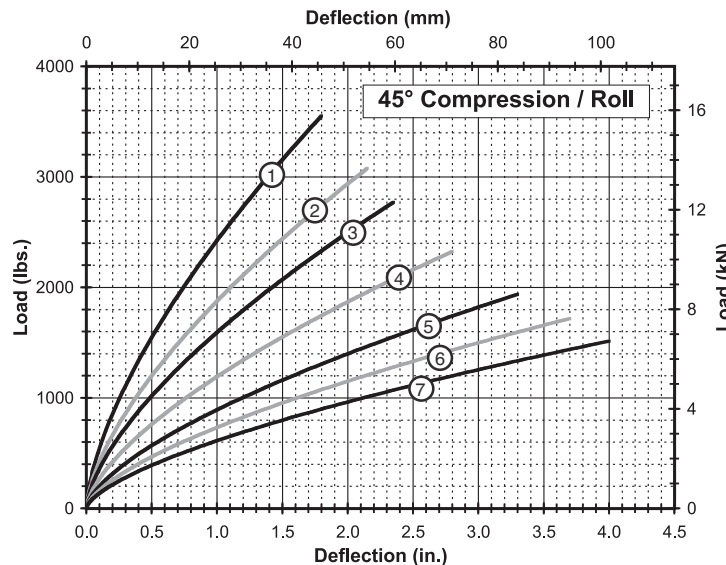
* Standard features. Any non-standard items may require longer lead times. Call for quotation.

Static Load vs. Deflection



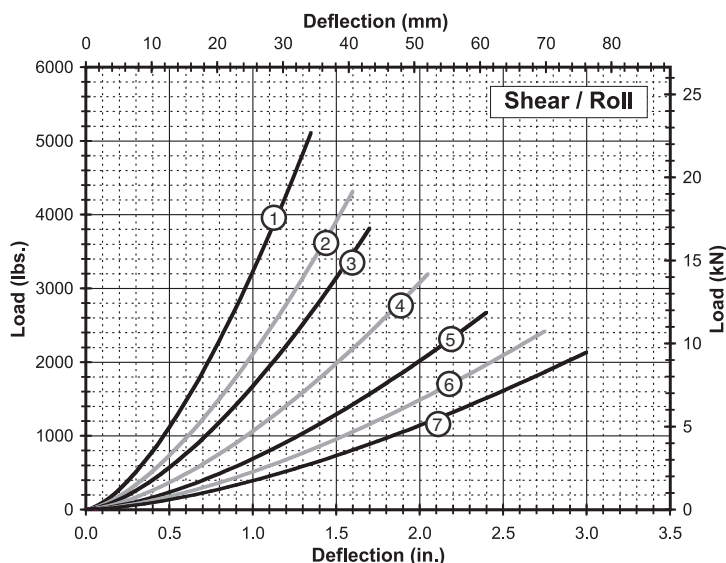
Compression

Curve	Model	Max Static Load Lbs. (N)	Max Deflection in. (mm)	Kv (vibration) Lbs./in. (kN/m)	Ks (shock) Lbs./in. (kN/m)
1	WR20-200-08	1,450 (6 450)	1.25 (31,8)	9,570 (1 676)	4,850 (849)
2	WR20-300-08	1,230 (5 471)	1.50 (38,1)	7,190 (1 259)	3,480 (609)
3	WR20-400-08	1,140 (5 071)	1.65 (41,9)	6,310 (1 105)	2,880 (504)
4	WR20-600-08	945 (4 204)	1.95 (49,5)	4,690 (821)	2,030 (356)
5	WR20-700-08	790 (3 514)	2.30 (58,4)	3,520 (616)	1,440 (252)
6	WR20-800-08	715 (3 180)	2.65 (67,3)	2,920 (511)	1,120 (196)
7	WR20-900-08	630 (2 802)	2.90 (73,7)	2,440 (427)	910 (159)



45° Compression/Roll

Curve	Model	Max Static Load Lbs. (N)	Max Deflection in. (mm)	Kv (vibration) Lbs./in. (kN/m)	Ks (shock) Lbs./in. (kN/m)
1	WR20-200-08	1,020 (4 537)	1.80 (45,7)	5,430 (951)	2,390 (419)
2	WR20-300-08	895 (3 981)	2.15 (54,6)	4,230 (741)	1,740 (305)
3	WR20-400-08	805 (3 581)	2.35 (59,7)	3,580 (627)	1,430 (250)
4	WR20-600-08	670 (2 980)	2.80 (71,1)	2,670 (468)	1,010 (177)
5	WR20-700-08	560 (2 491)	3.30 (83,8)	2,000 (350)	710 (124)
6	WR20-800-08	505 (2 246)	3.70 (94,0)	1,630 (285)	560 (98)
7	WR20-900-08	445 (1 979)	4.00 (101,6)	1,360 (238)	460 (81)



Shear/Roll

Curve	Model	Max Static Load Lbs. (N)	Max Deflection in. (mm)	Kv (vibration) Lbs./in. (kN/m)	Ks (shock) Lbs./in. (kN/m)
1	WR20-200-08	790 (3 514)	1.35 (34,3)	2,990 (524)	2,990 (524)
2	WR20-300-08	680 (3 025)	1.60 (40,6)	2,140 (375)	2,140 (375)
3	WR20-400-08	590 (2 624)	1.70 (43,2)	1,760 (308)	1,760 (308)
4	WR20-600-08	480 (2 135)	2.05 (52,1)	1,230 (215)	1,230 (215)
5	WR20-700-08	340 (1 512)	2.40 (61,0)	870 (152)	870 (152)
6	WR20-800-08	275 (1 223)	2.75 (69,9)	700 (123)	700 (123)
7	WR20-900-08	220 (979)	3.00 (76,2)	560 (98)	560 (98)

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