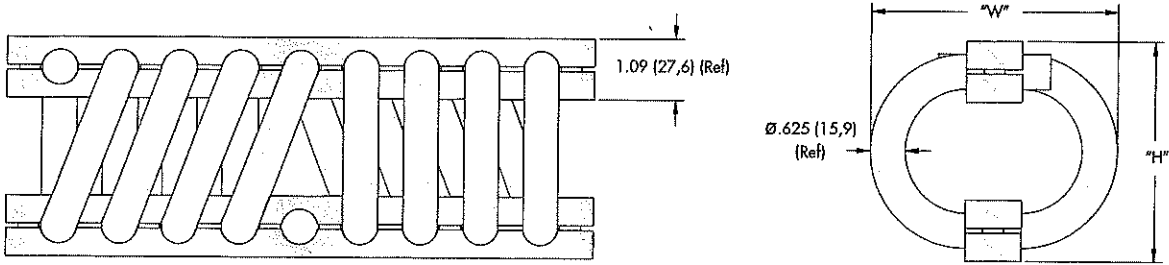
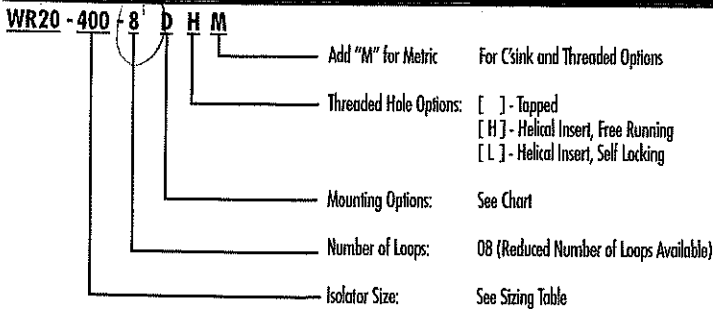


Note: Dimensions are in inches (mm)
Tolerances are ± .010 (± .25mm)

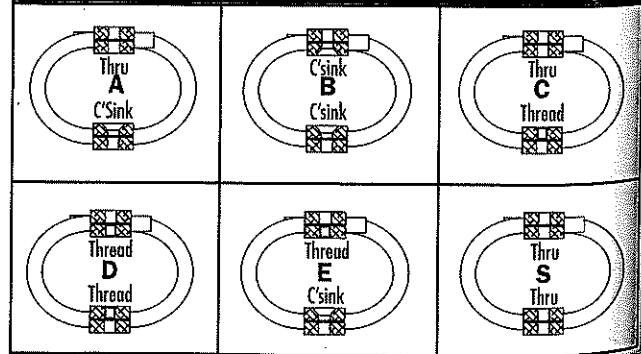


Size	Height "H" in. (mm)	Width (Ref) "W" in. (mm)	Unit Weight Lbs. (Kg)	Mounting Options	Thru Hole in. (mm)	Thread in. (mm)	C'sink Imperial (Metric)
WR20-200	3.50 (89)	4.00 (102)	6.62 (3,00)	C, D	Ø.433 ⁺ .005 - .015 (Ø11,0 ⁺ 0,13 - 0,38)	3/8-24 UNF (M10 X 1,5)	82° (90°)
WR20-300	3.90 (99)	4.40 (112)	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



Mounting Options

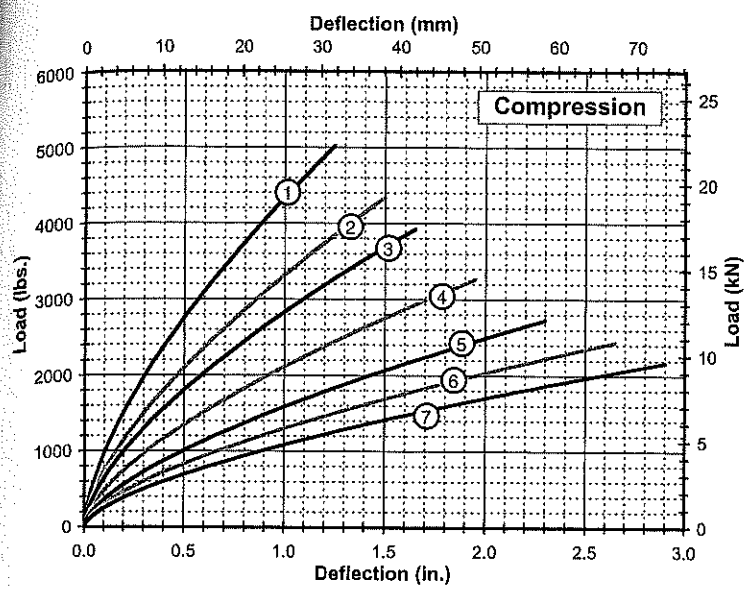


Wire Rope Special Options

Optional materials for the wire rope and mount bars are available upon request. Possibilities include galvanized rope, ball mouth mount bars or stainless steel rope and mount bars. Please contact ITT Enidine to discuss in more detail. Minimum purchase quantities may apply. See page 5.

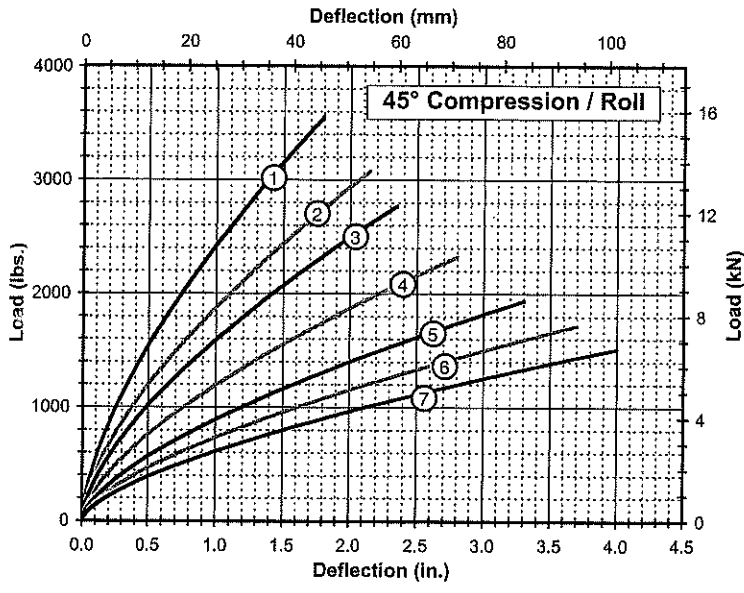
- Maximum recommended torque for threaded bar is 415 in.-lbs. (50 Nm)
- Operating Temperature Range: -150°F to 500°F (-100°C to 260°C)

Static Load vs. Deflection



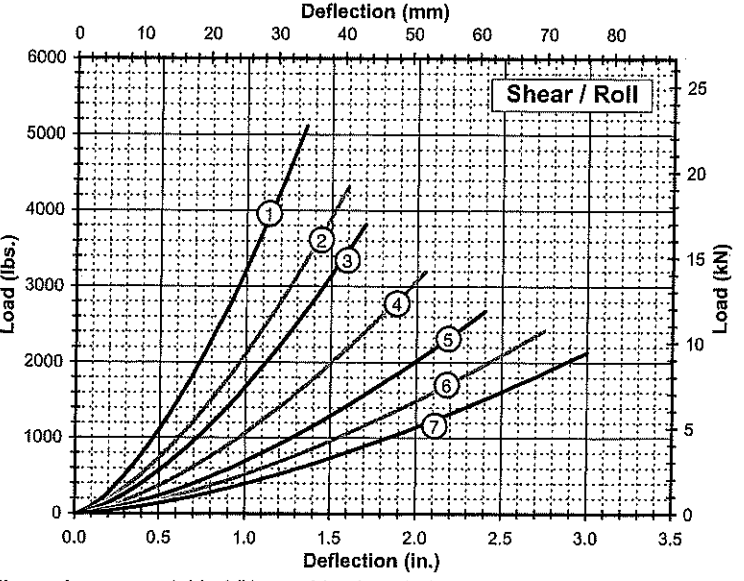
Compression

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 ITT ENIDINE for other options. Do not extrapolate curves.