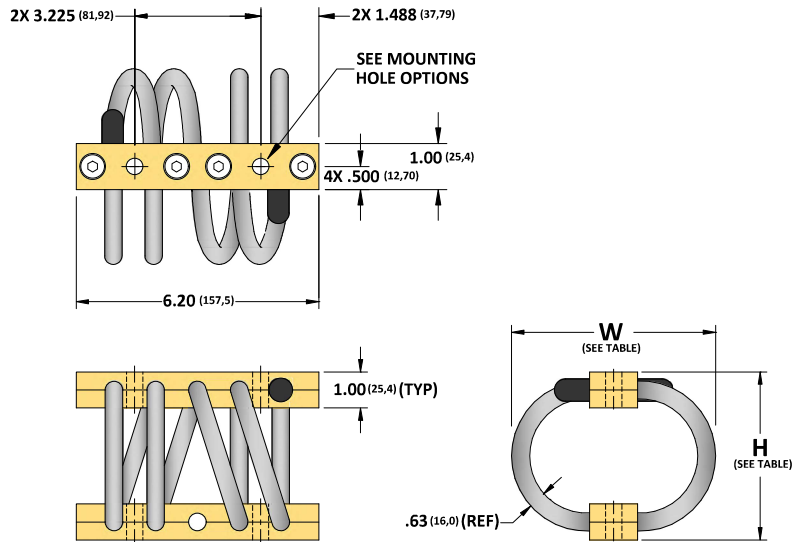




PART NUMBER	DIMENSIONS in (mm)		ISOLATOR WEIGHT lbs (kg)	COMPRESSION			SHEAR/ROLL (AVG)		
	H ±.06	W (REF)		Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)	Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)
SB20-350-04-[]	3.50 (88,9)	4.00 (101,6)	3.18 (1.44)	3505	1748	1.20	1080	876	1.20
SB20-390-04-[]	3.90 (99,1)	4.40 (111,8)	3.25 (1.48)	2832	1358	1.60	737	679	1.60
SB20-430-04-[]	4.30 (109,2)	5.30 (134,6)	3.50 (1.59)	2245	880	2.00	477	451	2.00
SB20-470-04-[]	4.70 (119,4)	6.00 (152,4)	4.12 (1.87)	1266	581	2.40	294	301	2.40
SB20-500-04-[]	5.00 (127,0)	6.50 (165,1)	4.37 (1.98)	1014	458	2.70	279	248	2.70
SB20-530-04-[]	5.30 (134,6)	7.00 (177,8)	4.65 (2.11)	919	354	3.00	199	202	3.00
SB20-600-04-[]	6.00 (152,4)	7.75 (196,8)	5.10 (2.32)	746	248	3.70	125	138	3.70

NOTES, FEATURES, MATERIALS/FINISHES

NOTES:

- MOUNTING HOLE TOLERANCES: ± 0.010 (± 0.25 mm).
- ALL DIMENSIONS IN PARENTHESIS ARE METRIC (mm).
- SPECIALS AVAILABLE UPON REQUEST (MATERIALS, SIZE, MOUNTING HOLES, FINISH, ETC...)
- ADD 1.34lbs (.61kg) TO ISOLATOR WEIGHT FOR ALL-STAINLESS STEEL VERSIONS.

FEATURES:

- RUGGED ALL METAL CONSTRUCTION
- UNEQUALLED TEMP. RANGE: -200°F TO 500°F
- THREE AXIS CAPABILITY (6 DOF)
- FAIL SAFE CONSTRUCTION
- HIGH DAMPING: C/Cc $\approx$.15-.20
- LONG LIFE AND MAINTENANCE FREE

MATERIALS/FINISHES:

- CABLE: 300 SERIES SS PER MIL-W-83420 OR RR-W-410
- SCREWS: 300 SERIES SS PASSIVATED IAW ASTM A967
- INSERTS: 300 SERIES SS (ALUM BARS ONLY)
- RETAINER BARS: SEE BELOW

MODEL NUMBER EXAMPLE

SB20 - 430 - 04 - - E

MOUNTING HOLES

- SEE MOUNTING HOLE OPTIONS.
- ADD 'M' TO END OF P/N FOR METRIC MOUNTING HOLES.
- ADD 'L' TO END OF P/N FOR LOCKING INSERTS. (N/A FOR SS BARS)

BAR MATERIAL/FINISH

- [] = 6061-T6 ALUM ALLOY/CHEM FILM IAW MIL-DTL-5541, TYPE II, CLASS 3.
- [H] = 6061-T6 ALUM ALLOY/ANODIZED IAW MIL-A-8625, TYPE II CLASS 1.
- [S] = 300 SERIES SS/PASSIVATED IAW ASTM A967.

NO. OF LOOPS

- 4 LOOPS STANDARD FOR THE SB20 SERIES.
- ISOLATOR SPRING RATES ARE DIRECTLY PROPORTIONAL TO NO. OF CABLE LOOPS.

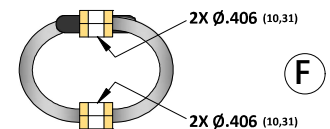
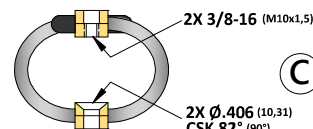
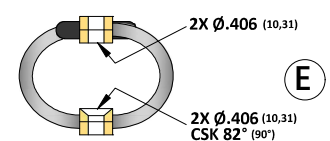
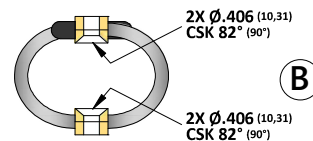
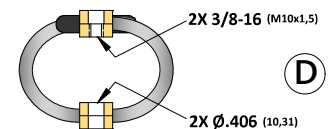
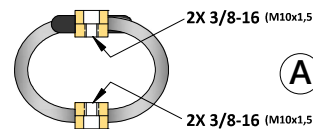
MODEL SIZE

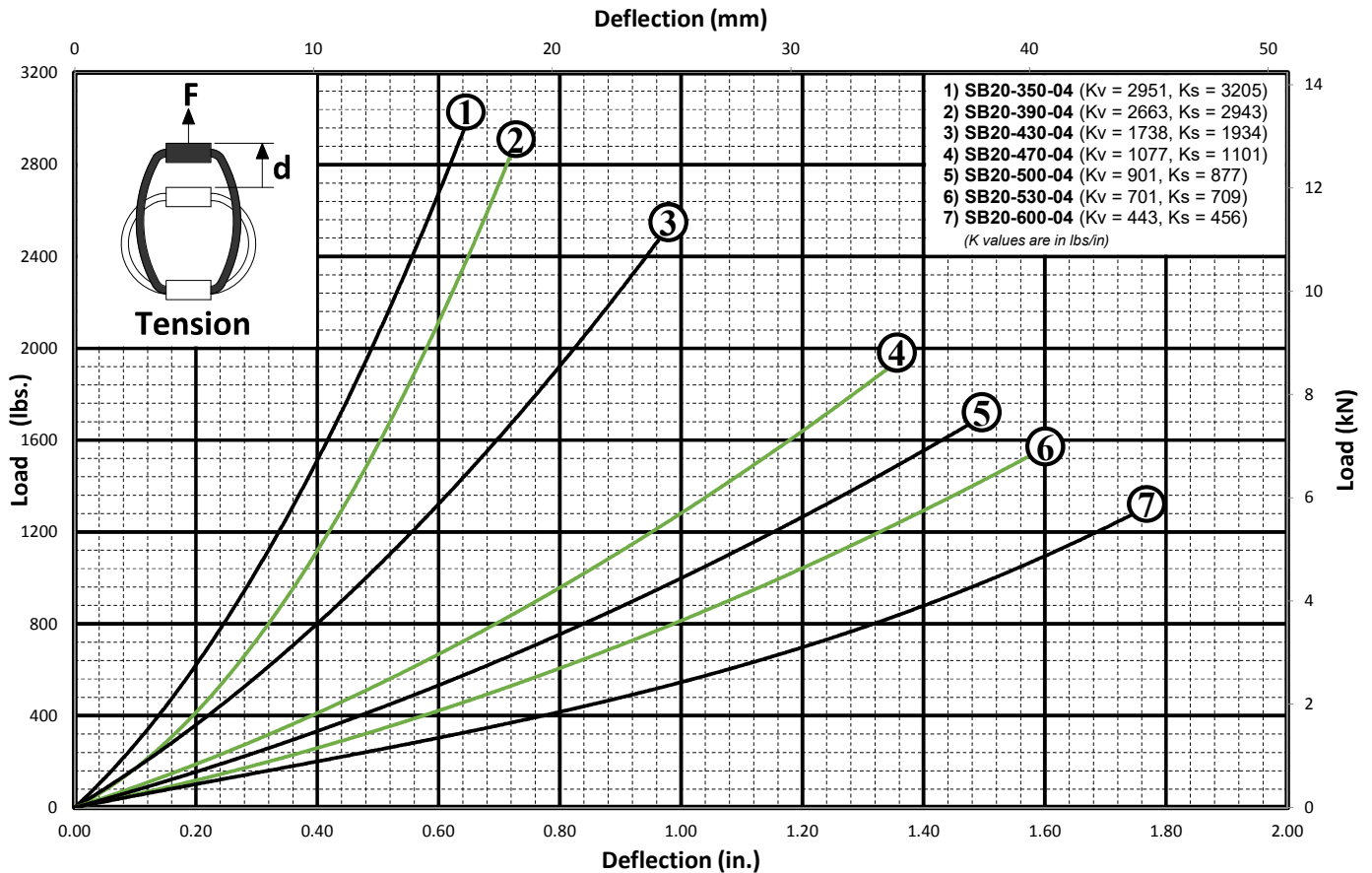
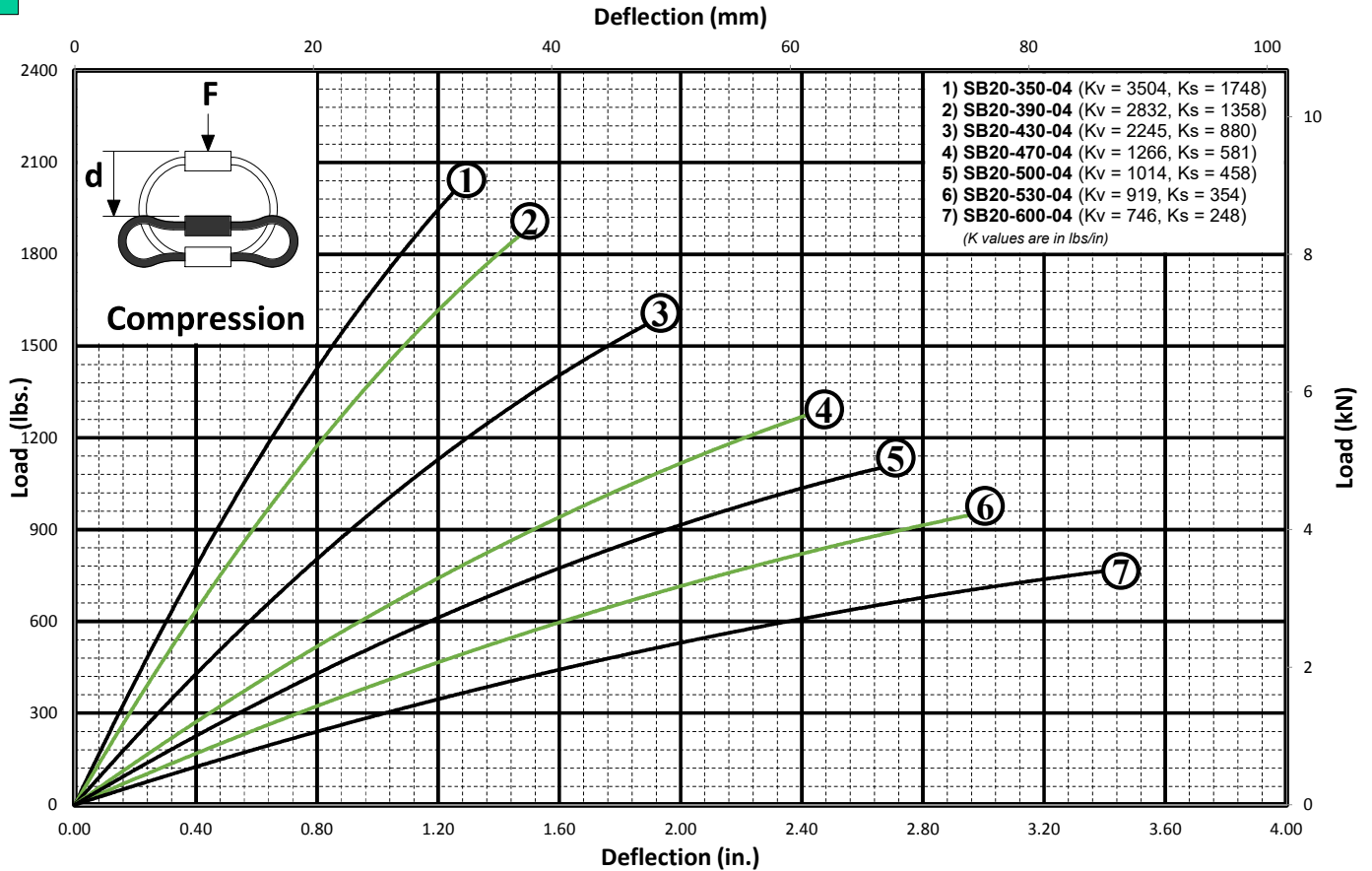
- BASED ON ISOLATOR HEIGHT

SERIES

- CABLE DIAMETER IN 32NDS

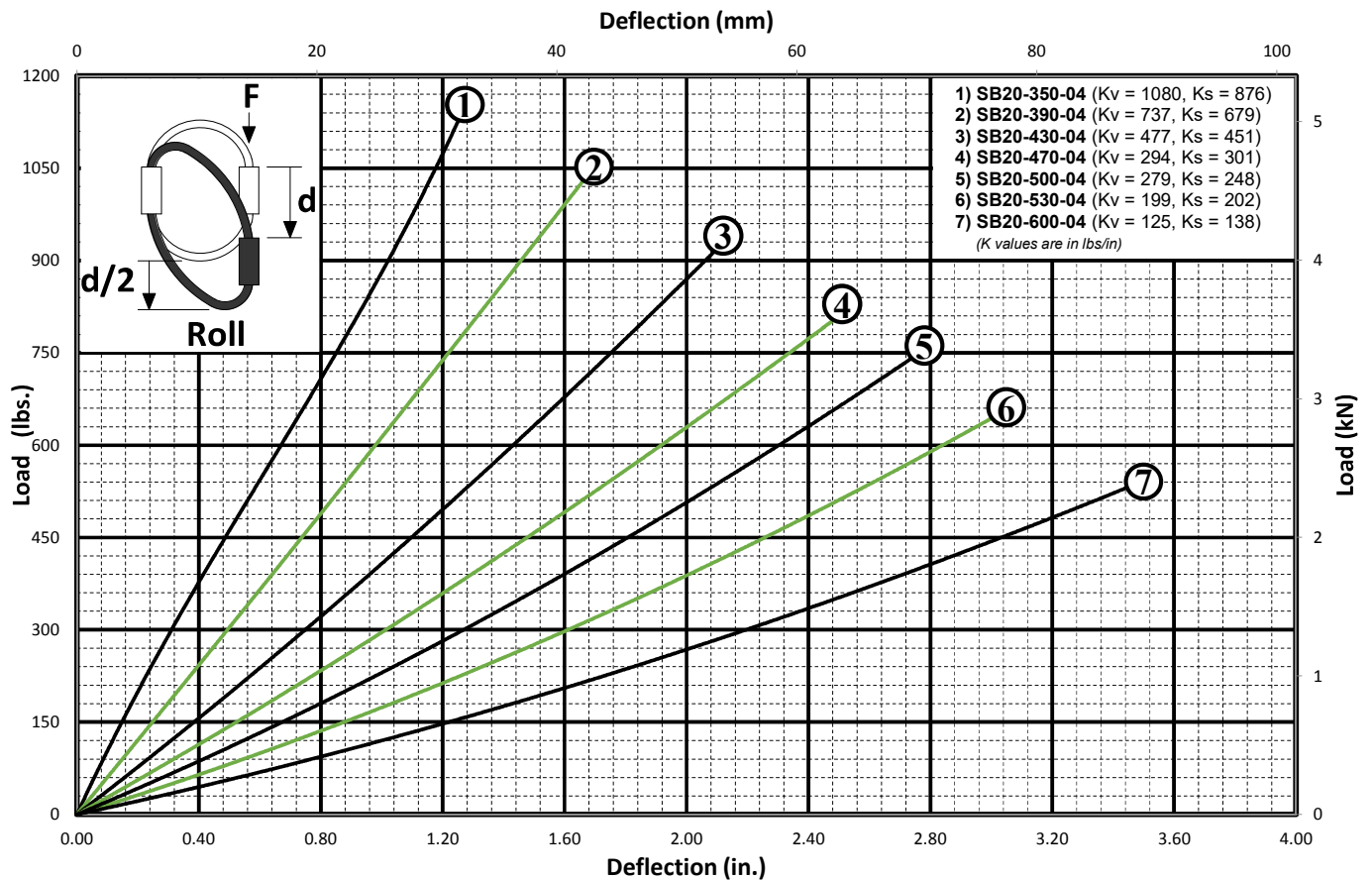
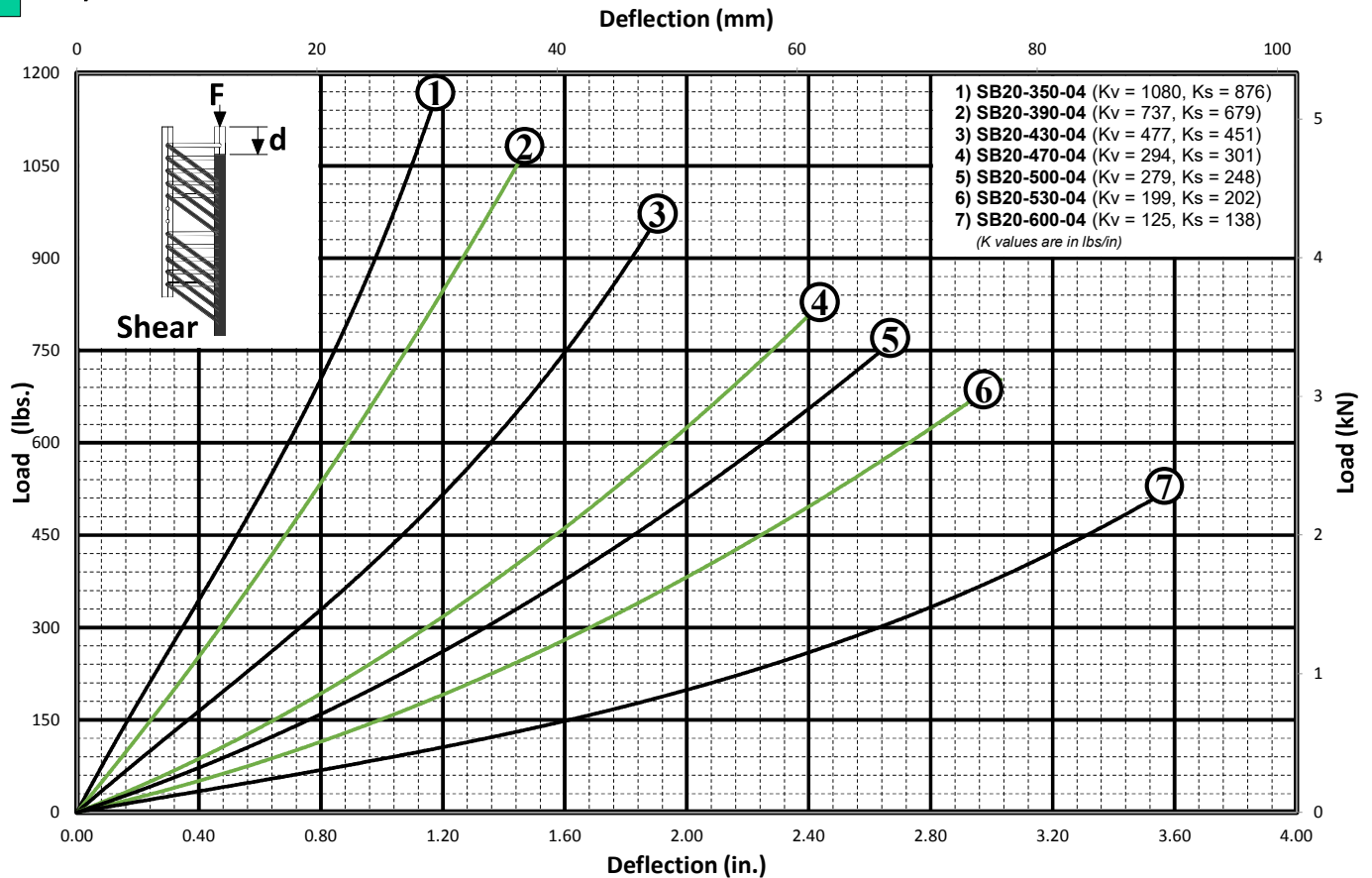
MOUNTING HOLE OPTIONS





5/8" DIAMETER CABLE

Helical Isolator



5/8" DIAMETER CABLE

Helical Isolator

