

PART NUMBER	DIMENSIONS in (mm)		ISOLATOR WEIGHT oz (gms)	COMPRESSION			SHEAR/ROLL (AVG)		
	H ±.03	W (REF)		Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)	Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)
SB6A-200-05-[]	2.00 (50,8)	2.28 (57,9)	3.1 (89)	209	150	1.00	69	75	1.00
SB6A-206-05-[]	2.06 (52,3)	2.50 (63,5)	3.2 (92)	170	124	1.05	47	65	1.05
SB6A-213-05-[]	2.13 (54,1)	2.94 (74,7)	3.4 (97)	118	83	1.10	35	46	1.10
SB6A-219-05-[]	2.19 (55,6)	3.19 (81,0)	3.7 (105)	82	60	1.15	29	38	1.15
SB6A-245-05-[]	2.45 (62,2)	3.45 (87,6)	3.9 (109)	76	50	1.60	13	29	1.60
SB6A-320-05-[]	3.20 (81,3)	4.20 (106,7)	4.7 (132)	40	22	2.20	8	15	2.20

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 .18lbs (.08kg) 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 PER MS51959-28
- INSERTS: 300 SERIES SS (ALUM BARS ONLY)
- RETAINER BARS: SEE BELOW

MODEL NUMBER EXAMPLE

SB6A - 219 - 05 - - 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

- 5 LOOPS STANDARD FOR THE SB6A SERIES.
- ISOLATOR SPRING RATES ARE DIRECTLY PROPORTIONAL TO NO. OF CABLE LOOPS.

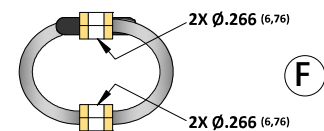
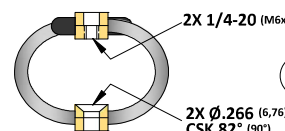
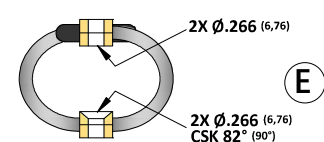
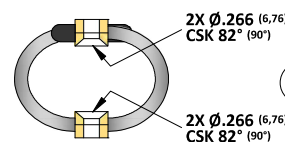
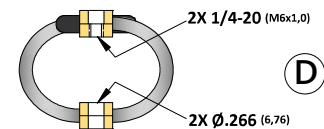
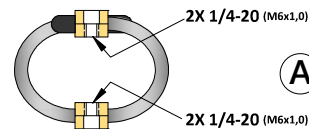
MODEL SIZE

- BASED ON ISOLATOR HEIGHT

SERIES

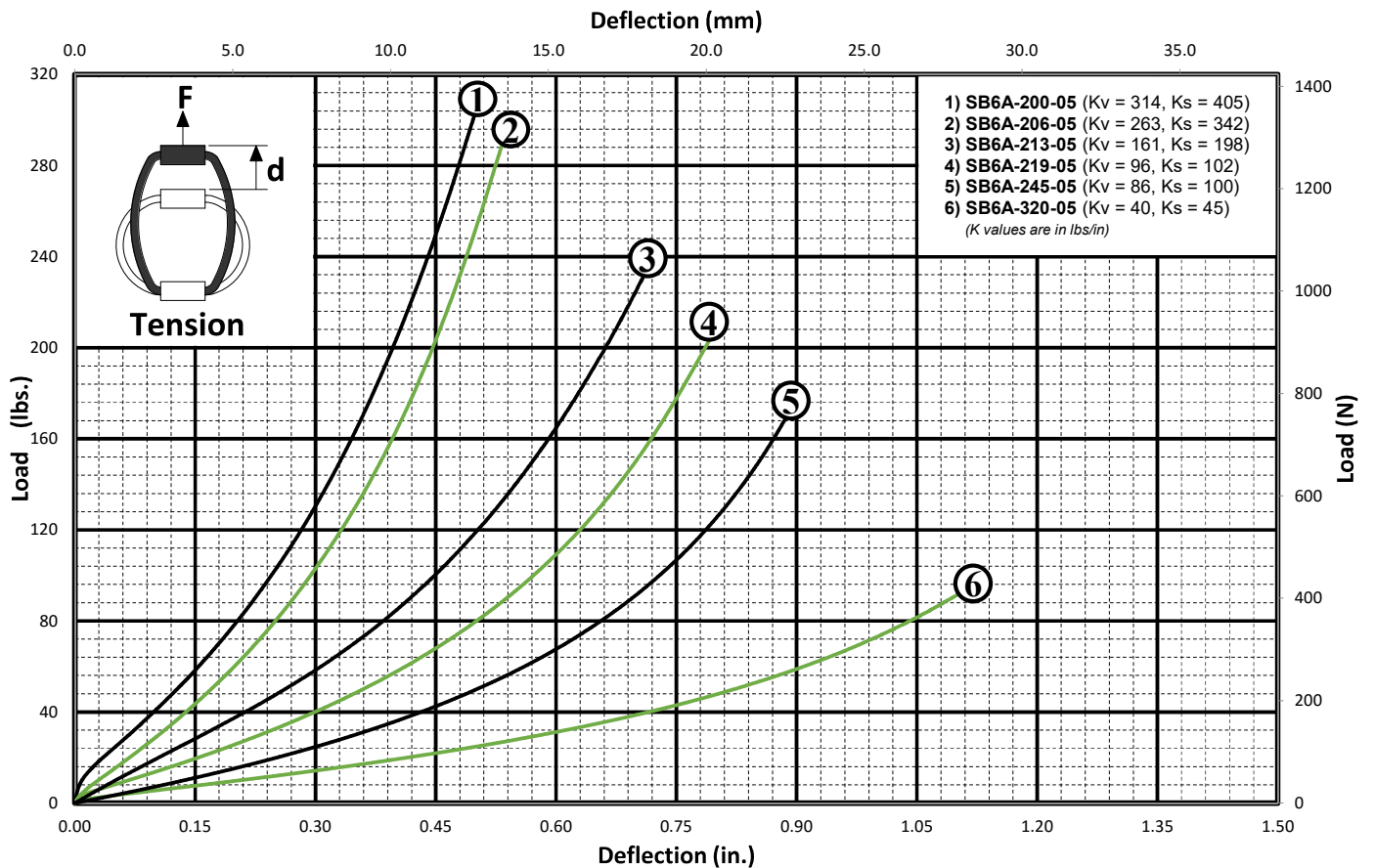
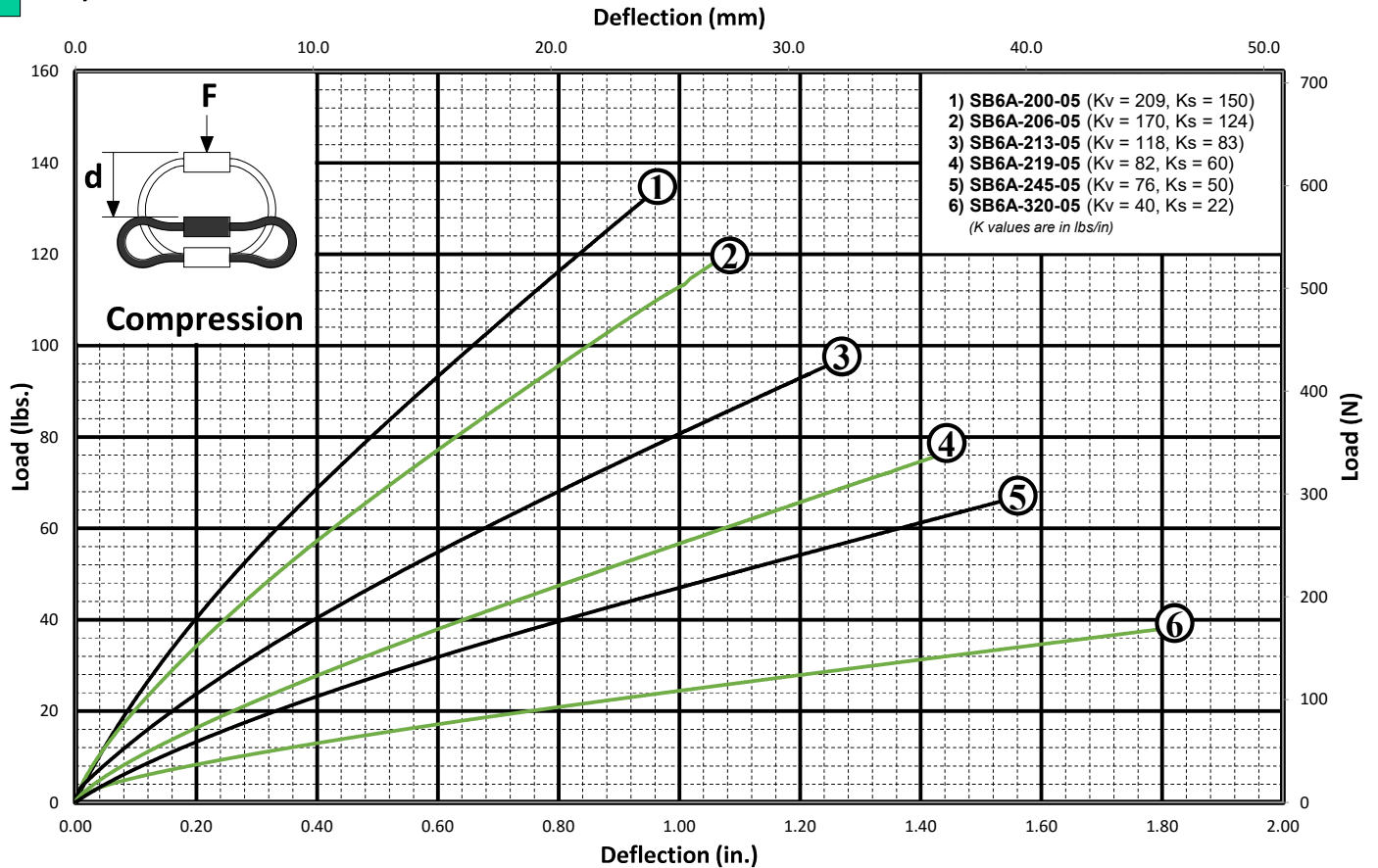
- CABLE DIAMETER IN 32NDS

MOUNTING HOLE OPTIONS



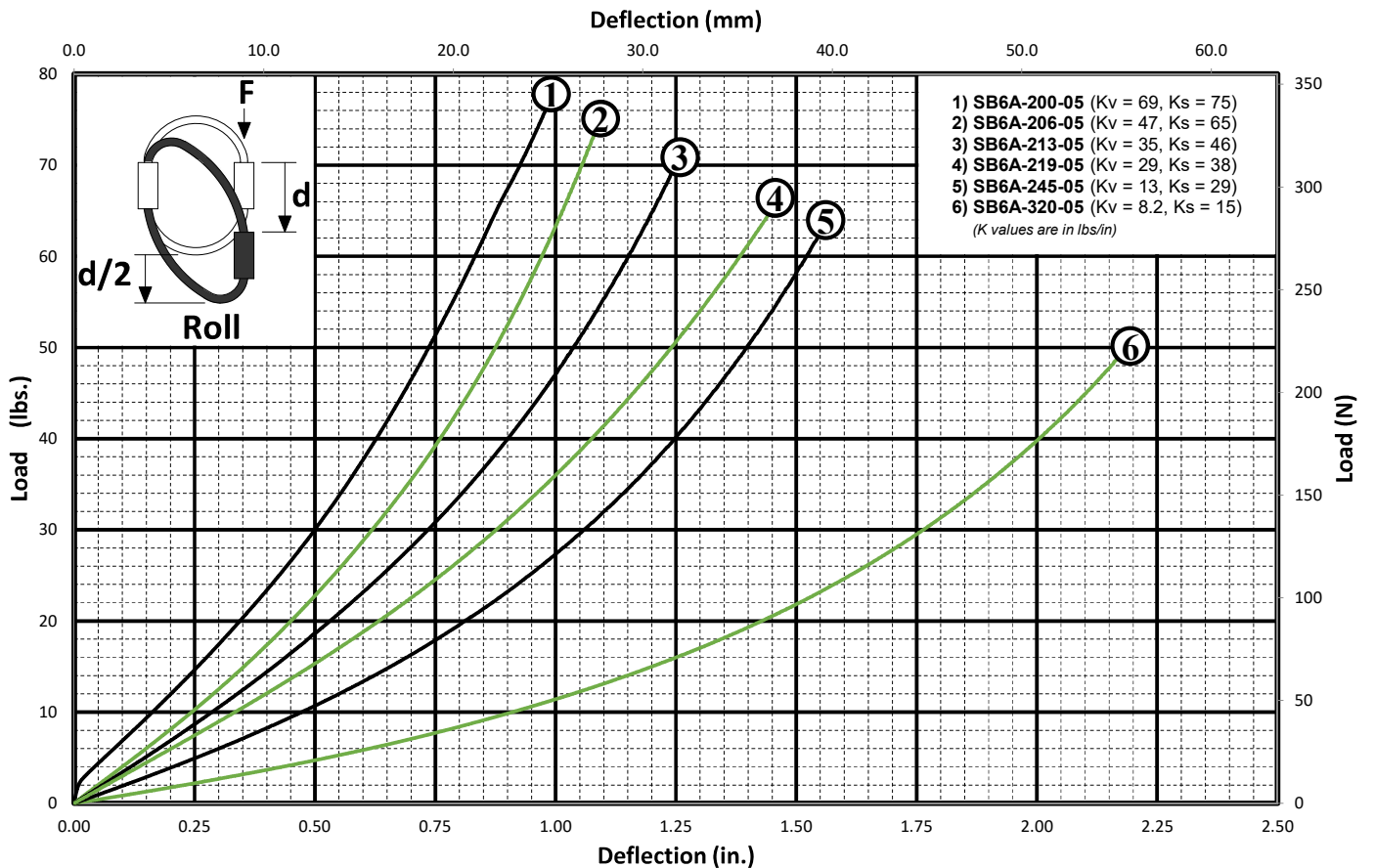
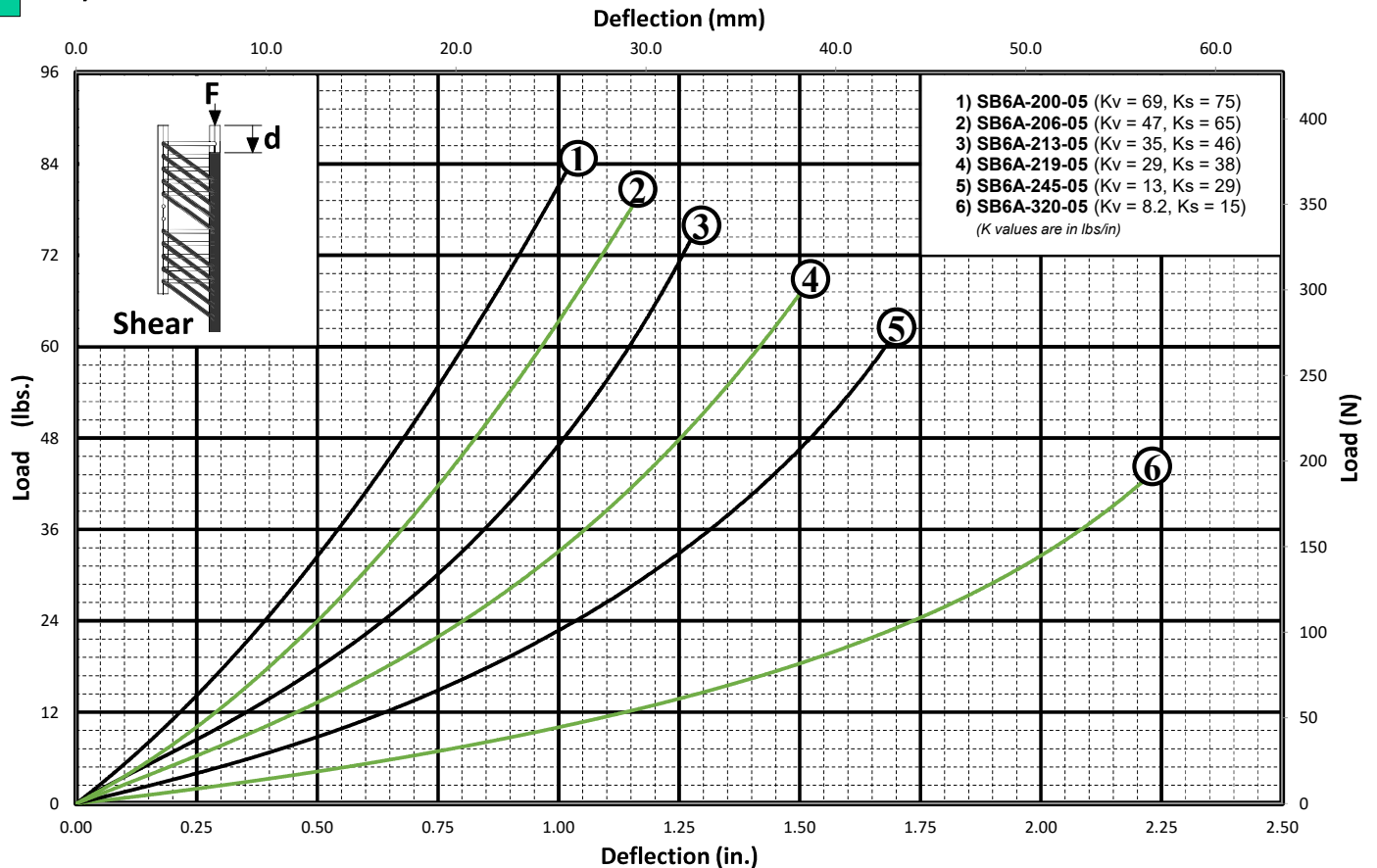
3/16" DIAMETER CABLE

Helical Isolator



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