

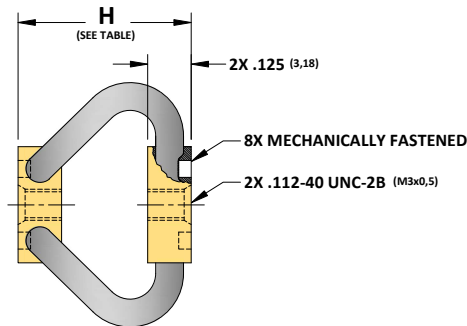
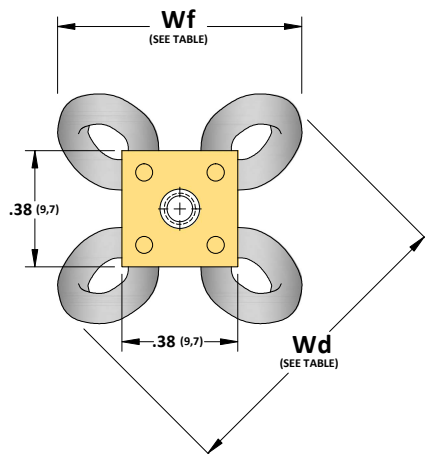


SM2 SERIES

1/16" DIAMETER CABLE

Design Data Sheet

Square Mount Isolator



NOTES, FEATURES, MATERIALS/FINISHES

NOTES:

- ALL DIMENSIONS IN PARENTHESIS ARE METRIC (mm)
- SPECIALS AVAILABLE UPON REQUEST (MATERIALS, SIZE, MOUNTING HOLES, FINISH, ETC...)
- ADD 'M' TO END OF PART NUMBER FOR METRIC INSERTS

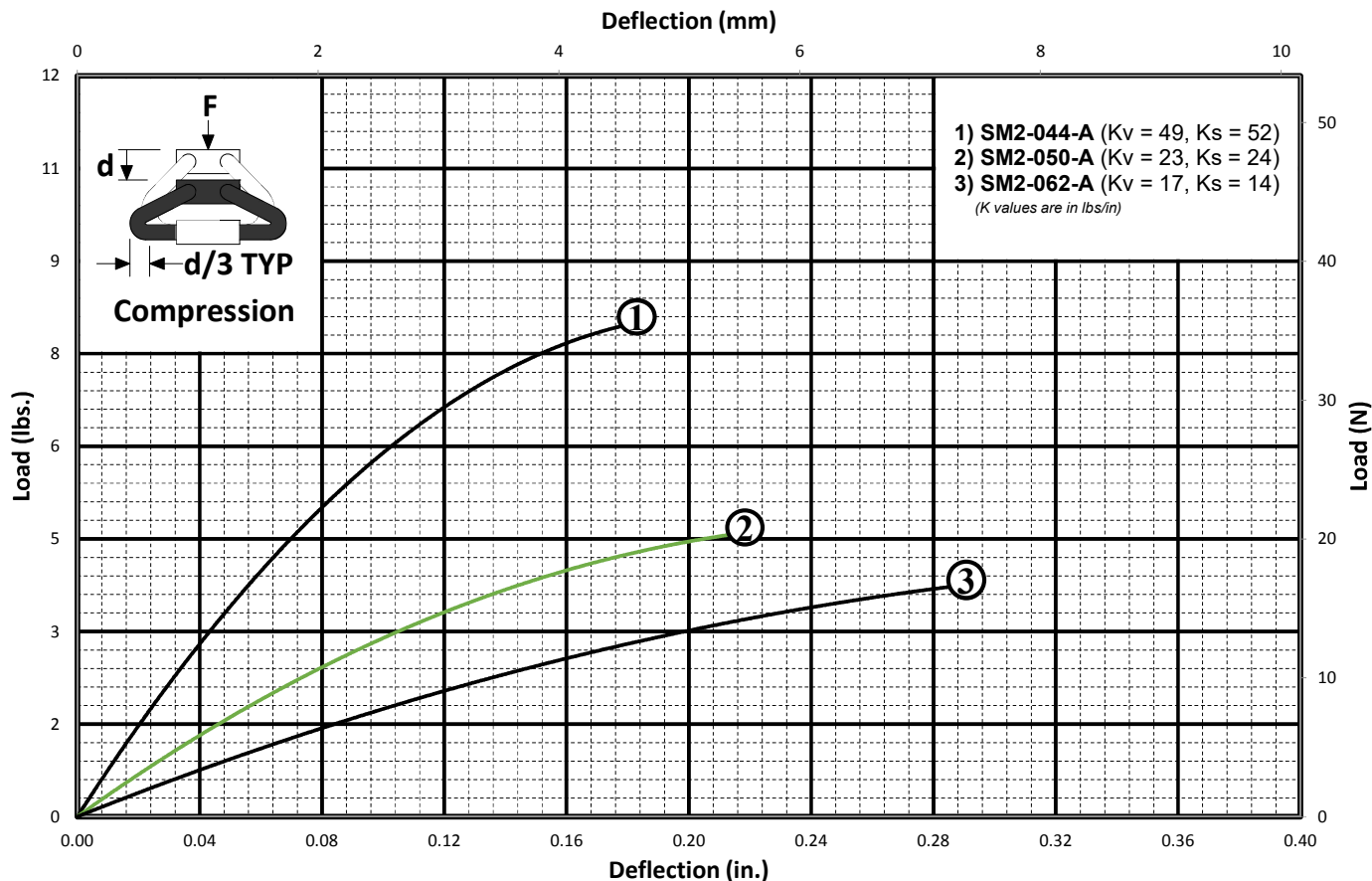
FEATURES:

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

MATERIALS/FINISHES:

- CABLE: 300 SERIES SS PER MIL-W-83420 OR RR-W-410
- INSERTS: 300 SERIES SS PER MS122076
- RETAINER BARS: 6063-T52 ALUMINUM ALLOY/CHEM FILM IAW MIL-C-5541, CLASS 1A

PART NUMBER	DIMENSIONS in (mm)			ISOLATOR WEIGHT oz (gms)	COMPRESSION		ROLL		COMPRESSION/ROLL	
	H ±.03	Wf (REF)	Wd (REF)		Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)
SM2-044-A	0.44 (11,2)	0.68 (17,3)	0.87 (22,1)	0.07 (2,0)	49	52	41	48	23	23
SM2-050-A	0.50 (12,7)	0.75 (19,1)	0.75 (19,1)	0.08 (2,3)	23	24	18	21	11	10
SM2-062-A	0.62 (15,7)	0.80 (20,3)	1.00 (25,4)	0.09 (2,6)	17	14	9	16	6	4



TEL: (631) 491-5670

FAX: (631) 491-5672

www.isolator.com

E-MAIL: sales@isolator.com

CAGE: 07QQ7

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