

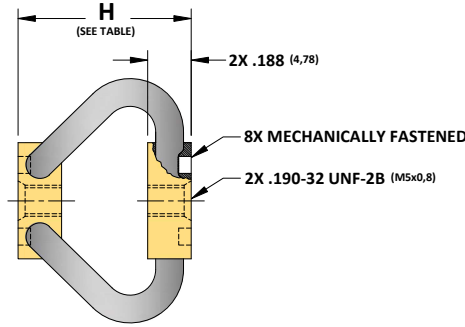
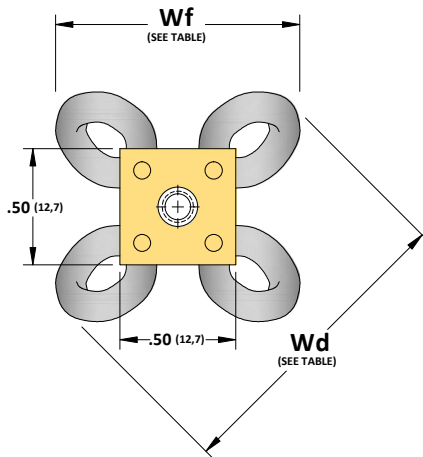


SM3 SERIES

3/32" 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

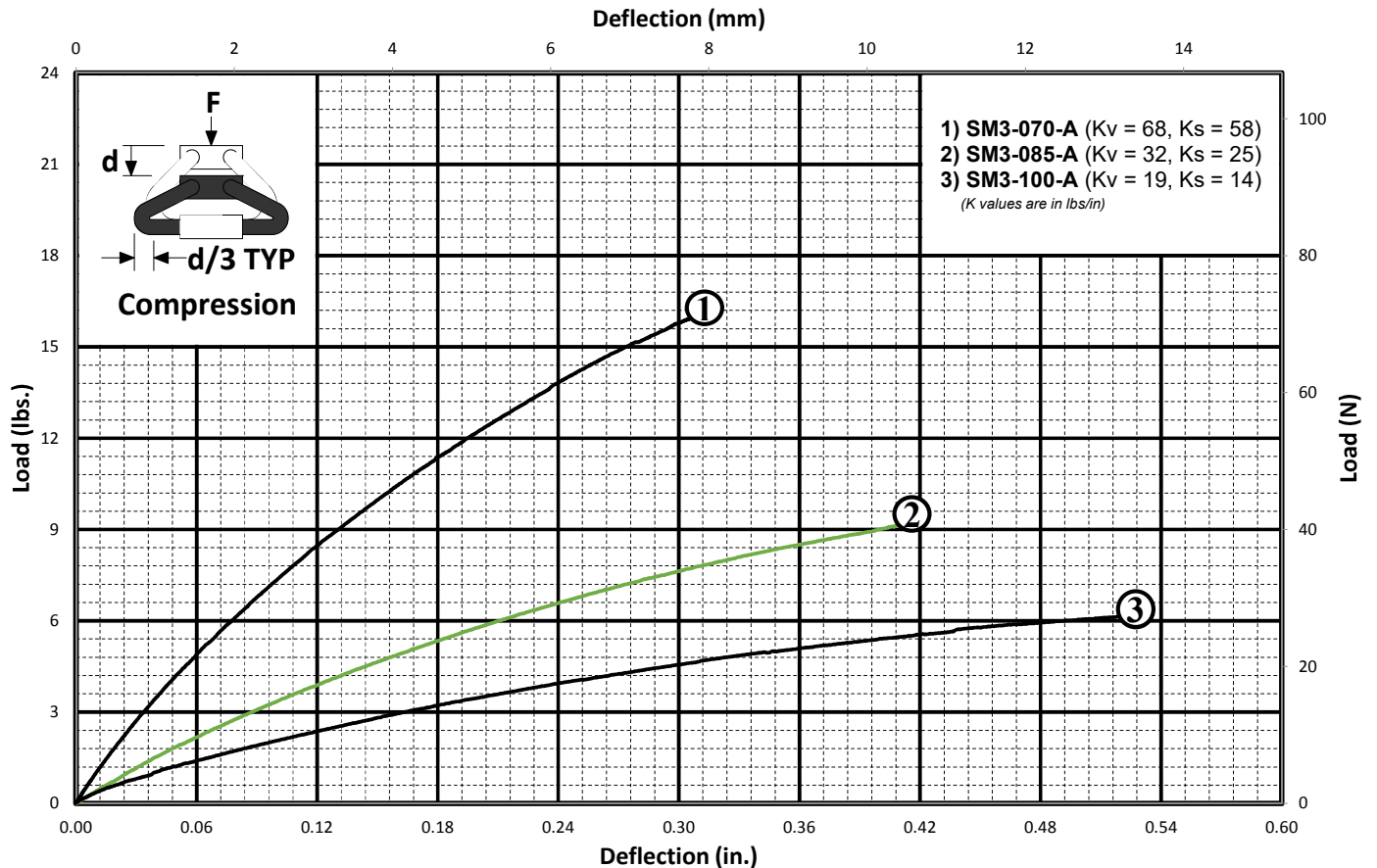
FEATURES:

- 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 MS124655
- 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)
SM3-070-A	0.70 (17.8)	1.02 (25.9)	1.32 (33.5)	0.20 (5.7)	68	58	37	42	39	31
SM3-085-A	0.85 (21.6)	1.10 (27.9)	1.46 (37.1)	0.24 (6.8)	32	25	15	19	21	15
SM3-100-A	1.00 (25.4)	1.25 (31.8)	1.61 (40.9)	0.30 (8.5)	19	14	8	12	13	8



TEL: (631) 491-5670

FAX: (631) 491-5672

www.isolator.com

E-MAIL: sales@isolator.com

CAGE: 07QQ7

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