

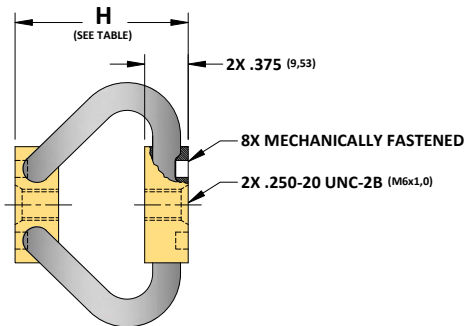
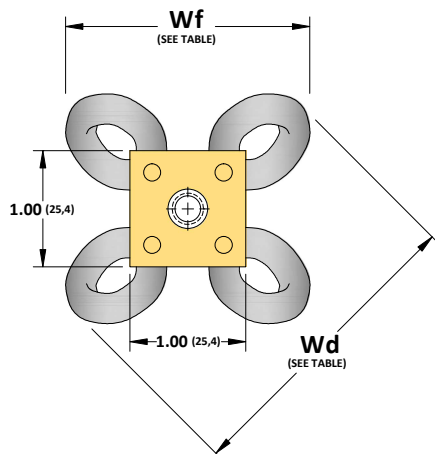


SM7 SERIES

7/32" 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

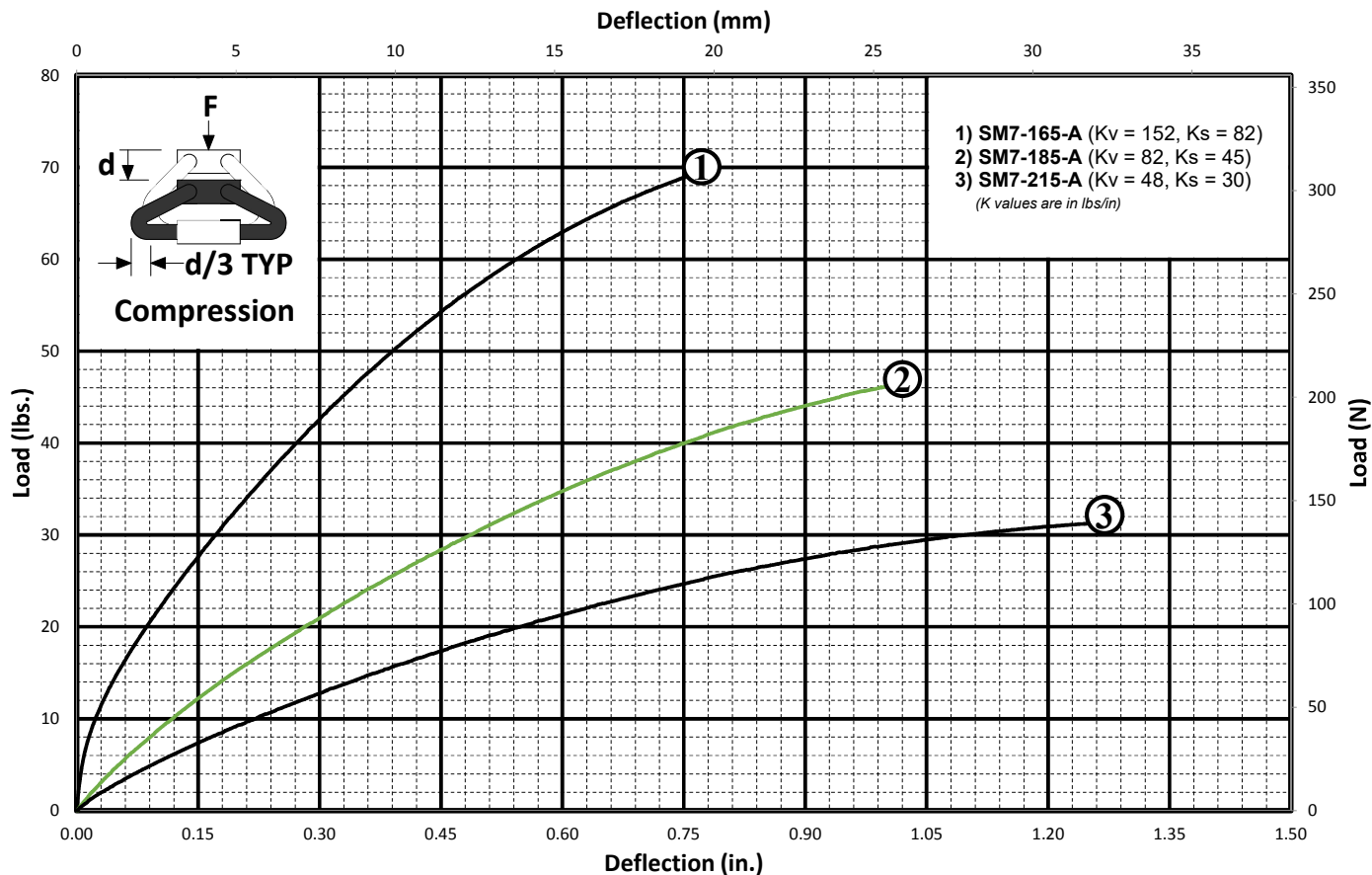
FEATURES:

- 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 MS122081
- 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)
SM7-165-A	1.65 (41,9)	2.25 (57,2)	2.98 (75,7)	2.30oz (65,3gms)	152	82	65	75	100	55
SM7-185-A	1.85 (47,0)	2.55 (64,8)	3.30 (83,8)	2.60oz (73,8gms)	82	45	32	43	51	30
SM7-215-A	2.15 (54,6)	2.80 (71,1)	3.60 (91,4)	2.70oz (76,6gms)	48	30	22	29	34	18



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