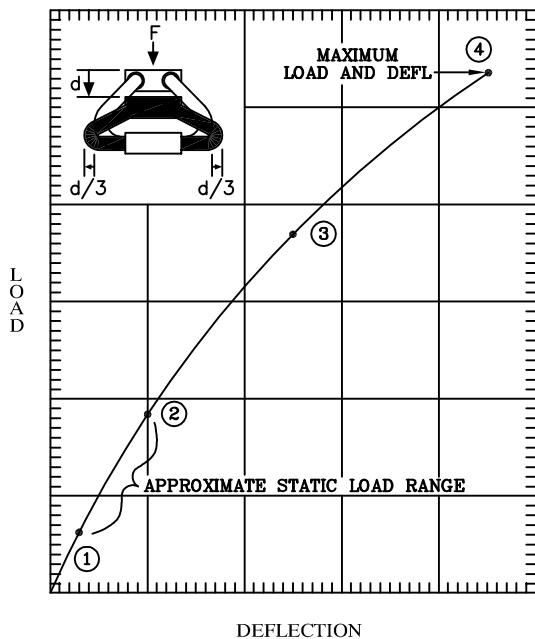


| PART NUMBER | DIMENSIONS, in. | | | ISOLATOR WEIGHT |
|---------------|-----------------|----------------|----------------|-------------------|
| | H ±.02 | Wf (REF) | Wd (REF) | |
| SM2 - 044 - A | 0.44 (11.2) | 0.70 (17.8) | 0.92 (23.4) | .08oz (2.4gms) |
| SM2 - 050 - A | 0.50 (12.7) | 0.78 (19.8) | 1.03 (26.2) | .09oz (2.6gms) |
| SM2 - 062 - A | 0.62 (15.7) | 0.84 (21.3) | 1.10 (27.9) | .10oz (2.8gms) |

- FEATURES:**
- ALL METAL CONSTRUCTION
 - UNEQUALLED TEMP. RANGE: -200°F TO 500°F
 - THREE AXIS CAPABILITY
 - MAINTENANCE FREE
 - FAIL SAFE DESIGN
 - HIGH DAMPING: C/Cc ≈ .20
 - EXCEPTIONAL RELIABILITY
- MATERIALS/FINISHES:**
- CABLE: 300 SERIES SS PER MIL-W-83420 OR RR-W-410
 - INSERTS: 300 SERIES SS PER NAS1130-04-10
 - RETAINER BARS: 6063-T52 ALUM ALLOY/CHEM FILM IAW MIL-C-5541, CLASS 1A.

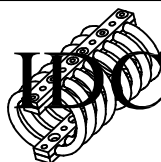
NOTES:
 1) ALL DIMENSIONS IN PARENTHESIS ARE METRIC (mm).
 2) SPECIALS AVAILABLE UPON REQUEST (MATERIALS, SIZE, MOUNTING HOLES, FINISH, ETC...)

COMPRESSION



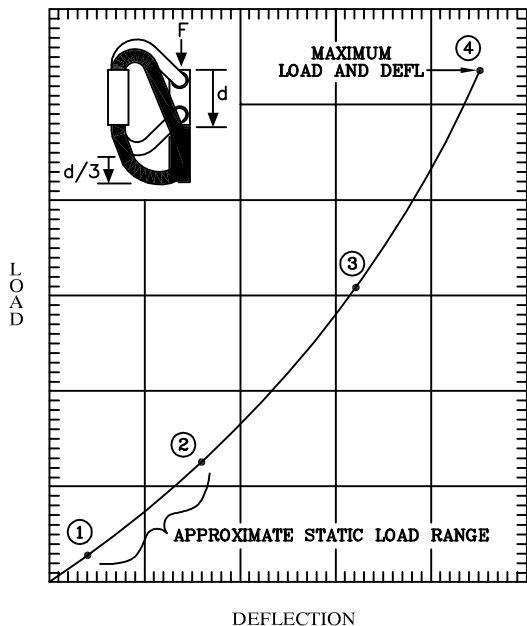
| PART NO. | ① | | ② | | ③ | | ④ | | K _v (VIBE) (lbs/in) | K _s (SHOCK) (lbs/in) |
|-----------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|--------------------------------------|---------------------------------------|
| | LOAD (lbs) | DEFL (in) | LOAD (lbs) | DEFL (in) | LOAD (lbs) | DEFL (in) | LOAD (lbs) | DEFL (in) | | |
| SM2-044-A | 2.8 | .04 | 5.4 | .10 | 7.0 | .15 | 8.0 | .19 | 58 | 47 |
| SM2-050-A | 2.1 | .04 | 3.8 | .10 | 5.4 | .18 | 6.3 | .25 | 42 | 30 |
| SM2-062-A | 1.4 | .04 | 2.3 | .10 | 4.0 | .24 | 5.0 | .37 | 26 | 17 |

TOLL FREE : 888-ISOLATOR
 FAX : (631) 491-5672
 WEB SITE : www.isolator.com
 E-MAIL : sales@isolator.com
 CAGE : 07QQ7



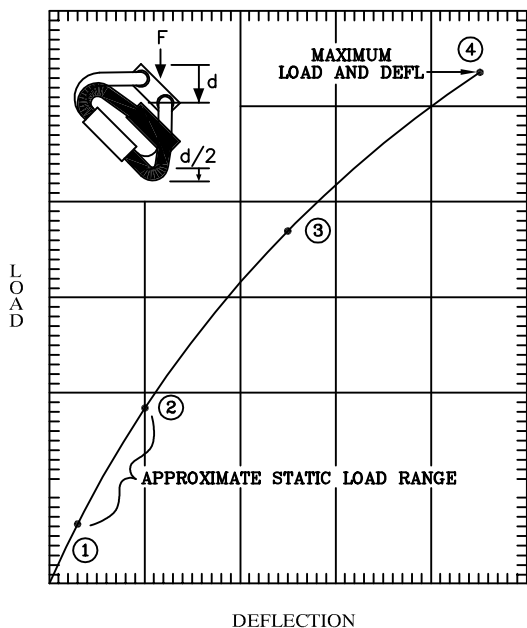
PERFORMANCE DATA • **SM2 SERIES** • 1/16" DIAMETER CABLE
SHOCK & VIBRATION ISOLATORS

ROLL



| PART NO. | ① | | ② | | ③ | | ④ | | K_v (VIBE) (lbs/in) | K_s (SHOCK) (lbs/in) |
|-----------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|-----------------------------|------------------------------|
| | LOAD (lbs) | DEFL (in) | LOAD (lbs) | DEFL (in) | LOAD (lbs) | DEFL (in) | LOAD (lbs) | DEFL (in) | | |
| SM2-044-A | 1.0 | .04 | 2.2 | .10 | 3.5 | .15 | 4.8 | .19 | 23 | 23 |
| SM2-050-A | .8 | .04 | 1.6 | .10 | 3.2 | .18 | 4.5 | .25 | 17 | 18 |
| SM2-062-A | .4 | .04 | 1.0 | .10 | 2.7 | .24 | 5.3 | .37 | 10 | 12 |

45° COMPRESSION/ROLL



| PART NO. | ① | | ② | | ③ | | ④ | | K_v (VIBE) (lbs/in) | K_s (SHOCK) (lbs/in) |
|-----------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|-----------------------------|------------------------------|
| | LOAD (lbs) | DEFL (in) | LOAD (lbs) | DEFL (in) | LOAD (lbs) | DEFL (in) | LOAD (lbs) | DEFL (in) | | |
| SM2-044-A | 1.8 | .04 | 3.7 | .10 | 6.2 | .21 | 7.2 | .27 | 39 | 30 |
| SM2-050-A | 1.2 | .04 | 2.3 | .10 | 3.8 | .25 | 4.6 | .35 | 25 | 16 |
| SM2-062-A | .6 | .04 | 1.2 | .10 | 2.9 | .34 | 3.8 | .52 | 13 | 9 |

TOLL FREE : 888-ISOLATOR
FAX : (631) 491-5672
WEB SITE : www.isolator.com
E-MAIL : sales@isolator.com
CAGE : 07QQ7

