SM6 SERIES
3/16" DIAMETER CABLE

Design Data Sheet

PART NUMBER | DIMENSIONS (in) | WEIGHT (oz) | COMPRESSION (lbs/in) | ROLL (lbs/in) | COMPRESSION/ROLL (lbs/in)
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SM6-165-A | 1.65 (41.8) 2.25 (57.2) 2.99 (75.7) | 2.00 (16.6) | 75 | 34 | 48
SM6-185-A | 1.85 (47.8) 2.55 (64.6) 3.25 (82.6) | 2.00 (16.6) | 42 | 21 | 32
SM6-215-A | 2.15 (54.8) 2.76 (70.5) 3.60 (91.4) | 2.00 (16.6) | 26 | 13 | 20

NOTES, FEATURES, MATERIALS/FINISHES

NOTES:
- ALL DIMENSIONS IN PARENTHESES 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
- UNEQUALED 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/HEM FILM
  IAW MIL-C-5541, CLASS 1A

Deflection (mm) vs Load (lbs.)

1) SM6-165-A (Kv = 75, Ks = 52)
2) SM6-185-A (Kv = 42, Ks = 31)
3) SM6-215-A (Kv = 26, Ks = 16)

(K values are in lbs/in)