SM2 SERIES

1/16" DIAMETER CABLE

Design Data Sheet

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 (2.2) 23 24 18 21 11 10

SM2-062-A

0.62 (15.7) 0.80 (20.3) 1.00 (25.4) 0.09 (2.4) 17 14 9 16 6 4

Deflection (mm)

Load (lbs.)

Load (N)

Deflection (in.)

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
• UNEQUALLED TEMP. RANGE: -200°F TO 500°F
• THREE AXIS CAPABILITY (6 DOF)
• HIGH DAMPING: C/Cc = 0.5 – 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

K values are in lbs/in

1) SM2-044-A (Kv = 49, Ks = 52)
2) SM2-050-A (Kv = 23, Ks = 24)
3) SM2-062-A (Kv = 17, Ks = 14)