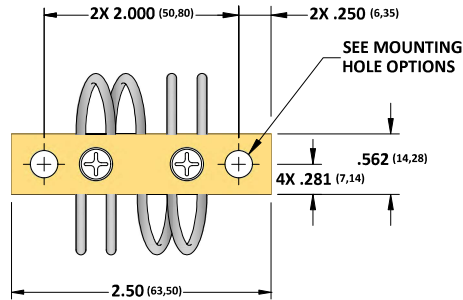


| PART NUMBER    | DIMENSIONS<br>in (mm) |                | ISOLATOR<br>WEIGHT<br>oz (gms) | COMPRESSION           |                        |                       | SHEAR/ROLL (AVG)      |                        |                       |
|----------------|-----------------------|----------------|--------------------------------|-----------------------|------------------------|-----------------------|-----------------------|------------------------|-----------------------|
|                | H ±.03                | W (REF)        |                                | Kv (VIBE)<br>(lbs/in) | Ks (SHOCK)<br>(lbs/in) | MAX.<br>DEFLECT. (in) | Kv (VIBE)<br>(lbs/in) | Ks (SHOCK)<br>(lbs/in) | MAX.<br>DEFLECT. (in) |
| SB5-110-04-[ ] | 1.10<br>(27,9)        | 1.40<br>(35,6) | 1.8<br>(52)                    | 521                   | 478                    | .35                   | 186                   | 220                    | .35                   |
| SB5-120-04-[ ] | 1.20<br>(30,5)        | 1.50<br>(38,1) | 1.9<br>(54)                    | 449                   | 402                    | .45                   | 142                   | 171                    | .45                   |
| SB5-130-04-[ ] | 1.30<br>(33,0)        | 1.60<br>(40,6) | 2.1<br>(59)                    | 314                   | 266                    | .55                   | 98                    | 116                    | .55                   |
| SB5-140-04-[ ] | 1.40<br>(35,6)        | 1.70<br>(43,2) | 2.1<br>(59)                    | 266                   | 213                    | .65                   | 76                    | 98                     | .65                   |
| SB5-150-04-[ ] | 1.50<br>(38,1)        | 1.80<br>(45,7) | 2.2<br>(61)                    | 204                   | 164                    | .75                   | 51                    | 80                     | .75                   |
| SB5-160-04-[ ] | 1.60<br>(40,6)        | 1.90<br>(48,2) | 2.2<br>(61)                    | 156                   | 118                    | .85                   | 42                    | 61                     | .85                   |

## NOTES, FEATURES, MATERIALS/FINISHES

## NOTES:

- MOUNTING HOLE TOLERANCES:  $\pm 0.010$  ( $\pm 0.25$ mm).
- ALL DIMENSIONS IN PARENTHESIS ARE METRIC (mm).
- SPECIALS AVAILABLE UPON REQUEST (MATERIALS, SIZE, MOUNTING HOLES, FINISH, ETC...)
- ADD .12lbs (.06kg) TO ISOLATOR WEIGHT FOR ALL-STAINLESS STEEL VERSIONS.

## FEATURES:

- RUGGED ALL METAL CONSTRUCTION
- UNEQUALLED TEMP. RANGE: -200°F TO 500°F
- THREE AXIS CAPABILITY (6 DOF)
- FAIL SAFE CONSTRUCTION
- HIGH DAMPING:  $C/C_c \approx .15-.20$
- LONG LIFE AND MAINTENANCE FREE

## MATERIALS/FINISHES:

- CABLE: 300 SERIES SS PER MIL-W-83420 OR RR-W-410
- SCREWS: 300 SERIES SS PER MS51959-42
- INSERTS: 300 SERIES SS (ALUM BARS ONLY)
- RETAINER BARS: SEE BELOW

## MODEL NUMBER EXAMPLE

SB5 - 140 - 04 - H - C

## MOUNTING HOLES

- SEE MOUNTING HOLE OPTIONS.
- ADD 'M' TO END OF P/N FOR METRIC MOUNTING HOLES.
- ADD 'L' TO END OF P/N FOR LOCKING INSERTS. (N/A FOR SS BARS)

## BAR MATERIAL/FINISH

- [ ] = 6061-T6 ALUM ALLOY/CHEM FILM IAW MIL-DTL-5541, TYPE II, CLASS 3.
- [H] = 6061-T6 ALUM ALLOY/ANODIZED IAW MIL-A-8625, TYPE II CLASS 1.
- [S] = 300 SERIES SS/PASSIVATED IAW ASTM A967.

## NO. OF LOOPS

- 4 LOOPS STANDARD FOR THE SB5 SERIES.
- ISOLATOR SPRING RATES ARE DIRECTLY PROPORTIONAL TO NO. OF CABLE LOOPS.

## MODEL SIZE

- BASED ON ISOLATOR HEIGHT

## SERIES

- CABLE DIAMETER IN 32NDS

## MOUNTING HOLE OPTIONS

