



PART NUMBER	DIMENSIONS in (mm)		ISOLATOR WEIGHT lbs (kg)	COMPRESSION			SHEAR/ROLL (AVG)		
	H ±.06	W (REF)		Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)	Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)
SB32-525-04- []	5.25 (133,4)	7.00 (177,8)	12.47 (5.66)	5425	3090	1.80	2424	1596	1.80
SB32-600-04- []	6.00 (152,4)	7.25 (184,2)	12.90 (5.86)	4587	2610	2.60	1903	1284	2.60
SB32-625-04- []	6.25 (158,8)	7.50 (190,5)	13.30 (6.04)	3740	2070	2.80	1818	1200	2.80
SB32-700-04- []	7.00 (177,8)	8.00 (203,2)	14.20 (6.45)	2143	1172	3.50	1303	873	3.50
SB32-750-04- []	7.50 (190,5)	8.50 (215,9)	15.60 (7.08)	1891	1051	4.00	1021	627	4.00
SB32-850-04- []	8.50 (215,9)	9.50 (241,3)	16.89 (7.67)	1432	790	5.00	711	458	5.00

NOTES, FEATURES, MATERIALS/FINISHES

NOTES:

- MOUNTING HOLE TOLERANCES: ±0.010 (±0.25mm).
- ALL DIMENSIONS IN PARENTHESIS ARE METRIC (mm).
- SPECIALS AVAILABLE UPON REQUEST (MATERIALS, SIZE, MOUNTING HOLES, FINISH, ETC...)
- ADD 4.13lbs (1.87kg) 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/Cc ≈ .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 PASSIVATED IAW ASTM A967
- INSERTS: 300 SERIES SS (ALUM BARS ONLY)
- RETAINER BARS: SEE BELOW

MODEL NUMBER EXAMPLE

SB32 - 625 - 04 - - B

- 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 SB32 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

Diagram A: 2X 1/2-13 (M12x1,75) and 2X 1/2-13 (M12x1,75)

Diagram B: 2X Ø.531 (13,49) CSK 82° (90°) and 2X Ø.531 (13,49) CSK 82° (90°)

Diagram C: 2X 1/2-13 (M12x1,75) and 2X Ø.531 (13,49) CSK 82° (90°)

Diagram D: 2X 1/2-13 (M12x1,75) and 2X Ø.531 (13,49)

Diagram E: 2X Ø.531 (13,49) CSK 82° (90°) and 2X Ø.531 (13,49) CSK 82° (90°)

Diagram F: 2X 1/2-13 (M12x1,75) and 2X Ø.531 (13,49)