

Stabiflex Vibration & Shock Isolator

Type STB



↓ **HIGH AXIAL FLEXIBILITY**
↔ **UNIFORM RADIAL STIFFNESS**

DESIGN

- (1) Annular Rubber Ring
- (2) Inner Metal Core with tapped hole to take bolt form supporting machinery.
- (3) Outer Metal Ring with holes provided for bolting wherever required.
- (4) Protruding Rubber Ring acting as a non-skid pad for direct floor mounting without fastening bolts.
- (5) Plated steel cap for oil & corrosion protection.
- (6) Rubber Seal.

ADVANTAGES

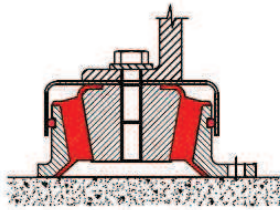
- ★ Eliminates up to 98% Vibrations.
- ★ Accepts Large Transitory Shocks.
- ★ 2-3 Times Stiffer Radially than Axially.
- ★ Quick and Easy Installation.
- ★ Flexible Plant Layout.
- ★ Fixing by bolts and rebound stop facility for Mobile Application.
- ★ Oil & Corrosion Protection.

Ideally suited to support machinery susceptible to Radial Forces: Machinery fixed to Lorries Railway Wagons or Ships etc.

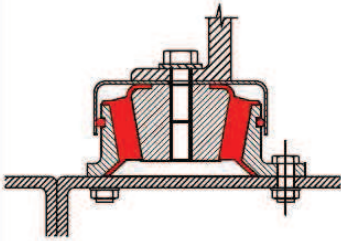
TYPICAL APPLICATIONS

- ★ Extensively used for supporting Engine and Operator Cabin in Hydraulic Excavators and other Earth Moving Machinery
- ★ Support Large Motor Compressor Units, Generators, Tanks, Diesel Engines, Reducers etc. on ground and mobile equipment.
- ★ Used under Metal Working Machinery, Textile Machinery, Refrigeration & Air Conditioning Equipment etc. etc.

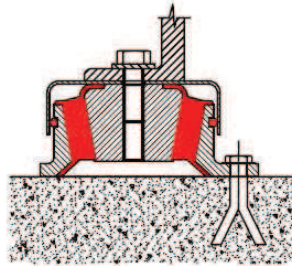
MODES OF INSTALLATION



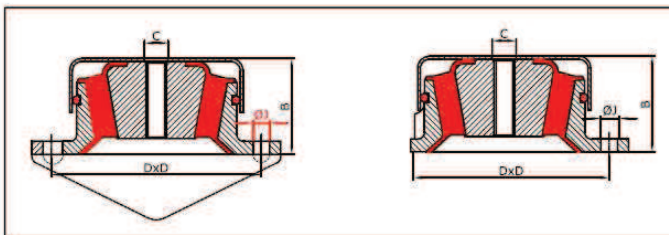
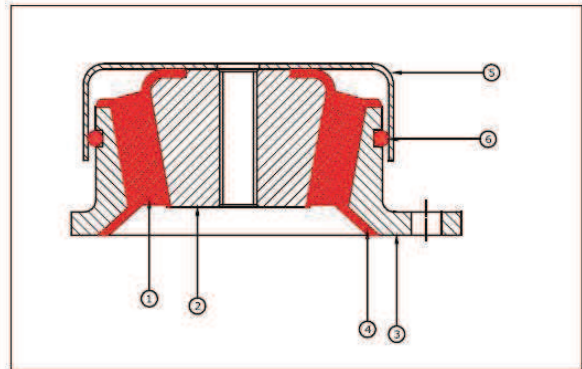
Free standing on floor
without fastening bolt



Mounted on metal
chassis by bolts



Fixed to floor by bolts



TECHNICAL CHARACTERISTICS

TYPE	50		60		70		PHYSICAL				
CODE No.	LOAD (kg)	Defl. (mm)	LOAD (kg)	Defl. (mm)	LOAD (kg)	Defl. (mm)	BASE	HEIGHT B (mm)	THREADED C (mm)	CENTRES D (mm)	HOLE DIA X No. J (mm) X Nos.
STB 0069	30	3	50	3	70	3	DIAMOND	41	M12	98	9X2
STB 0084	80	4	130	4	175	3	DIAMOND	51	M12	115	11X2
STB 0100	185	3	300	3	400	3	SQUARE	52	M12	90X90	11X4
STB 0133	450	5	725	5	1000	4	SQUARE	71	M16	114X114	13X4
COLOUR CODE	GREEN		BLUE		RED						

- * Defl. is deflection at rated load with +/- 15% tolerance
- * All figures are approximate and subject to change without notice
- * Consult RESISTOFLEX for intermediate & higher load / deflection characteristics
- * No Load factors necessary even for Mobile Applications

For more detailed information and technical assistance, please contact our Applications Engineering Group.
In the interest of continual development and improvement, the company reserves the right to make modifications to these details without notice