

TRAXIFLEX

(1) Natural frequency:
8 to 10 Hz

See Vibrachoc
metallic range:
VE101 - VE111
VE112 - VE113



DESCRIPTION

The TRAXIFLEX mounting comprises two metallic U armatures joined by two bonded rubber blocks.
It is available in two versions: male/female and female/female.

OPERATION

The design of the TRAXIFLEX mounting gives the following basic characteristics:

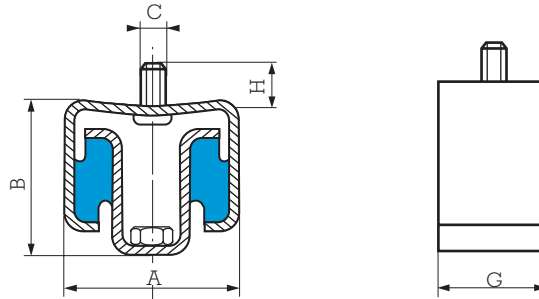
- Rubber works in compression-shear.
- The same deflection under nominal load for all types.
- Safety system in case of elastomer failure.

Advantages:

- Economic solution for suppressing structure borne noise.
- Several fixing methods.
- High resistance to atmospheric exposure:
 - galvanised armatures
 - chloroprene elastomer.
- Upper metallic part is shaped to simplify orientation while fixing.
- Two hardnesses of elastomer to extend the choice of mounting as a function of load.
- Filtration of vibration and the attenuation of the consequent noise.
- Allows movement due to thermal expansion.

(1) Natural frequencies with max/min loads, see: OPERATING CHARACTERISTICS.

DIMENSIONS



Type	Reference		Hard-ness	A mm	B mm	C	G mm	H mm
	1 screw - 1 nut	2 nuts						
TR 12-30	535600*	--	45-60	47	38	M7 x 1.50	16	7
TR 12-30	53560361**	--	60	47	38	M6 x 1.00	16	17
TR 12-30	535603	--	45	47	38	M6 x 1.00	16	17
TR 40-80	535611	535621	45-60	55	47	M8 x 1.25	30	13
TR 100-250	535612	535622	45-60	74	50	M12 x 1.75	40	17

See current price list for availability of items.

* Mountings ref. 535600 are fitted with a screw which can accept "ATLAS" collars.

** The part 53560361 also exists with a longer stud, H = 17 mm in an elastomer resistant to fire M1 (suffix 11).

OPERATING CHARACTERISTICS

Recommended load daN	Deflection mm	Reference		Hardness
		1 screw - 1 nut	2 nuts	
4-18	4	535600	--	45
4-18	4	535603	--	45
7-30	4	535600	--	60
7-30	4	53560361**	--	60
10-52	4	535611	535621	45
20-80	4	535611	535621	60
20-92	4	535612	535622	45
30-136	4	535612	535622	60

1 kg ≈ 1 daN

TRAXIFLEX mountings have been subjected to acoustic trials at the Centre Expérimental de Recherches et d'Études du Bâtiment et des Travaux Publics which has given the PV nr. 554.6.078.

Note: For important loads, refer to solutions given page 26.** Elastomer resistant to fire M1 (Suffix 11).

ASSEMBLY

When fixing, ensure that all the TRAXIFLEX mountings are supporting the same load. It is necessary to ensure that they are all the same distance from the fixing surface (ceiling, girder, plank...).

TRAXIFLEX mountings can be used to suspend pipework: the whole assembly being fixed to the ceiling.

- Suspending hot air ducts.
- Suspending a fan unit and distribution ducts.
- Suspending a hot air generator with continuous airflow.
- Suspending an integral cased air conditioner.