ISOMOUNT ISOLATORS

SUITABLE FOR MARINE APPLICATIONS

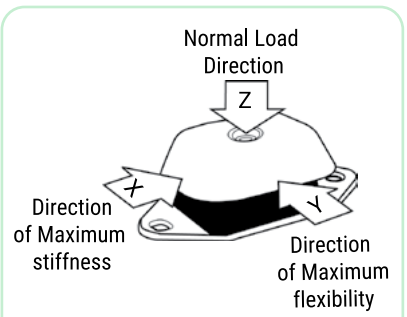


Isomounts are general purpose vibration isolators suitable for mobile and static equipment installations.

Available in three different sizes Isomounts have a mechanically galvanized base and come with a choice of rubber hardnesses, they can also be supplied with two types of specialist height adjusters and a mechanically galvanised base.

Isomount isolators are suitable for operation under all types of engines. They offer 3-way control of engine movement with excellent isolation efficiency. Maximum use of this 3-way control when the isomount isolators are used as engine supports can be obtained by arranging the isolator with their maximum flexibility (Y) at right angles to the engine crankshaft and maximum stiffness (X) in line with the crankshaft. Using the isolators in this manner also has the advantage in marine applications of providing isolation against propeller thrust. The Isomount range also features bump and rebound control which prevents excessive movement under shock loads.

The static load figures shown in FIG 1. are offered as a reference to the maximum load acceptable for each rubber mix.



NOMINAL STIFFNESS RATIOS

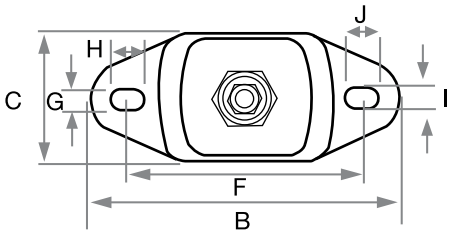
X = 2.5

Y = 0.75

Z = 1.0

TYPE '1'





TYPE '1'

No Height Adjuster

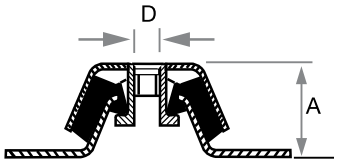


FIG 1 LOAD RANGE

Part No.			Maximum Load Without Thrust Kg	Maximum Load With Thrust Kg	Deflection mm	Duro
Type 1	Type 2	Type 3				
M200045	M200145	M200245	50	35	4	45
M200055	M200155	M200255	70	55	4	55
M200065	M200165	M200265	100	80	4	65
M220045	M220145	M220245	135	85	5	45
M220055	M220155	M220255	200	135	5	55
M220065	M220165	M220265	300	210	5	65
M220075	M220175	M220275	450	315	5	75
M240045	M240145	M240245	355	250	5	45
M240055	M240155	M240255	530	370	5	55
M240065	M240165	M240265	800	560	5	65
M240075	M240175	M240275	1000	700	5	75

Note : When used in marine engine applications with thrust forces, the maximum load capacity is substantially reduced. See table above.

HEIGHT ADJUSTERS

Two styles of height adjusters are available for each Isomount Isolator.

Type '1' Is supplied minus height adjuster.

Type '2' Is a general purpose adjuster suitable for static applications.

Type '3' Is available for mobile applications, where thrust is an issue.

Height adjusters are recommended where precise alignment is required and care should be taken when height adjusters are used not to allow excessive bending forces to be imposed on the centre spindle.

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