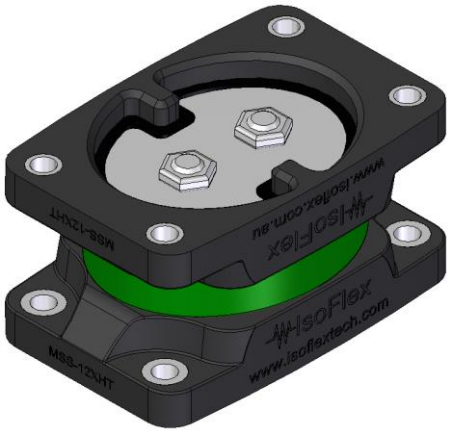
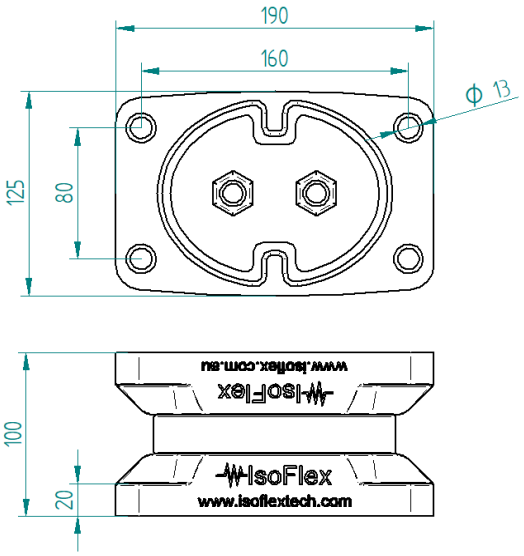
Isoflex Technologies Pty Ltd
11/75 Waterway Drive
Coomera, QLD 4209 AUSTRALIA
Ph: +61 7 5556 0924
E: info@isoflex.com.au

Isoflex Technologies International, LLC
3434 SW 15th Street, Suite B
Deerfield Beach, FL 33442 U.S.A.
Ph: 561-210-5170
E: info@isoflextech.com

ISOFLEX MOUNT DATA SHEET

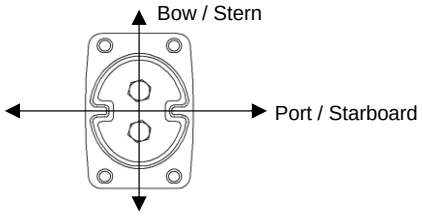
MSS-12XHT





IDENTIFICATION:

MSS-12XHT	Model Number



Resilient Element Color	Shore Durometer Hardness
	A-scale (SDH-A)
Green	80
Dark Blue	75
Black	70

Other duro available on request

DIMENSIONS:

	Metric (mm)	Imperial (in)
Overall height	100	3.94
Overall length	190	7.48
Overall width	125	4.92
Base bolt centres length	160	6.30
Base bolt centres width	80	3.15
Base bolt size	M12	1/2
Base thickness	20	0.79
	(kg)	(lb)
Mount mass	2.8	6.17

Base: Black - 75 SDH-D

Metal components a combination of marine alloy, stainless steel and components zinc plated to ASTM B633 Type II SC3

SPECIFICATION:

	Metric (kg)	Imperial (lb)
Collision rating	6000	13230

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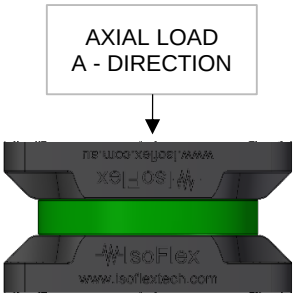
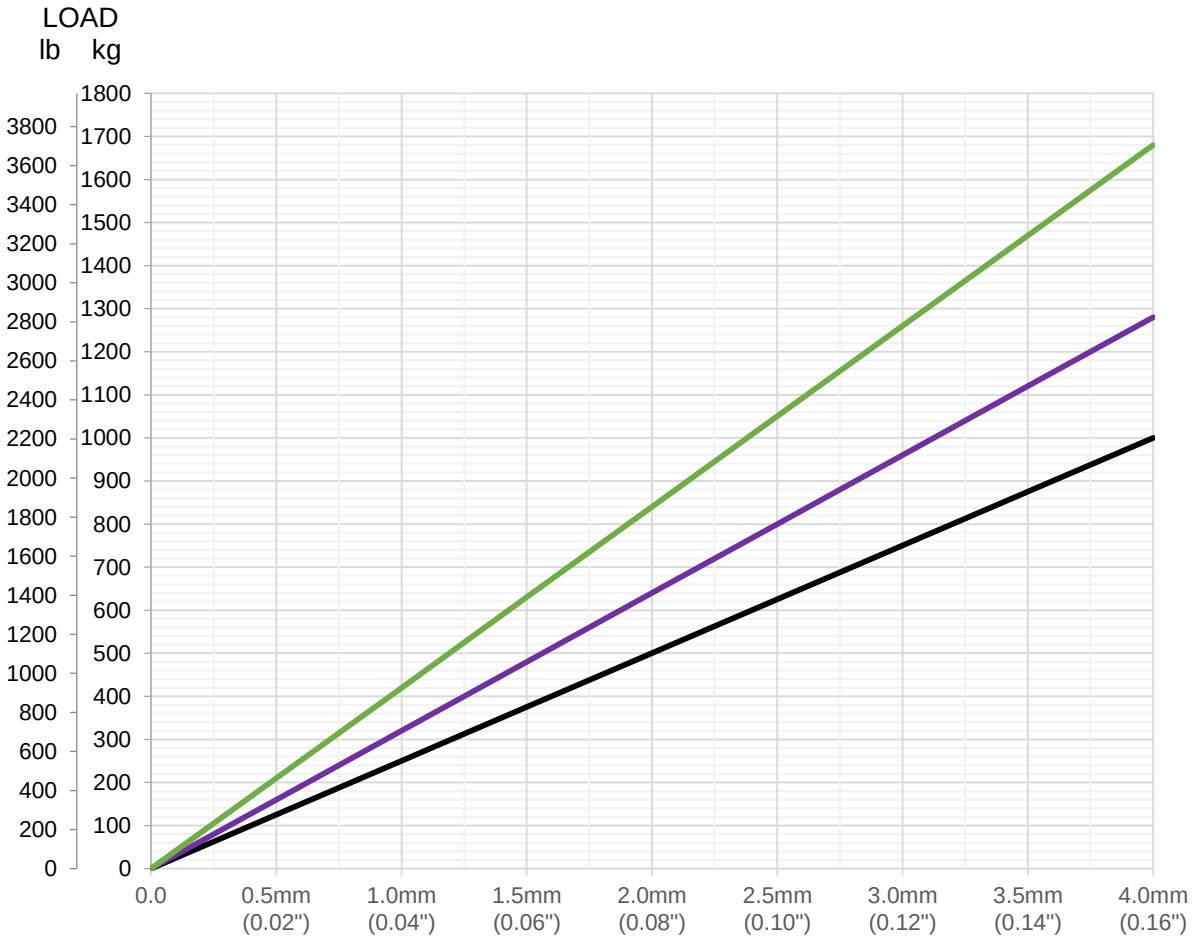
ISOFLEX MOUNT DATA SHEET

MSS-12XHT

Loading Type: Axial - Vertical Down (A-direction)



Resilient Element Colour	Axial Spring Rate @ 2mm	
	kg/cm	lb/in
Black	2500	14000
Dark Blue	3200	17920
Green	4200	23520



Graph: Static Axial Vertical Load [kg] (lb) versus Deflection [mm] (in)

Note: Stated spring rate average taken @ 2mm compression

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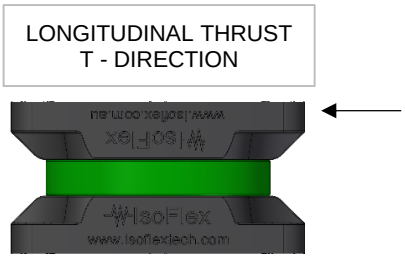
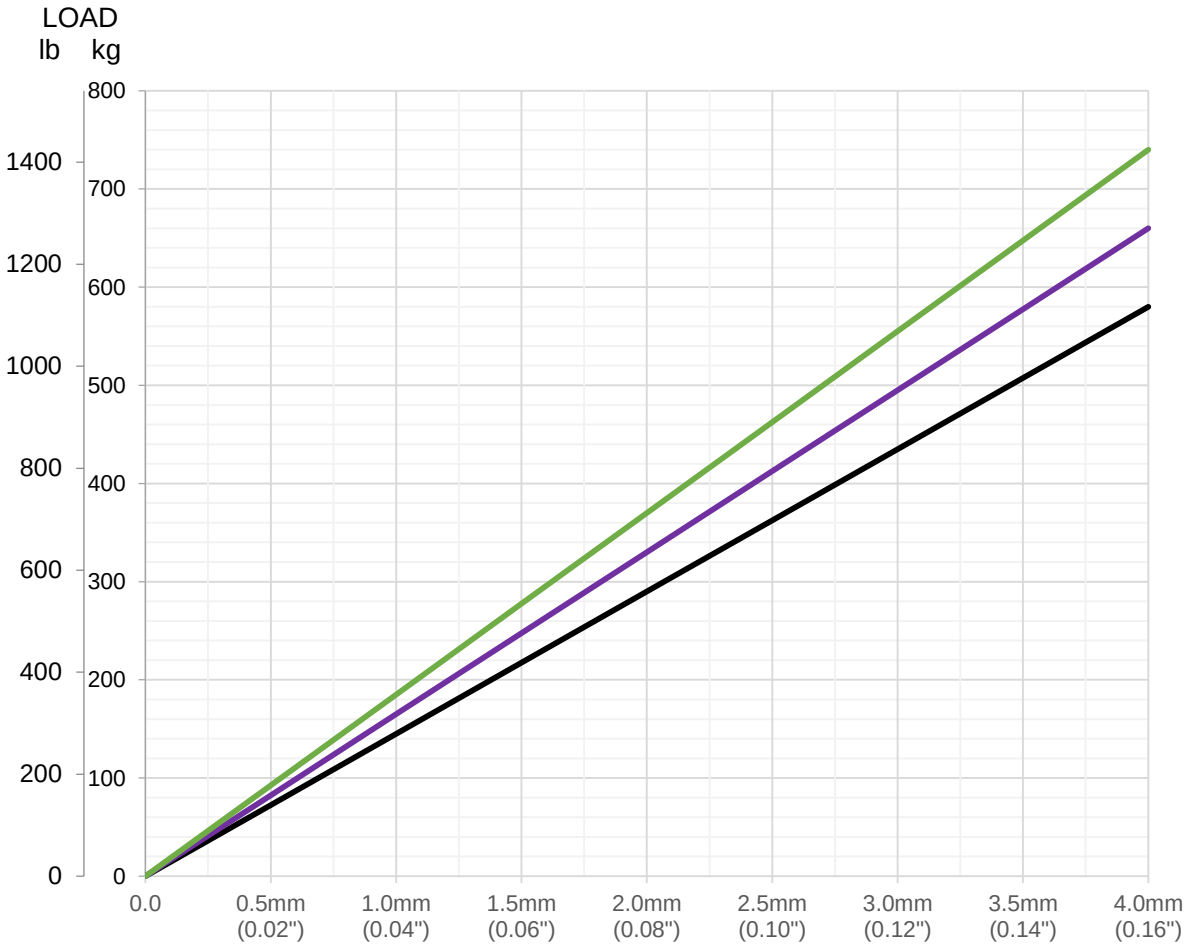
ISOFLEX MOUNT DATA SHEET

MSS-12XHT

Loading Type: Longitudinal Thrust (T-direction)



Resilient Element Colour	Axial Spring Rate @ 2mm	
	kg/cm	lb/in
Black	1450	8120
Dark Blue	1650	9240
Green	1850	10360



Graph: Static Longitudinal Load [kg] (lb) versus Deflection [mm] (in)

Note: Stated spring rate average taken @ 2mm deflection with 2.5mm compression pre load

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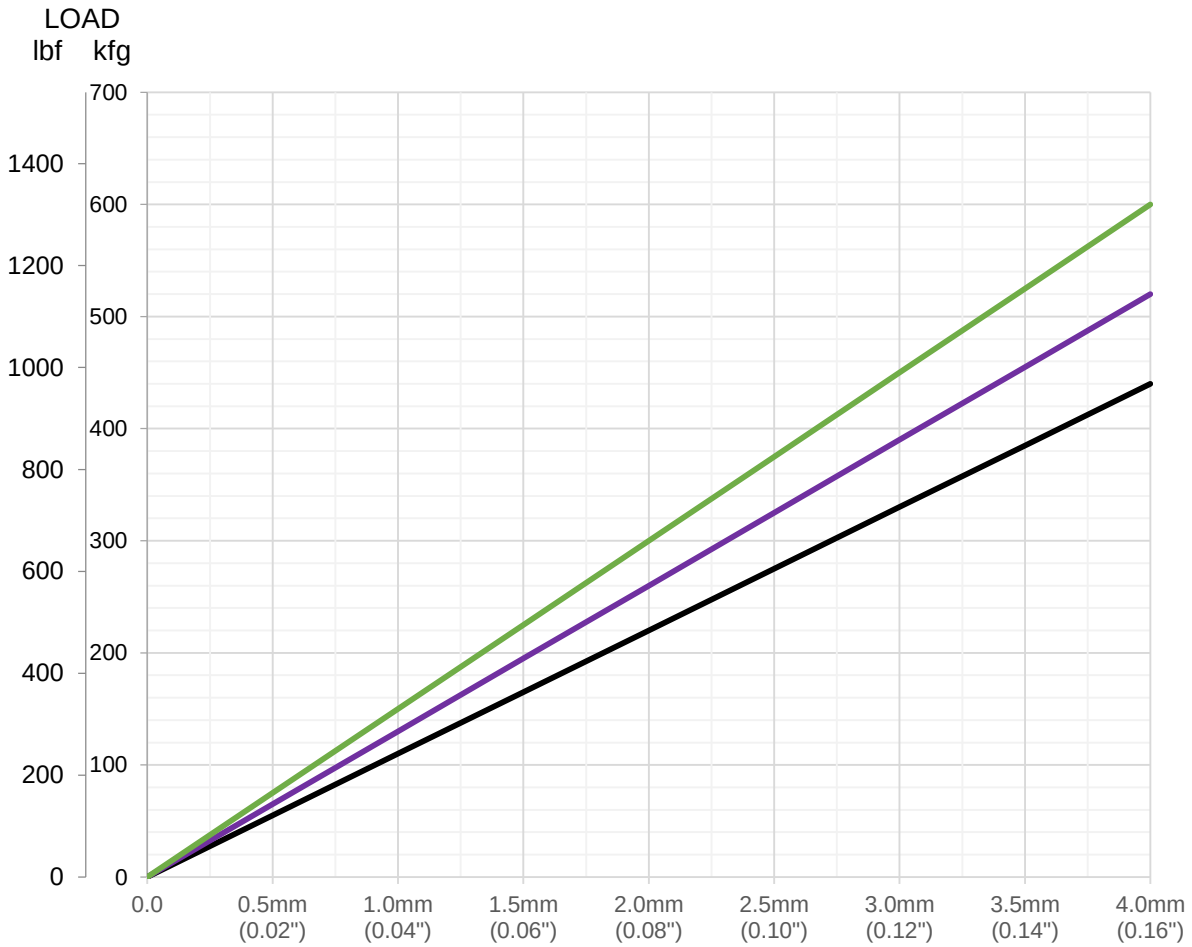
ISOFLEX MOUNT DATA SHEET

MSS-12XHT

Loading Type: Lateral (L-direction)

LATERAL LOAD
L- DIRECTION

Resilient Element Colour	Axial Spring Rate @ 2mm	
	kg/cm	lb/in
Black	1100	6160
Dark Blue	1300	7280
Green	1500	8400



Graph: Static Lateral Load [kg] (lb) versus Deflection [mm] (in)

Note: Stated spring rate average taken @ 2mm deflection with 2.5mm compression pre load

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