IsoFlex Technologies Pty Ltd.
Unit 33, 75 Waterway Drive, Gold Coast Marine Precinct, Coomera, Queensland, Australia. 4209
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IsoFlex Mount Data Sheet

Loadings:

1. Axial - Vertical Down (A-direction)

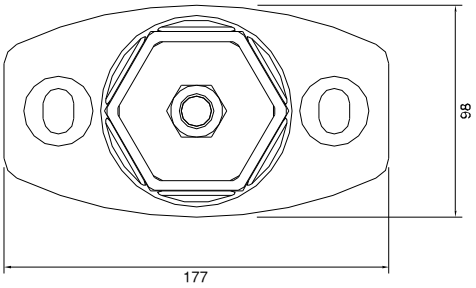
Mount Model: M75-16 SS

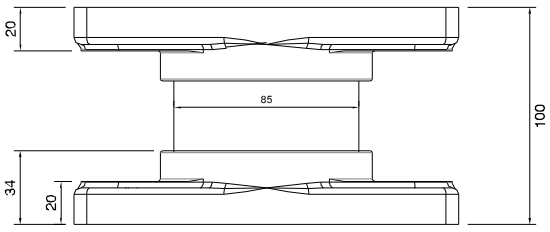
'M75' = model number
'16' = Centre bolt size
'SS' = Superstructure type mount

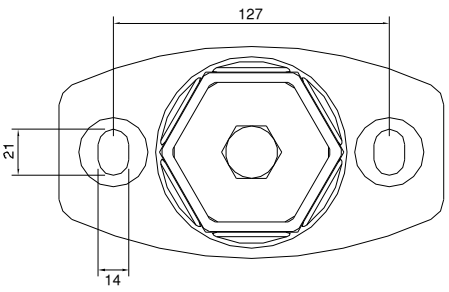
Resilient Element Colour	Shore Durometer Hardness A-scale SDH-A
Yellow	50
Red	60
Black	70
Royal Blue	75
Green	80

Base: Black - 75 SDH-D

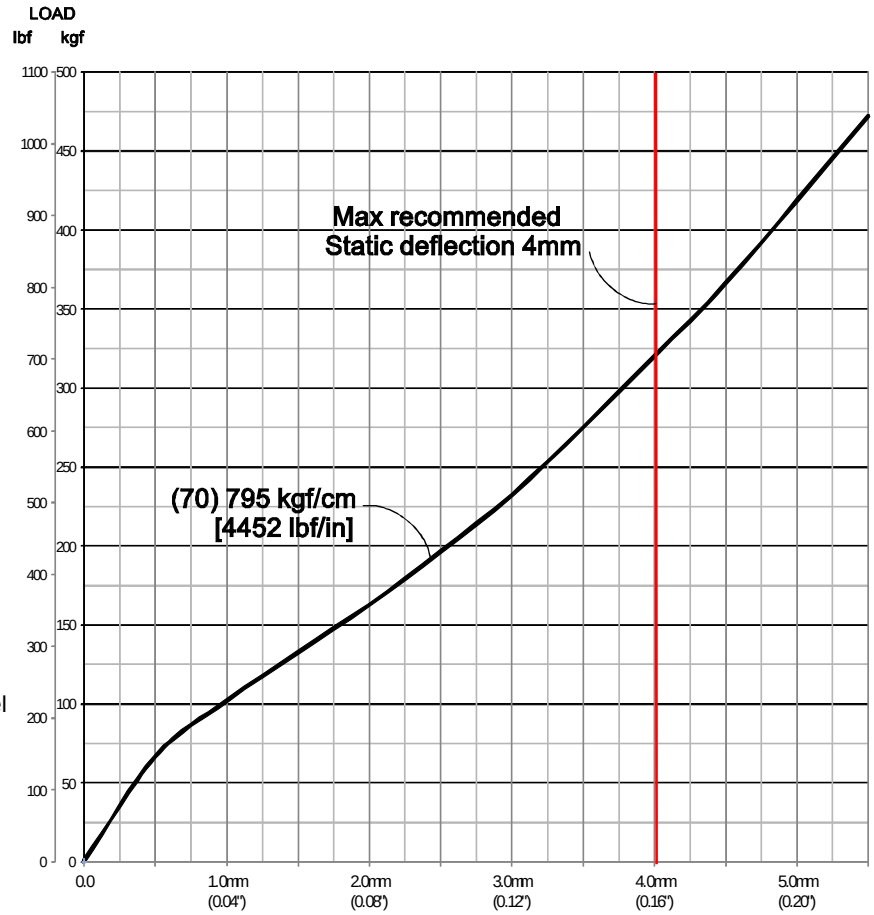
All centre metal components Gr304 stainless Steel
Base inserts - Mild Steel zinc plated





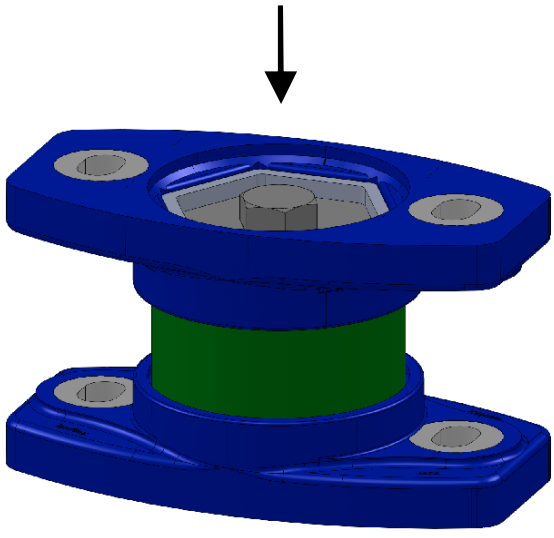


M75-16 Superstructure Mount
General Arrangement



Graph 1: Static Axial Vertical Load[kg] (A-direction) versus Deflection[mm] (ins)
Data shown: (x) = SDH-A Hardness
kgf/cm(lbf/in) = Spring Rate

LOAD
A-direction



Drawing Number: DSA-M75-16 SS
Drawn: WF Date: 3 Oct 2011

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Dimensions in millimetres (mm.) - unless stated otherwise

Specifications are subject to change without notice.

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IsoFlex Mount Data Sheet

Loadings:
Longitudinal Thrust (T-direction)

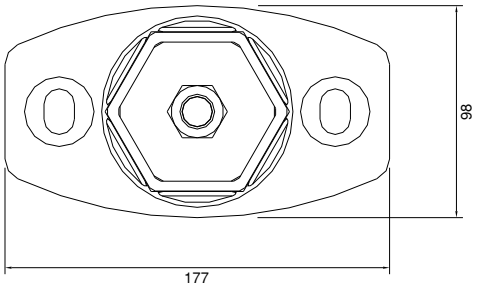
Mount Model: M75-16 SS

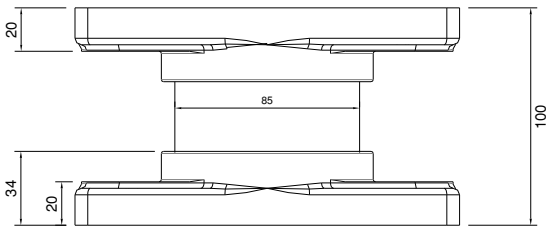
'M75' = model number
'16' = Centre bolt size
'SS' = Superstructure type mount

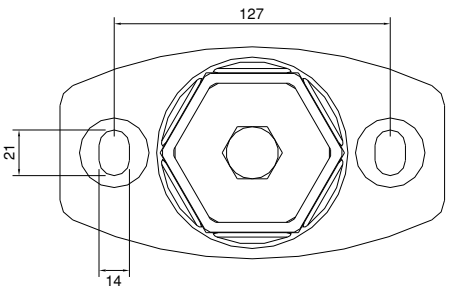
Resilient Element Colour	Shore Durometer Hardness A-scale SDH-A
Yellow	50
Red	60
Black	70
Royal Blue	75
Green	80

Base: Black - 75 SDH-D

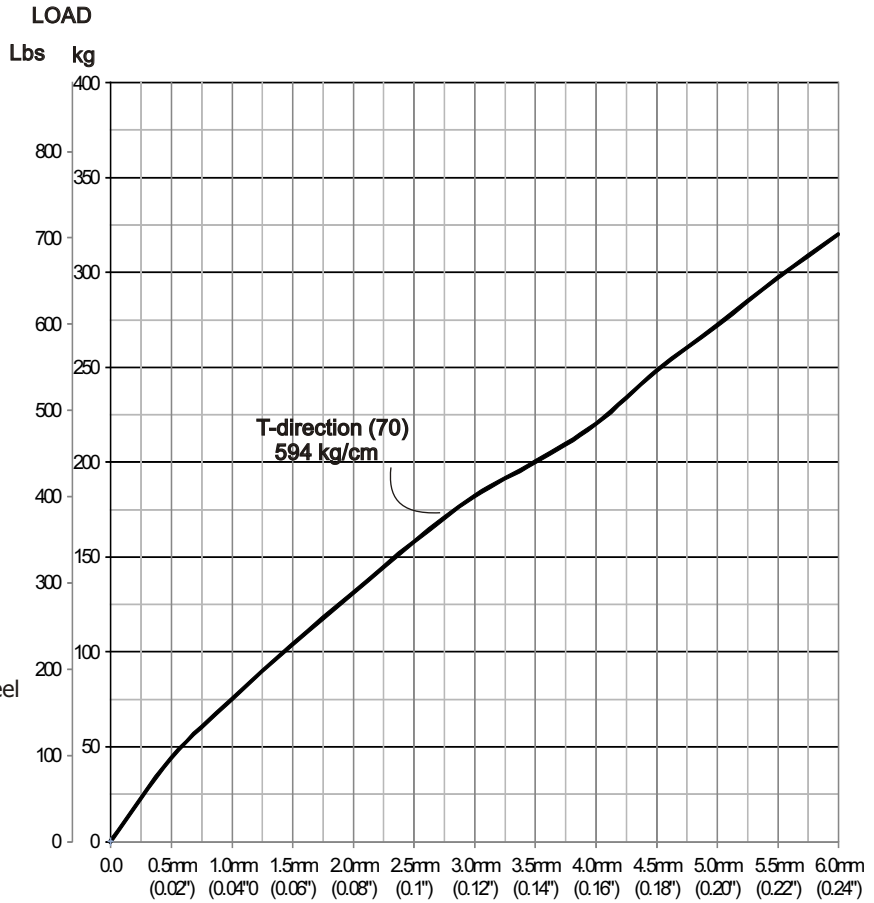
All centre metal components Gr304 stainless Steel
Base inserts - Mild Steel zinc plated





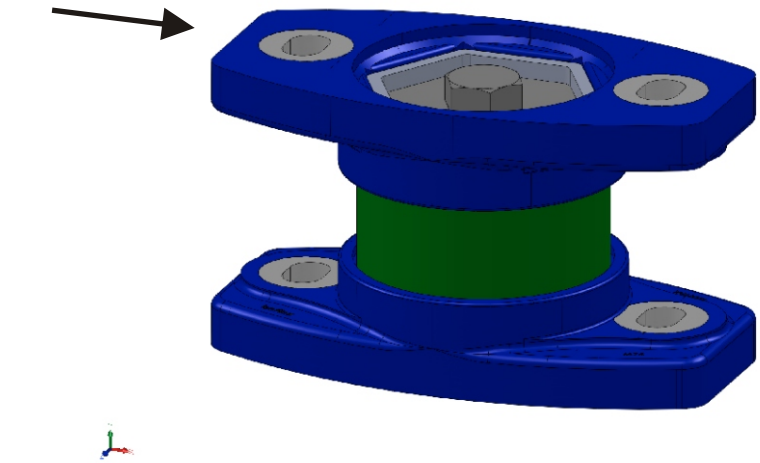


M75-16 Superstructure Mount
General Arrangement



Graph:
Static Longitudinal (Thrust) Load[kg] (T-direction) versus Deflection[mm] (ins)

THRUST LOAD
T-direction



Drawing Number: DST-M75-16 SS
Drawn: WF Date: 13 Oct 2011

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Dimensions in millimetres (mm.) - unless stated otherwise

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IsoFlex Mount Data Sheet

Loadings:
Inverted (I-direction)

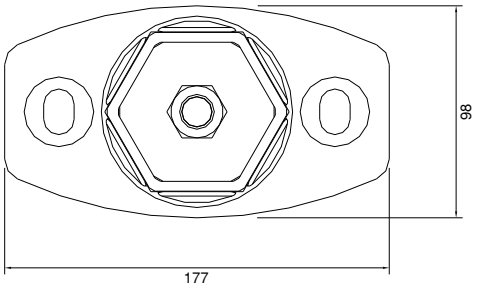
Mount Model: M75-16 SS

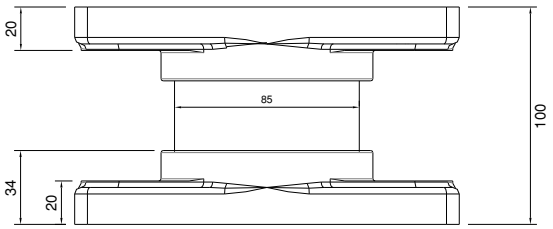
'M75' = model number
'16' = Centre bolt size
'SS' = Superstructure type mount

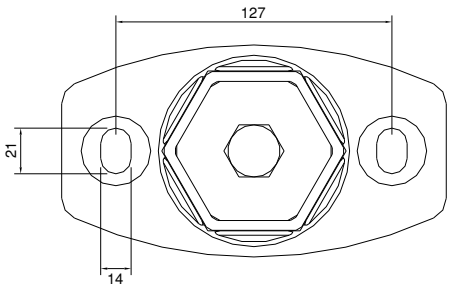
Resilient Element Colour	Shore Durometer Hardness A-scale SDH-A
Yellow	50
Red	60
Black	70
Royal Blue	75
Green	80

Base: Black - 75 SDH-D

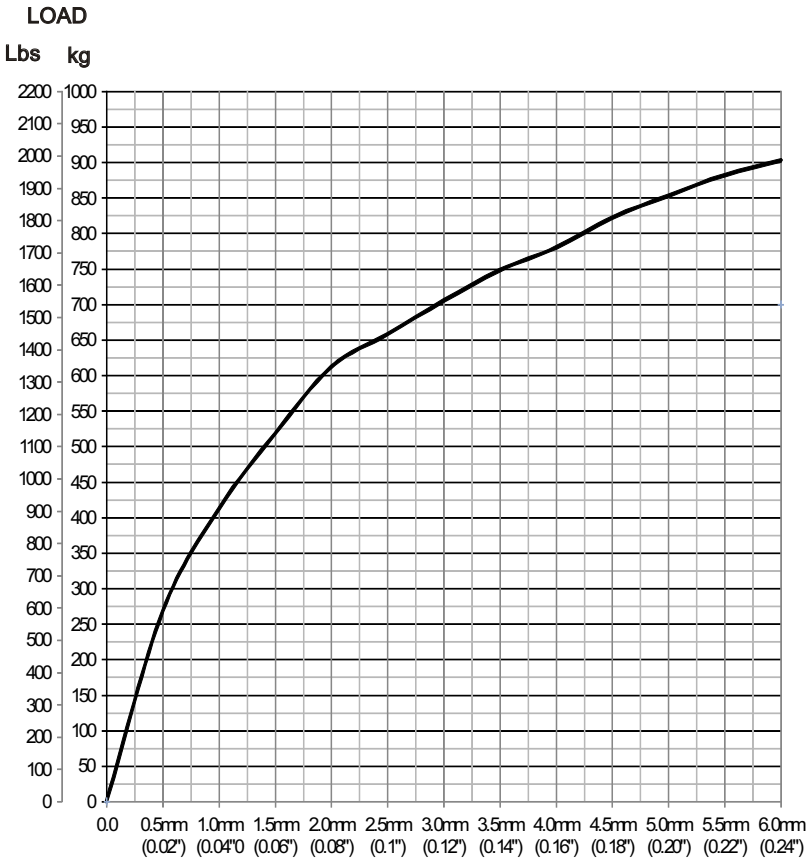
All centre metal components Gr304 stainless Steel
Base inserts - Mild Steel zinc plated





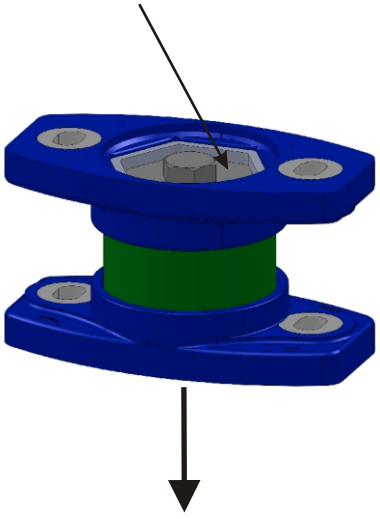


M75-16 Superstructure Mount
General Arrangement



Graph:
Static Inverted Load[kg] (I-direction) versus Deflection[mm] (ins)

Note: 1.04mm "Cupping" deformation of Bottom Hex Washer measured after load released. No other damage/failure identified.



LOAD
I-direction

Test Method
I-direction

Drawing Number: DSI-M75-16 SS
Drawn: WF Date: 13 Oct 2011

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