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# ISOFLEX MOUNT DATA SHEET - MDV139XHD

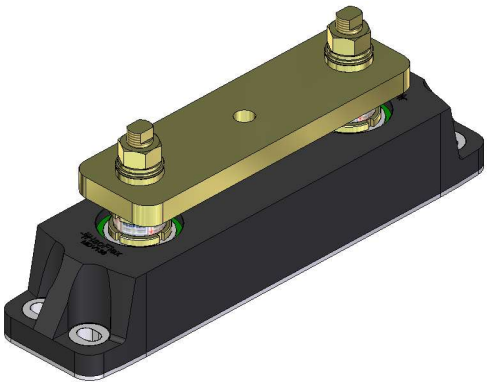
**MDV139XHD - 24 DSB - LBL**

| Thread Size | |
|---|---|
| 24 | M24 |

| Stud Type | |
|---|---|
| DSB | Double adjusting stud bridge |

| Resilient Core Type | |
|---|---|
| LBL | Light Blue |
| DBL | Dark Blue |
| GRN | Green |
| GRY | Grey |
| Other duro available on request | |

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



Mount model MDV139XHD-24DSB

## WEIGHT:

| Model | Metric (kg) | Imperial (lb) |
|---|---|---|
| MDV139XHD-24DSB | 18.3 | 40.3 |

## SPECIFICATION:

| | Metric (kg) | Imperial (lb) |
|---|---|---|
| Recommended working load per mount | 1200-2400 | 2640-5280 |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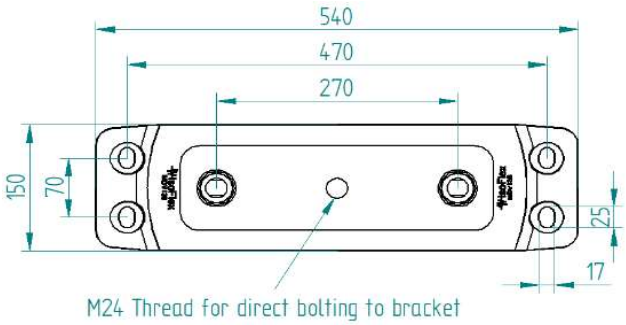
# ISOFLEX MOUNT DATA SHEET - MDV139XHD

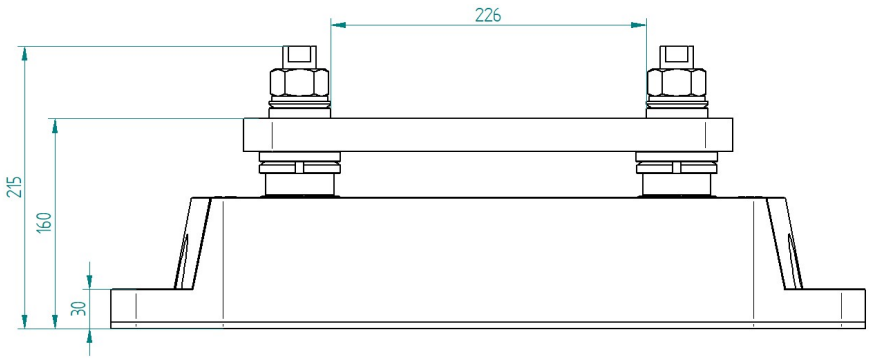
## DIMENSIONS :

| | Metric (mm) | Imperial (in) |
|---|---|---|
| Base length | 540 | 21.26 |
| Base width | 150 | 5.91 |
| Base bolt centres | 470 x 70 | 18.50 x 2.76 |
| Base thickness | 30 | 1.18 |
| Base bolt size | M16 | 5/8 |
| Stud centres | 270 | 10.63 |




## MODEL SPECIFIC DIMENSIONS :

| | Overall Height (H) | | Min Free Height (J) | | Height Adjustment (J) | |
|---|---|---|---|---|---|---|
| **Model** | **(mm)** | **(in)** | **(mm)** | **(in)** | **(mm)** | **(in)** |
| MDV139XHD-24DSB | 215 | 8.46 | 160 | 6.30 | 10 | 0.39 |




Mount model MDV139XHD-24DSB

Specifications are subject to change without notice.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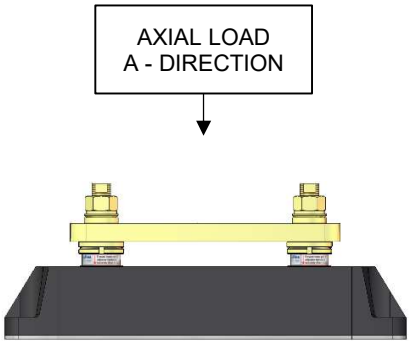
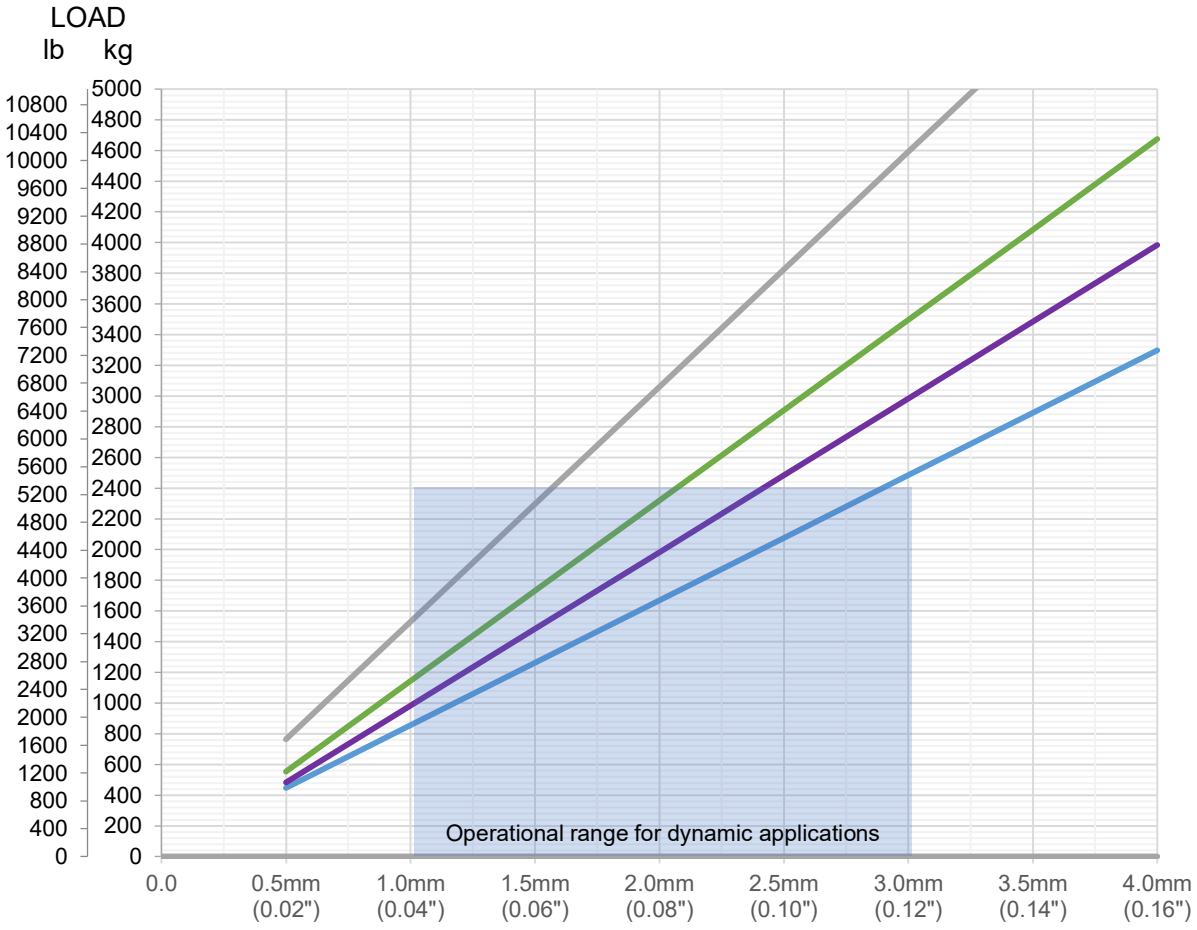
# ISOFLEX MOUNT DATA SHEET - MDV139XHD

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




| Resilient Core Colour | Spring Rate at 2mm | |
|---|---|---|
| | (kg/cm) | (lb/in) |
| Light Blue | 8150 | 45640 |
| Dark Blue | 10010 | 56055 |
| Green | 11770 | 65910 |
| Grey | 15310 | 85735 |




**Graph: Static Axial Vertical Load [kg] (lb) versus Deflection [mm] (in)**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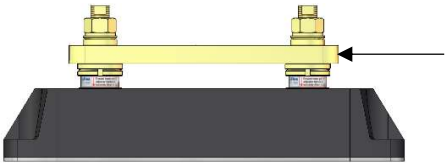
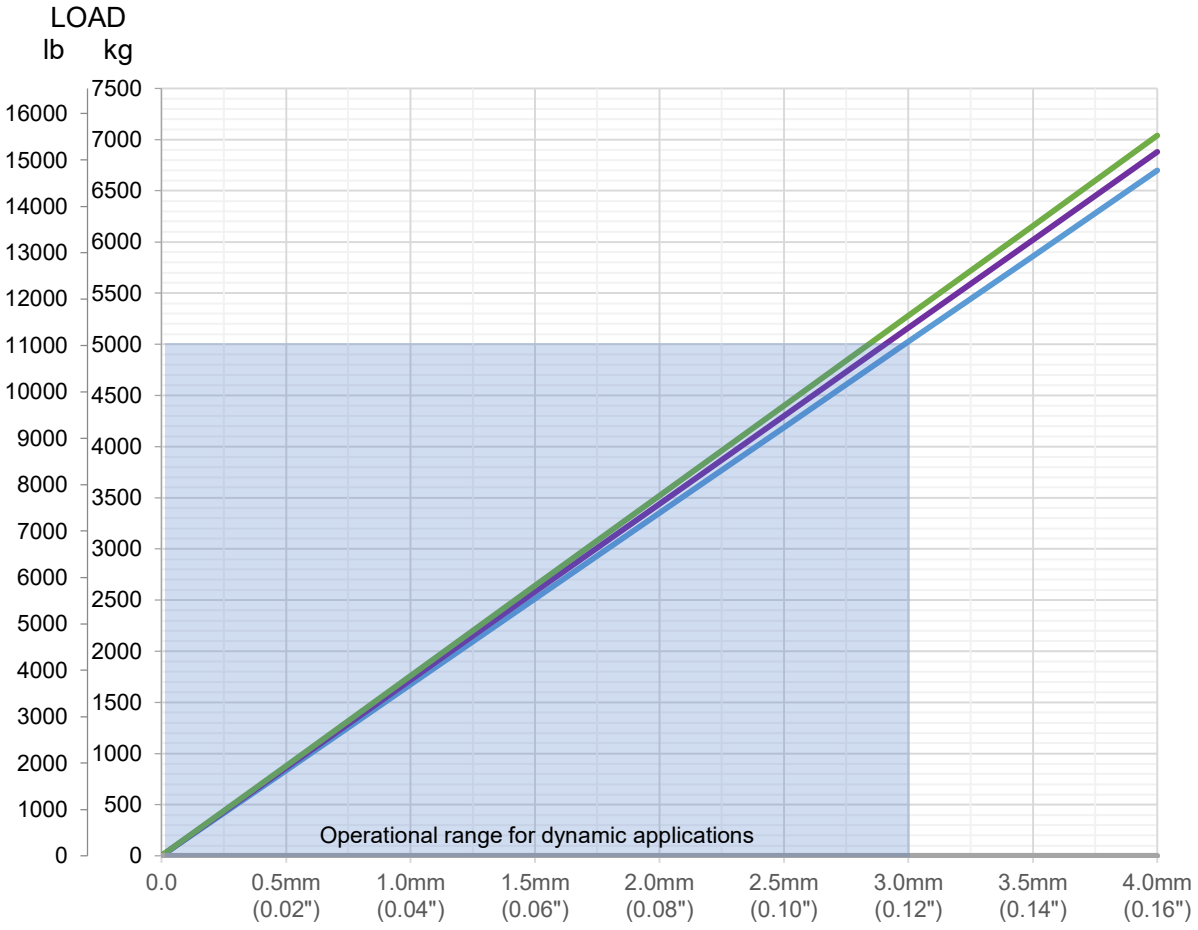
# ISOFLEX MOUNT DATA SHEET - MDV139XHD

## Loading Type: Longitudinal Thrust (T-direction)

LONGITUDINAL THRUST
T - DIRECTION



| Resilient Core Colour | Spring Rate at 2mm | |
|---|---|---|
| | (kg/cm) | (lb/in) |
| Light Blue | 16750 | 93800 |
| Dark Blue | 17200 | 96320 |
| Green | 17600 | 98560 |
| Grey | 18000 | 100800 |




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

Note: Stated spring rate with 2.5mm axial compression simulation load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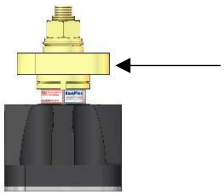
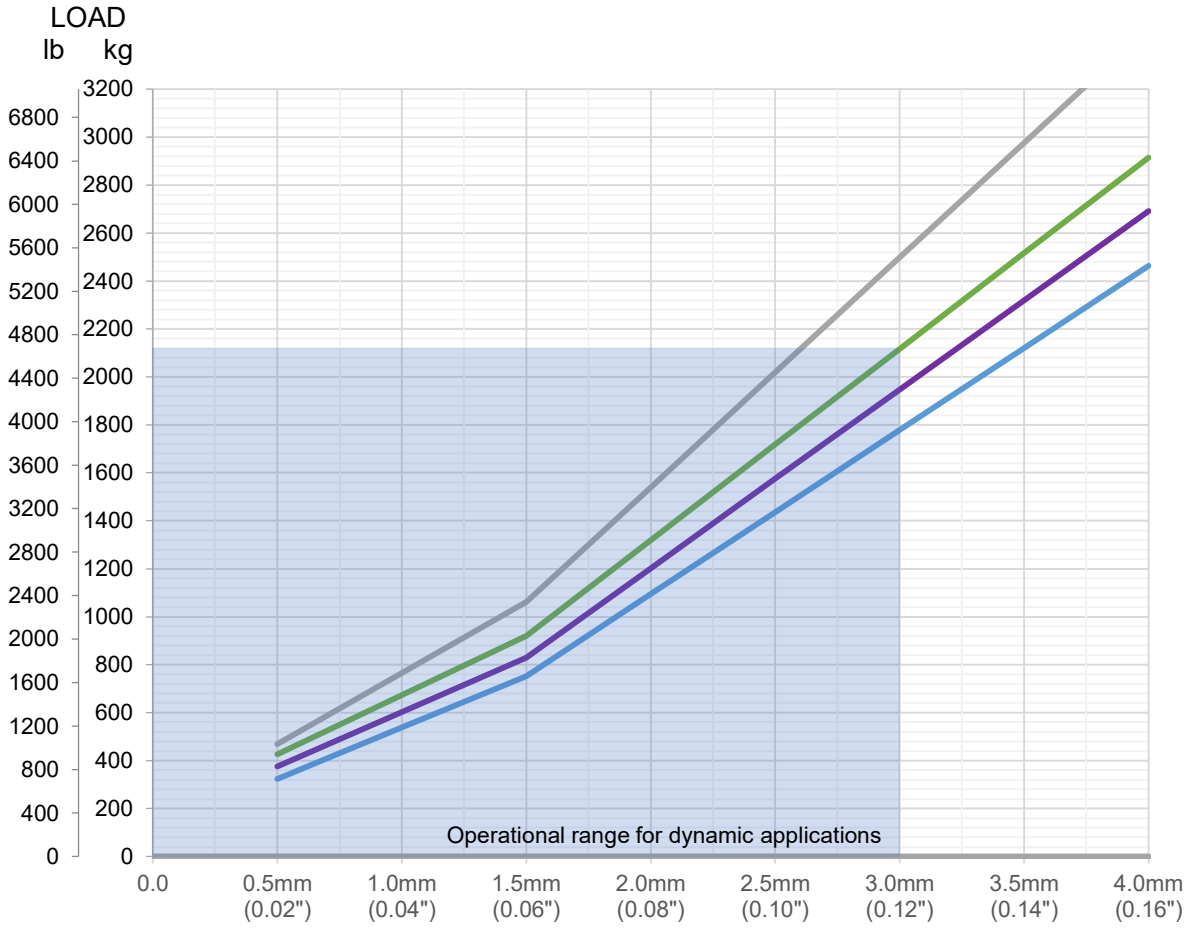
# ISOFLEX MOUNT DATA SHEET - MDV139XHD

## Loading Type: Lateral (L-direction)

LATERAL LOAD
L - DIRECTION



| Resilient Core Colour | Spring Rate at 1mm | |
|---|---|---|
| | (kg/cm) | (lb/in) |
| Light Blue | 4280 | 23970 |
| Dark Blue | 4550 | 25480 |
| Green | 4940 | 27665 |
| Grey | 5930 | 33210 |




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

Note: Stated spring rate with 2.5mm axial compression simulation load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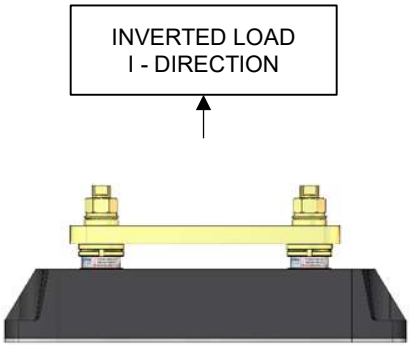
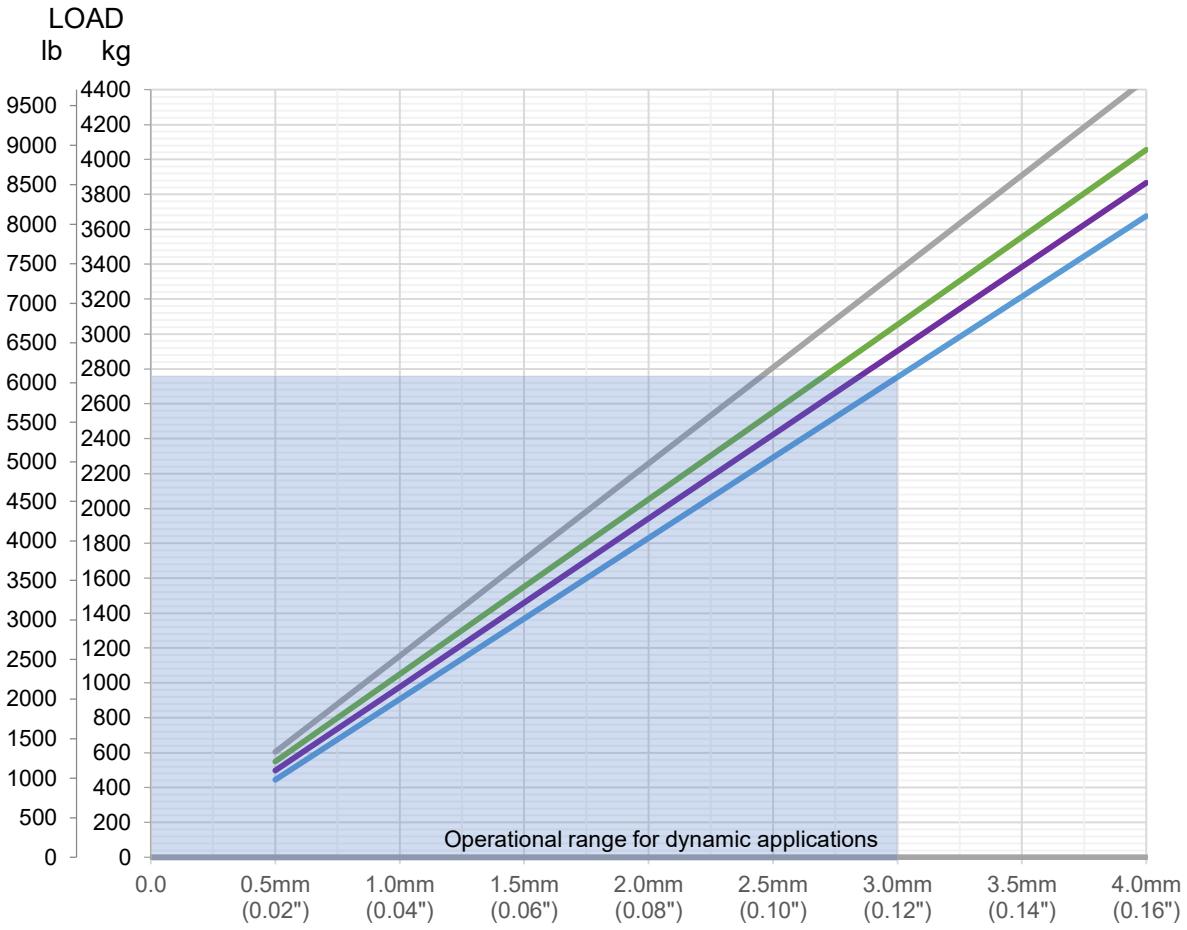
# ISOFLEX MOUNT DATA SHEET - MDV139XHD

## Loading Type: Inverted - Vertical Up (I-direction)




| Resilient Core Colour | Spring Rate at 2mm | |
|---|---|---|
| | (kg/cm) | (lb/in) |
| Light Blue | 9230 | 51690 |
| Dark Blue | 9630 | 53930 |
| Green | 10020 | 56110 |
| Grey | 11020 | 61710 |




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