

# VIBRATION ISOLATION

For HVAC Equipments



## Dynemech

VIBRATION TECHNOLOGY

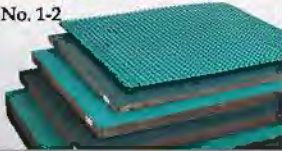
*Vibration Tamed,  
HVAC Efficiency Gained!*



M : +91-9810760131 • E : sales@dynemech.com  
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**VIBRATION INSULATION SHEETS**

Page No. 1-2



**DyneStarke Shock & Vibration Isolation Pads**

Page No. 3



**Dynemech Rituesilire Vibration Isolation Pads**

Page No. 4



**Screw Support Mounts Series DLK, DLK-4**

Page No. 5



**Screw Support Mounts Series DLK-LP**

Page No. 6



**Rubber Air Springs Series DRAS**

Page No. 6



**Mac Level Mounts Series DML**

Page No. 7



**Compac Machinery Mounts Series DH**

Page No. 7



**Screw Support Mounts Series DLM/DLMS**

Page No. 8



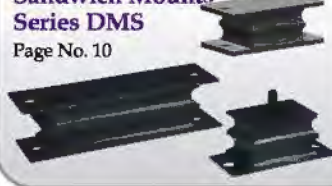
**Flexifoot Mounts Series DGF**

Page No. 9



**Sandwich Mounts Series DMS**

Page No. 10



**Sandwich Mounts Series DSM**

Page No. 10



**Sandwich Mounts Series Du-3L**

Page No. 11



**Dynemech Rubber Buffers/ Rubber Springs**

Page No. 11



**Stud Mounts Series DS**

Page No. 12-13



**Spring Isolators Series MAI/MBI/MDI**

Page No. 14



**Spring Isolators Customized**

Page No. 14



**Spring Isolators Series DSI**

Page No. 15



**Spring Isolators Series RT**

Page No. 16



**Spring Isolators Series MAI-P5-TR1**

Page No. 17



**Spring Isolators Series MBI-FG-OP**

Page No. 17



**Spring Isolators Series MEI**

Page No. 17



**Spring Isolators Series RCD-SP3 & RDD-SP3**

Page No. 18



**Spring Isolators Series MAI-RSTD/MBI-RSTD**

Page No. 18



**Floor Mounted Open Spring Isolators Series DOS**

Page No. 19



**Hanger Type Spring Isolators Series DIH**

Page No. 19



**Floor Mounted Open Spring Isolators Series DOS-B**

Page No. 20



**Floor Mounted Open Spring Isolators Series DOS-D**

Page No. 20



**Spring Isolators Series RBD-OPSD**

Page No. 21



**Spring Isolators Series RDD-OPSD**

Page No. 21



**Spring Viscous Dapshot Series RBD-RT-LV**

Page No. 22-23



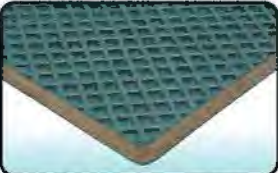
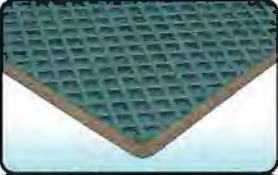

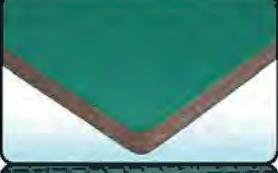
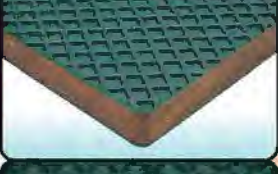

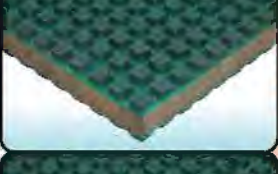
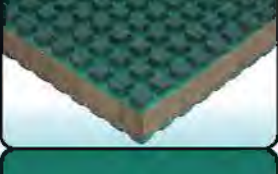
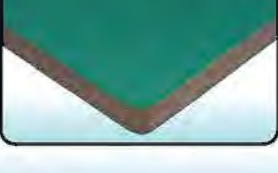
**Applications**

Page No. 24-25

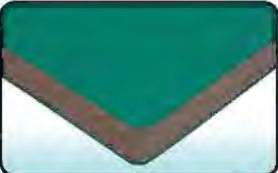
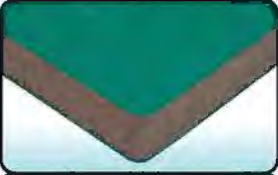
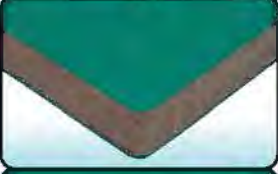

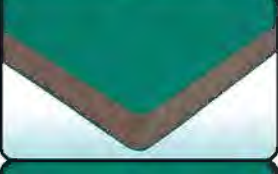
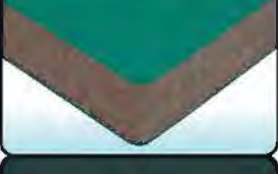


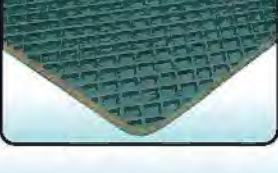


## Vibration Insulation Plates

**Dynamech Insulation Plates** are made from the compound of Nitrile Rubber, Cork, Synthetic Fibre which at varying compositions gives different natural frequencies for providing vibration damping solution to almost every machine tool. These Vibration Insulation plates are resistant to water, oils, lubricating oils, fuels etc. used in the shop floor. The maximum available size for Dp1, Dp3 is 600x600mm. For all other types, it is 500x500mm. These sheets can be cut & supplied to any smaller sizes as per requirements.

	TYPE	LOAD Kg/Sq.cm.	THKS. mm.	Natural Frequency Range (Hz)	Coeff. of Friction	Working Temp. Range °C	Load Test
	Du	3 - 9	15	35-18	0.9	-20 to +70	ASTM D575
	Du-10	3 - 12	10	45-20	0.9	-20 to +70	ASTM D575
	Du-12	3 - 10	12	40-20	0.9	-20 to +70	ASTM D575
	Dm	5 - 10	15	50-30	0.7	-20 to +70	ASTM D575
	Di	5 - 14	25	25-7	0.8	-20 to +70	ASTM D575
	Dp1	1 - 4	15	20-7	0.8	-20 to +70	ASTM D575
	Dp2	1 - 5	20	30-12	0.8	-20 to +70	ASTM D575
	Dp3	2 - 6	24	15-7	0.8	-20 to +70	ASTM D575
	Ds1	2 - 5	20	35-15	0.8	-20 to +70	ASTM D575

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TYPE	LOAD Kg/Sq.cm.	THKS. mm.	Natural Frequency Range (Hz)	Coeff. of Friction	Working Temp. Range °C	Load Test
 Ds2	2 - 8	25	35-8	0.8	-20 to +70	ASTM D575
 Dhs1	5 - 20	65	12-6	0.8	-20 to +70	ASTM D575
 Dhs2	2 - 8	65	8-4	0.8	-20 to +70	ASTM D575
 Dhs3	4 - 28	50	15-7	0.8	-20 to +70	ASTM D575
 Dhs4	3 - 12	50	8-5	0.8	-20 to +70	ASTM D575
 Dhs5	4 - 28	80	12-5	0.8	-20 to +70	ASTM D575
 Dh	10 - 35	15	70-45	0.6	-20 to +70	ASTM D575
 Da1	2 - 18	2	20-45	0.8	-20 to +70	ASTM D575
 Da2	2 - 10	8	21-45	0.9	-20 to +70	ASTM D575

# DyneStarke Shock & Vibration Isolation Pads



*High strength , Exceptional Shock Absorption, High Vibration Damping*

Dynestarke Vibration Isolation Pads, Series DHS6-ML are meticulously engineered using scientifically designed high grade elastomeric synthetic compound and multiply, tightly woven, closely packed light weight fabric that excels in isolating shock and damps high energy vibrations. It enables the DyneStarke Pads to effectively absorb and dissipate the energy generated by vibrations and shock, minimizing their transmission to surrounding structures and equipment. This not only protects the integrity of machinery but also enhances the overall stability , durability and performance of the system.



**Series DHS6-ML**

*Features :*

- ★ Prevent equipment "walking" with anti-skid surface and positive grip when under load.
- ★ Unlike conventional materials, DyneStarke Pads offer superior deflection capabilities, making them highly efficient.
- ★ Exceptional resistance to oil, cleaning compounds, dirt, water, lubricating oils , etc used in shop floor coupled with their robust strength and fatigue resistance, ensures longevity and reliability.

TECHNICAL DATA	
Load (Kg/cm <sup>2</sup> )	527
Thickness (mm)	15, 25
Shore A Hardness	90-92
Tensile Strength (Kg/cm <sup>2</sup> )	97
Working Temp (°C)	-20 to +110
Elongation (%)	215
Young's Modulus (Kg/cm <sup>2</sup> )	22.8
Compression at Max. Load	4-5 mm at 527 Kg/cm <sup>2</sup>
Material/Construction	30 Ply Tightly Woven closely packed Light Weight Fabric Molded with Synthetic Rubber.
Coefficient of Friction	0.7
Natural Frequency at Max. Load	15-20 Hz.



**High Vibration Damping**



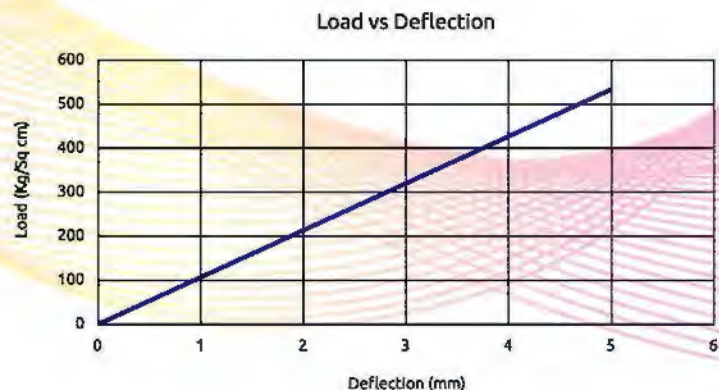
**Life Long & Durable**



**Cost Effective**

## *Applications :*

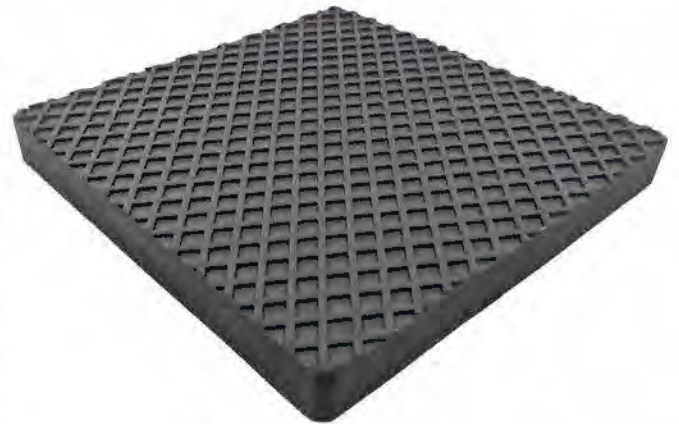
- ★ HVAC Equipments
- ★ Gensets
- ★ Air Handling Units
- ★ Transformers
- ★ Compressors
- ★ Pumps
- ★ Chillers
- ★ Shop Floor Machinery



*All Weather, Climate Resistant Vibration Insulation Plate*

Dynemech Rituresilire Vibration Isolation Pads, Series Du-10-NP are specifically engineered from high grade Chloroprene Rubber elastomeric compound to provide reliable vibration control and insulation in all weather conditions. These pads are designed to withstand various climates, ensuring consistent performance and durability.

These are suitable for outdoor applications, where equipment is exposed to harsh elements. These pads exhibit excellent resistance to weather elements, oils, mildew, sunshine, dampness, and other factors that can potentially degrade their performance.



**Series Du-10-NP**

*Features :*

- ★ This sheet is resistant to water, oils, lubricating oils, fuels, etc. used in shop floor.
- ★ This sheet has defined stress value and can be placed directly under the machine as per the weight of the machine and no. of mounting positions.
- ★ This sheet will not deform plastically, if the weight of machine does not exceed maximum load value of this insulation plate
- ★ The composite material ensures high damping capacity, high compressive strength & high load capacities.

**TECHNICAL DATA**

Load Capacity (Kg/cm <sup>2</sup> )	03-09
Natural Frequency	18-35
Thickness (mm)	10
Coeff. of Friction	0.9
Shore A Hardness	60-65
Tensile Strength (Kg/cm <sup>2</sup> )	100
Elongation (Min.)	250%
Compression Set (Max.)	30%
Color	Black
Flammability Class	UL 94-V0
Working Temp Range (°C)	-20 to +70

*Applications :*

- ★ HVAC Equipments
- ★ Gensets
- ★ Air Handling Units
- ★ Transformers
- ★ Concrete Bases
- ★ Compressors
- ★ Pumps
- ★ Chillers
- ★ AC Units
- ★ Scrubbers



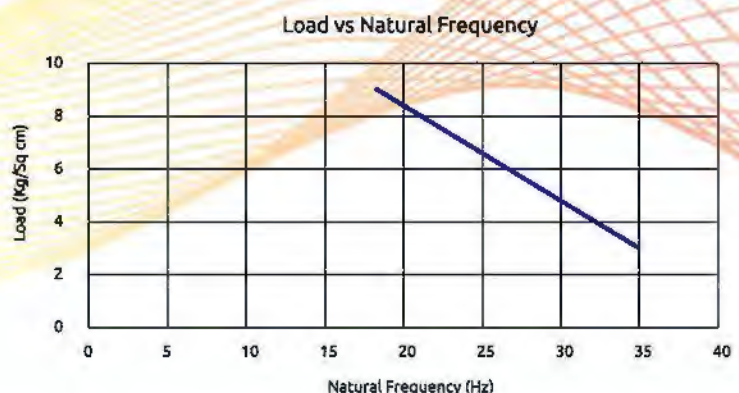
**High Vibration Damping**



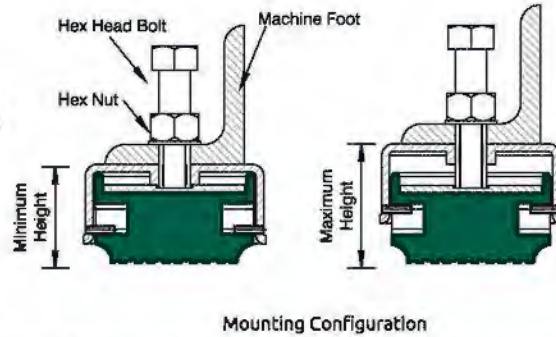
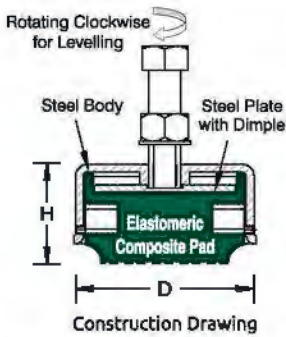
**All Weather**



**Cost Effective**



# Screw Support Mounts Series DLK



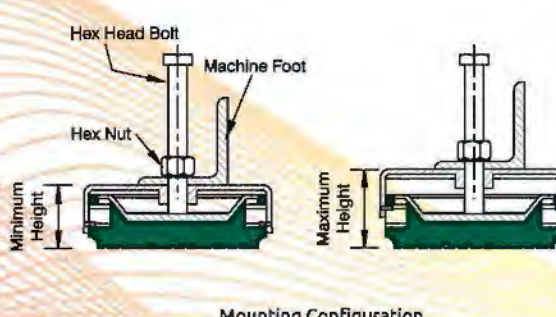
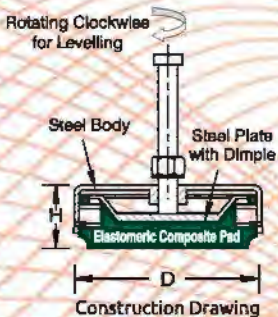
**Series DLK**

DyneMech screw support mounts series DLK are simple and effective vibration dampers for machines with respective holes in the base. These mounts offer both low frequency attenuation and stable machine levelling. The DLK series vibration damping and levelling mounts provide fast and easy installation of machines. DLK series anti vibrations mounts have low carbon steel body and are used for machines having mounting holes in the base. This levelling mount has a cover plate and dimpled bottom plate holding the insulation plate. Levelling of mount is done by tightening the bolt which lifts the cover plate with the machine base.

Model	Load (Kg/pc)	Bolt Size	D (mm)	Height (H) (mm)	Adj. Range (mm)	APPLICATIONS
DLK1-a	580	M12 x 100	92	50	+10	Textile Machines, CNC Machines, Power Presses, Plastic Injection Moulding Machines, Pressure Die Casting Machine, Printing Machines, Compressors, Grinding Machines and All Types of Heavy Industrial Applications.
DLK1-b	750	M12 x 100	92	50	+10	
DLK1-c	900	M12 x 100	92	50	+10	
DLK2-a	1200	M16 x 100	135	50	+10	
DLK2-b	1900	M16 x 100	135	50	+10	
DLK2-c	2600	M16 x 100	135	50	+10	
DLK3-a	2900	M20 x 150	195	58	+12	
DLK3-b	3400	M20 x 150	195	58	+12	
DLK3-c	4200	M20 x 150	195	58	+12	
DLKH2-c	2600	M16 x 100	135	62	+20	
DLKH3-c	4200	M20 x 150	195	72	+20	

Note : Auto Black or Zinc Coated Bolt variants are available.

# Screw Support Mounts Series DLK-4



**Series DLK-4**

DyneMech Screw Support Mounts Series DLK-4 are suitable for heavy machine installations. They provide additional damping in shear and radial directions.

Model	Load (Kg/pc)	Bolt Size	D (mm)	H (mm)	Adj. Range (mm)	APPLICATIONS
DLK4-a	4000	M24 x 150	238	78	20	Textile Machines, CNC Machines, Power Presses, Plastic Injection Moulding Machines, Pressure Die Casting Machines, Printing and Packaging Machines, Compressors, Grinding Machines and All types of Heavy Industrial Applications.
DLK4-b	5000	M24 x 150	238	78	20	
DLK4-c	6000	M24 x 150	238	78	20	

Note : DLK-4 Series Bolt Sizes M-10, M-12, M16, M20, M24, M30 possible on special request.

Note : Auto Black or Zinc Coated Bolt variants are available.

## | Elastomeric Machinery Mounts |

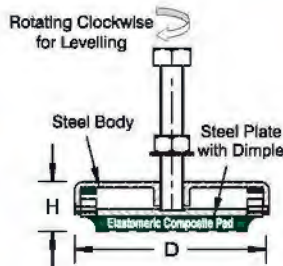
# Dynamech

VIBRATION TECHNOLOGY

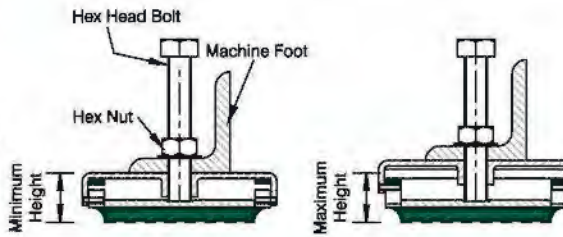
## Screw Support Mounts Series DLK-LP



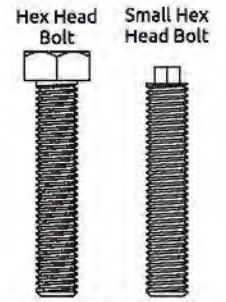
**Series DLK-LP**



Construction Drawing



Mounting Configuration



Note : Please select Bolt Head as per the requirement

Dynemec Screw Support Mounts series DLK-LP are simple and effective vibration dampers for machines with respective holes in the base. These mounts offer both low frequency attenuation and stable machine levelling. The DLK-LP Series has a lower height for fast and easy installation of machines. DLK-LP Series anti vibrations mounts have low carbon steel body and are used for machines having mounting holes in the base. This levelling mount has a cover plate and dimpled bottom plate holding the insulation plate. Levelling is done by tightening the bolt which lifts the cover plate with the machine base.

Model	Load (Kg/pc)	Bolt Size	D (mm)	Height (H) (mm)	Adj. Range (mm)	APPLICATIONS
DLK1-LP-a	580	M12 x 100	93	36.0	+10	Textile Machines, CNC Machines, Power Presses, Plastic Injection Moulding Machines, Pressure Die Casting Machine, Printing Machines, Compressors, Grinding Machines and All Types of Heavy Industrial Applications.
DLK1-LP-b	750	M12 x 100	93	36.0	+10	
DLK1-LP-c	900	M12 x 100	93	36.0	+10	
DLK2-LP-a	1200	M16 x 100	135	34.5	+10	
DLK2-LP-b	1900	M16 x 100	135	34.5	+10	
DLK2-LP-c	2600	M16 x 100	135	34.5	+10	
DLK3-LP-a	2900	M20 x 150	187	34.5	+10	
DLK3-LP-b	3400	M20 x 150	187	34.5	+10	
DLK3-LP-c	4200	M20 x 150	187	34.5	+10	

Note : DLK-LP Series Bolt Sizes M-10, M-12, M16, M20, M24, M30 possible on special request.

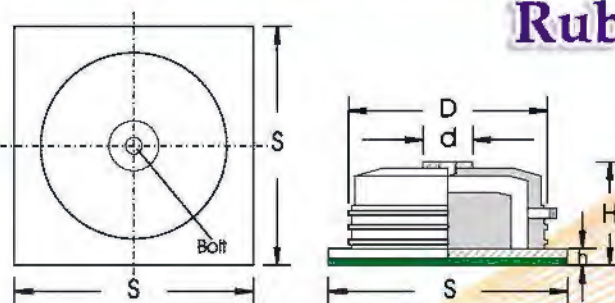
Note : Auto Black or Zinc Coated Bolt variants are available.

## | Pneumatic Mounts |

### Rubber Air Springs Series DRAS



**Series DRAS**



Dynemec Rubber Air Springs DRAS provide highly effective isolation of machines against low frequency vibration/ impact. The element offers a vertical natural frequencies between 2.5 to 6.0 Hz\*. The component has vertical to horizontal stiffness ratio of approximately 1. Suited for both active and passive vibration control.

Model	Load (Kg/pc)	Max. Pressure Bar	S (mm)	D (mm)	H App. (mm)	d (mm)	h (mm)	Bolt
DRAS1	25 - 60	3	96	85	64	42	6	M10
DRAS2	80 - 300	5	126	123	69	80	6	M12
DRAS3	270 - 800	6	182	175	85	100	6	M16
DRAS4	650 - 1500	6	252	250	105	127	8	M16
DRAS5	1200 - 3400	6	370	357	105	200	8	M20
DRAS6	3000 - 6500	6	500	480	110	315	8	M20

Applications: Active isolation of high speed power presses, textile machines, vibration test rigs, engine test beds, blowers etc. and passive isolation of measuring & testing machines/equipments, high precision grinding/polishing machines, surfaces plates, spectrometers, induction heaters etc.

Note : Auto Black or Zinc Coated Bolt variants are available.

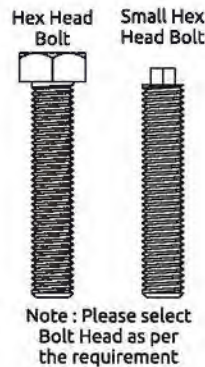
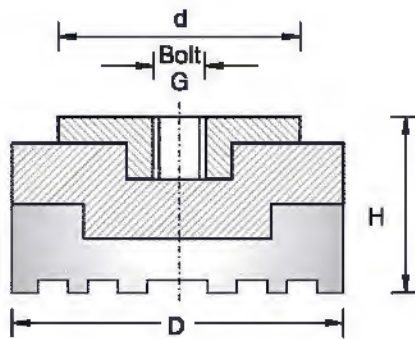


## Elastomeric Machinery Mounts

### Mac Level Mounts Series DML

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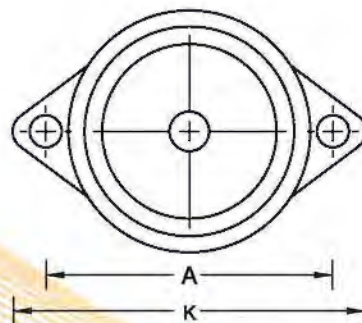
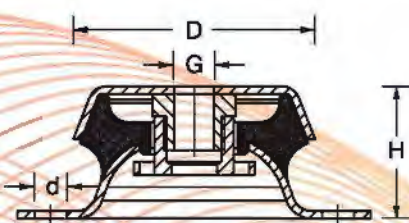


Dynamech Mac Level, Series DML is suitable for high speed rotating machines having small or no axial forces.

Model	Max.Load (Kg)	D (mm)	H (mm)	d (mm)	Levelling Adjustment (mm)	Natural Frequency at Max. Load (Hz)	Bolt G
DML 1	175	50	40	32	+10	7	M10
DML 2	500	80	47	45	+12	7	M12
DML 3	1200	120	53	60	+12	7	M16
DML 4	2000	160	58	90	+20	8	M16
DML 5	4000	200	63	120	+20	8	M20

Note : Auto Black or Zinc Coated Bolt variants are available.

### Compac Machinery Mounts Series DH

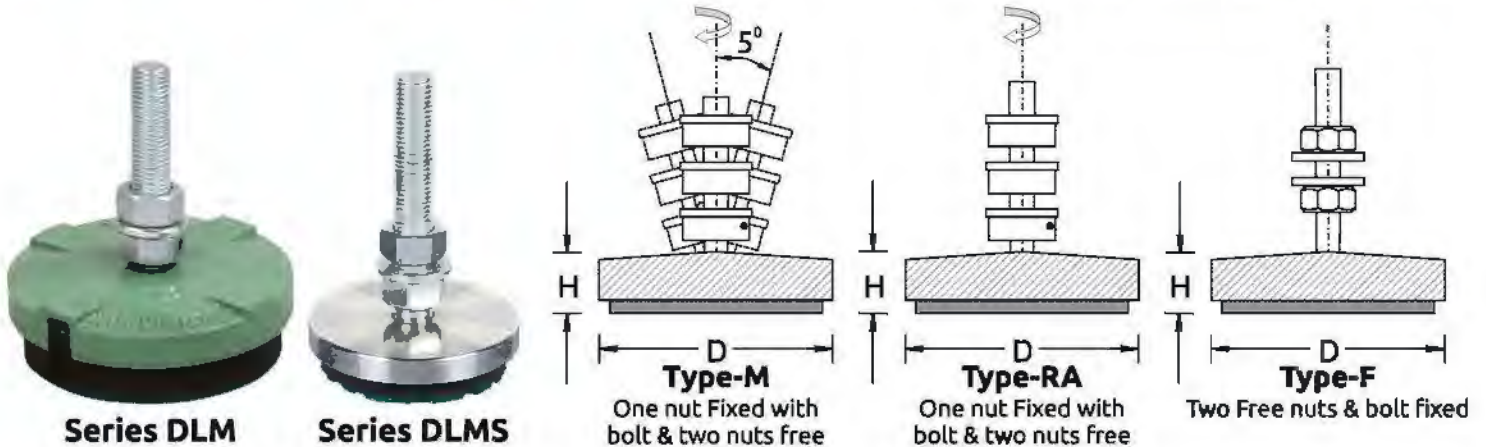


**Series-DH**

Dynamech Compac Machinery Mounts uses rubber in compression and shear, They provide tight tolerances on stiffness rate for accurate vibration calculations. Load range is from 70-130 Kgs per piece. The strong base metal withstands high shock loads without deformation. Dome shaped cover protects against oil contamination . Light weight and compact.

**Ideal for Diesel Engines, Compressors Cooling Towers, Pumps, Industrial Generators, Marine Generators, ID, FD Fans etc.**

Model	D (mm)	A (mm)	H (mm)	K (mm)	d (mm)	G	Weight (Kg.)	Load Capacity (Kg.)
DH 1	64	76	35	93	9.5	M12/M10	0.22	130
DH 2	64	76	35	93	9.5	M12/M10	0.22	105
DH 3	64	76	35	93	9.5	M12/M10	0.22	70



Dynemecch DLM/DLMS series mounts, developed in low carbon steel and stainless steel respectively are simple and effective vibration dampers for machines with respective holes in the base. These mounts offer low frequency attenuation, stable machine leveling and vibration reduction. The flexible levelling screw accommodates uneven/sloped surfaces.

**Series DLMS** is used where stainless steel is desired for environmental reasons like in pharmaceutical, food and beverages processing and packaging units, medical equipments manufacturing and chemical processing industries.

These are available in three variants of M, RA and F.

**Type M** : - The bolt can rotate on its axis and moves radially provides compensation of ground unevenness of up to 5° and simple levelling with a great levelling range. The levelling is done by rotating the hex provided at the base of the bolt just above the mount body. Machine base must have a tapped hole. One free nut and washer is provided for clamping after the levelling is completed

**Type RA** : - The bolt can rotate on its axis and provides simple levelling with a great levelling range. The levelling is done by rotating the hex provided at the base of the bolt just above the mount body. Machine base must have a tapped hole. One free nut and washer is provided for clamping after the levelling is completed.

**Type F** : - The bolt is fixed with the mount body. Two free nuts and a washer is provided. Machine base rests over the bottom nut and washer. Levelling is done by rotating the bottom nut. Machine base must have plain holes. The top nut is used for clamping after the levelling is completed.

Model	Load Capacity (Kg/pc)	Height (H) (mm)	Dia (D) (mm)	Bolt Size
DLM1-u	150	55	21	M16 x 100
DLM2-u	350	85	28	M16 x 100
DLM3-u	600	112	28	M16 x 150
DLM4-u	900	135	30	M16 x 150
DLM1-p2	100	55	26	M16 x 100
DLM2-p2	200	85	29	M16 x 100
DLM3-p2	400	112	33	M16 x 150
DLM4-p2	600	135	35	M16 x 150
DLM1-p3	110	55	30	M16 x 100
DLM2-p3	270	85	33	M16 x 100
DLM3-p3	460	112	37	M16 x 150
DLM4-p3	740	135	39	M16 x 150
DLM1-s1	110	55	26	M16 x 100
DLM2-s1	220	85	29	M16 x 100
DLM3-s1	380	112	33	M16 x 150
DLM4-s1	620	135	35	M16 x 150
DLM1-s2	125	55	31	M16 x 100
DLM2-s2	300	85	34	M16 x 100
DLM3-s2	550	112	38	M16 x 150
DLM4-s2	850	135	40	M16 x 150

Note : Bolt size may vary as per requirements.

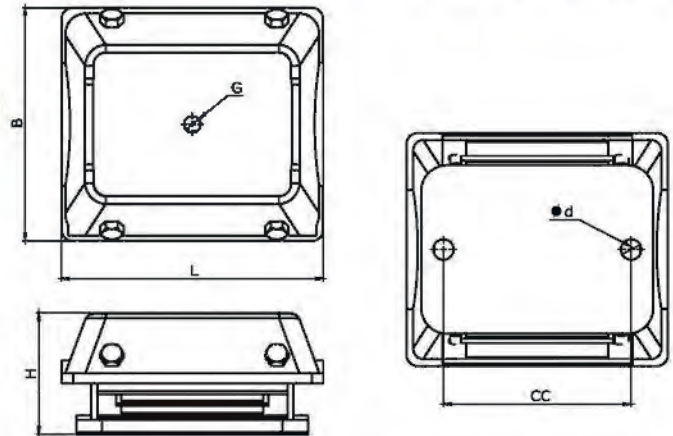
## Flexifoot Mounts Series DGF

# Dynamech

VIBRATION TECHNOLOGY



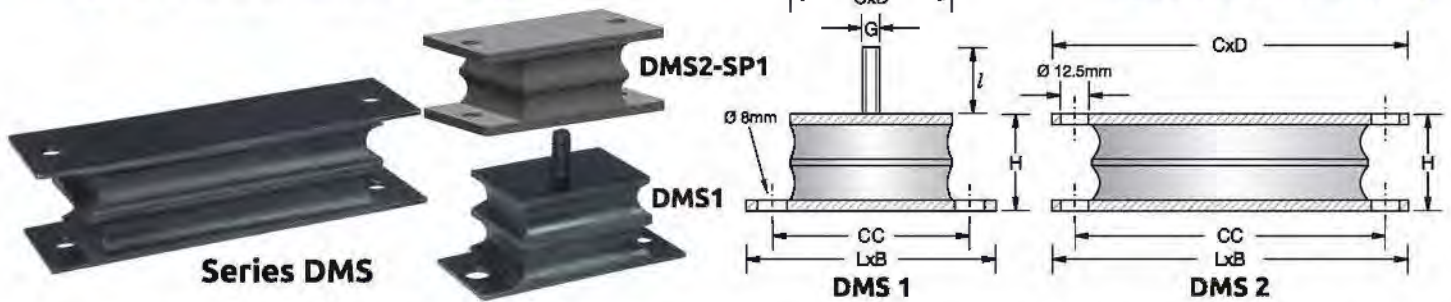
**Series DGF**



Dynemecch Flexi Foot Mounts, Series DGF is well suited for machines requiring vibration damping in both compression and shear. An anti skid plate is provided in the base of the mount to prevent machine walking. These mounts can also be anchored to the floor through the holes provided in the base for machines producing high unbalance forces.

**Applications :** Generators, Blowers, Pumps, ID & FD Fans, Cooling Towers, etc.

Sl. No.	Model	Max.Load (Kg)	L (mm)	B (mm)	H (mm)	Bolt (G)	cc (mm)	dØ	Natural Frequency at Max. Load (Hz)
1.	DGF0-A	60	100	100	85	M10	73	12	6.0
2.	DGF0-B	75	100	100	85	M10	73	12	6.0
3.	DGF0-C	120	100	100	85	M10	73	12	6.5
4.	DGF0-D	200	100	100	85	M10	73	12	6.5
5.	DGF0-E	250	100	100	85	M10	73	12	7.0
6.	DGF1-A-UNM	75	129	129	72	M12	89	11	6.0
7.	DGF1-B-UNM	100	129	129	72	M12	89	11	6.0
8.	DGF1-C-UNM	150	129	129	72	M12	89	11	6.5
9.	DGF1-D-UNM	225	129	129	72	M12	89	11	6.5
10.	DGF1-E-UNM	300	129	129	72	M12	89	11	6.5
11.	DGF1-A	75	127	134	82	M12	85	13	6.0
12.	DGF1-B	100	127	134	82	M12	85	13	6.0
13.	DGF1-C	150	127	134	82	M12	85	13	6.5
14.	DGF1-D	225	127	134	82	M12	85	13	6.5
15.	DGF1-E	300	127	134	82	M12	85	13	6.5
16.	DGF2-A	250	230	205	109	M16	159	18	6.5
17.	DGF2-B	500	230	205	109	M16	159	18	6.5
18.	DGF2-C	850	230	205	109	M16	159	18	7.0
19.	DGF2-D	1100	230	205	109	M16	159	18	7.0
20.	DGF2-E	1575	230	205	109	M16	159	18	7.0
21.	DGF2-A-RTH	250	230	205	109	M16	165	18	6.5
22.	DGF2-B-RTH	500	230	205	109	M16	165	18	6.5
23.	DGF2-C-RTH	850	230	205	109	M16	165	18	7.0
24.	DGF2-D-RTH	1100	230	205	109	M16	165	18	7.0
25.	DGF2-E-RTH	1575	230	205	109	M16	165	18	7.0
26.	DGF2-A-RTH-Da1	250	230	205	111.5	M16	165	18	6.5
27.	DGF2-B-RTH-Da1	500	230	205	111.5	M16	165	18	6.5
28.	DGF2-C-RTH-Da1	850	230	205	111.5	M16	165	18	7.0
29.	DGF2-D-RTH-Da1	1100	230	205	111.5	M16	165	18	7.0
30.	DGF2-E-RTH-Da1	1575	230	205	111.5	M16	165	18	7.0

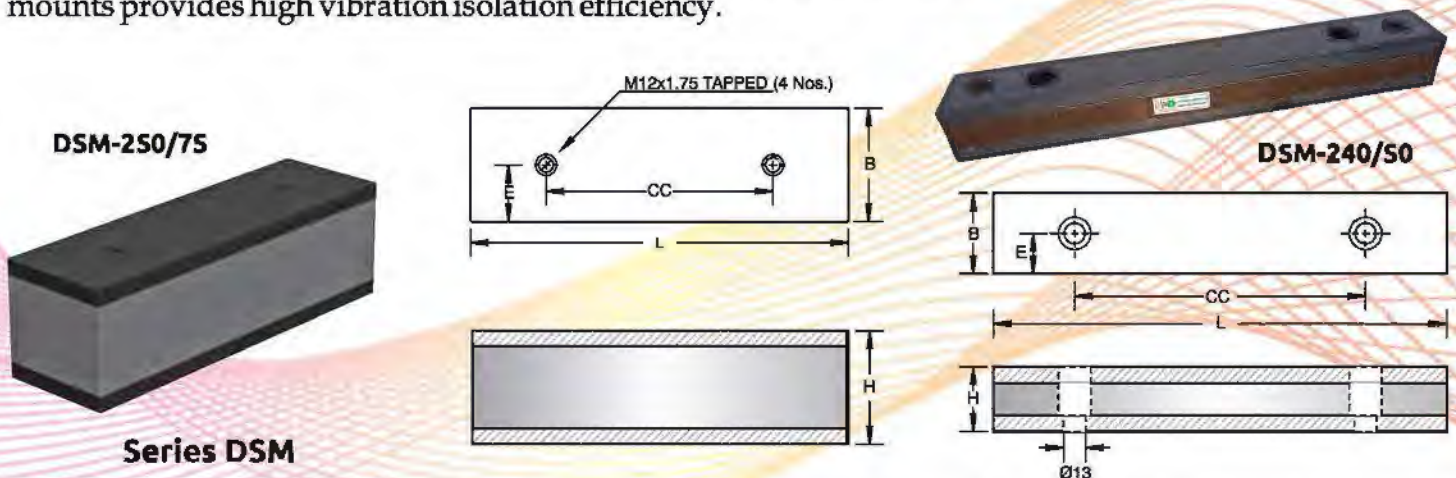


Dynemech Sandwich Mounts Series DMS comprise one or more layers of elastomer bonded to flat steel plates. They are designed to withstand very high compressive loads. These mounts have large supporting surface area and are slim. These mounts can also be stacked to achieve lower natural frequencies.

S.No.	Model	MAX Load (Kg)	LxB (mm)	CxD (mm)	CC (mm)	H (mm)	l (mm)	Natural Frequency (Hz)	Bolt G	d	Thickness of Steel Plate
1.	DMS1-A	40	88x41	57x41	72	38	18	6.0	M8	8	4
2.	DMS1-B	50	88x41	57x41	72	38	18	6.0	M8	8	4
3.	DMS1-C	75	88x41	57x41	72	38	18	6.5	M8	8	4
4.	DMS1-D	120	88x41	57x41	72	38	18	6.5	M8	8	4
5.	DMS1-E	150	88x41	57x41	72	38	18	7.0	M8	8	4
6.	DMS2-A	125	165x54	165x54	140	44	-	6.5	-	12	6
7.	DMS2-B	250	165x54	165x54	140	44	-	6.5	-	12	6
8.	DMS2-C	425	165x54	165x54	140	44	-	7.0	-	12	6
9.	DMS2-D	550	165x54	165x54	140	44	-	7.0	-	12	6
10.	DMS2-E	800	165x54	165x54	140	44	-	7.0	-	12	6
11.	DMS2-A-SP1	140	110x60	110x60	89	43	-	6.5	-	12	6
12.	DMS2-B-SP1	270	110x60	110x60	89	43	-	6.5	-	12	6
13.	DMS2-C-SP1	450	110x60	110x60	89	43	-	7.0	-	12	6
14.	DMS2-D-SP1	600	110x60	110x60	89	43	-	7.0	-	12	6
15.	DMS2-E-SP1	850	110x60	110x60	89	43	-	7.0	-	12	6

## Sandwich Mounts Series DSM

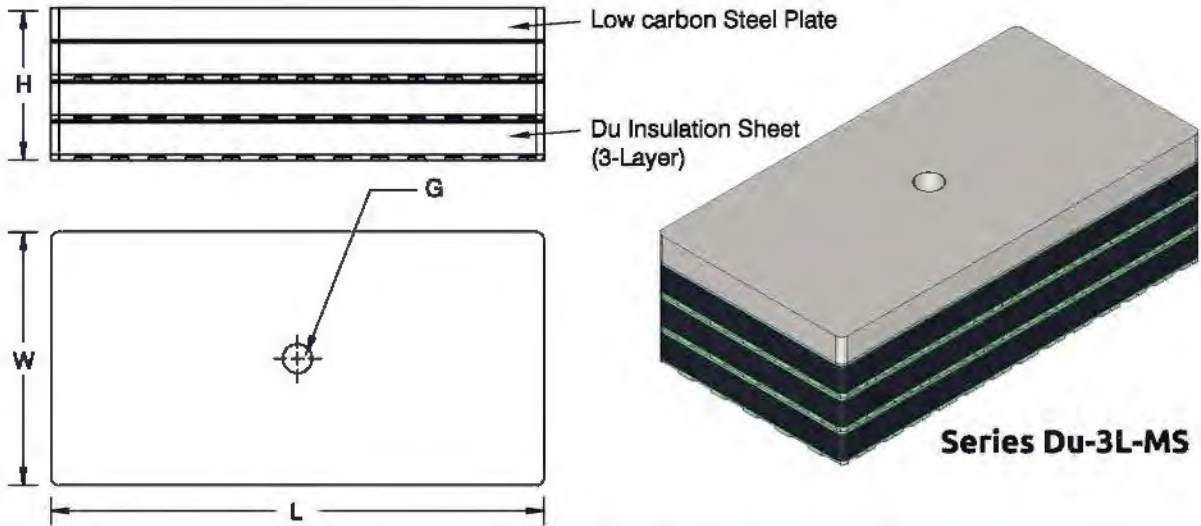
Dynemech Sandwich Mounts Series DSM are available in various standard and customized sizes. These mounts provides support to motors, pumps and equipment installed on a machine body. These mounts provides high vibration isolation efficiency.



S.No.	Model	MAX Load (Kg./pc)	Length L (mm)	Width B (mm)	Height H (mm)	Bolt	CC (mm)	Thru. Hole (mm)
1.	DSM-250/75	3500	250	75	75	M12x1.75	150	---
2.	DSM-240/50	4500	240	50	40	---	180	20

## Sandwich Mounts Series Du-3L

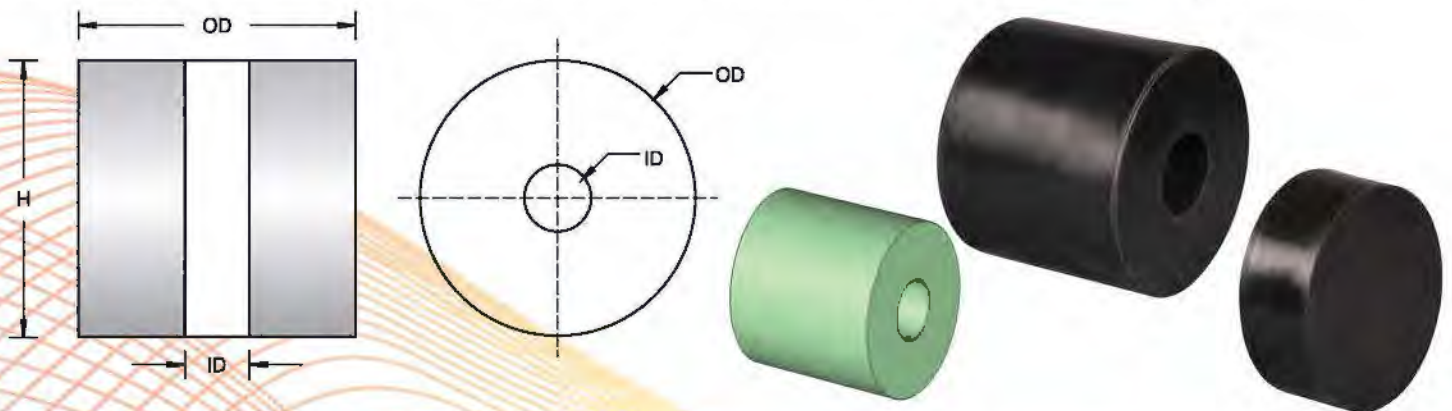
The sandwich mounts comprise one or more layers of elastomer bonded to flat steel plates. They are designed to withstand very high compressive loads. These mounts have large supporting surface area and are slim. These mounts can also be stacked to achieve lower natural frequencies.



S.No.	Model	MAX Load (Kg./pc)	Length L (mm)	Width W (mm)	Height H (mm)	Bolt
1.	Du-3L-MS	1580	185	95	57	M14

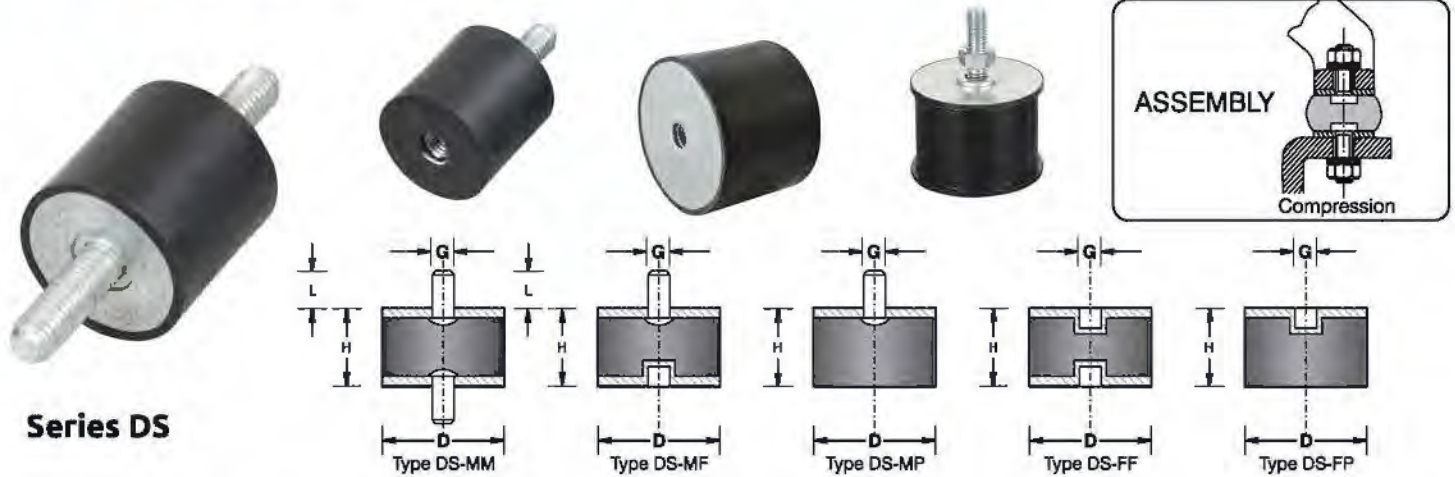
## Dynemech Rubber Buffers/Rubber Springs Series

Dynemech Rubber Bushes are available in various standard and customized sizes. They are made from different types of rubber material and fabric reinforcements based in the application requirements.



S. No.	Model	Load Capacity (Kg)	Outer Dia OD (mm)	Inner Dia. ID (mm)	Height H (mm)	Shore A Hardness	Natural Frequency (Hz)	Deflection Under Load (mm)	Working Temp. Range (°C)
1.	RB 100-125	750	100	—	125	70-75	7	18	-16 TO 90
2.	RB 165-60	1400	165	100	60	80-85	8	9	-16 TO 90
3.	DLKI 5-175	9000	200	68	175	80-85	7	26	-16 TO 90
4.	DLKI 4	6000	220	50	100	70-75	7	15	-16 TO 90
5.	NEOPRENE SPRING 82-105	500	82	51	105	70-75	7	15	-16 TO 90
6.	DSC 60-50T-13.5	200	60	13.5	50	80-85	6	7.5	-16 TO 90
7.	INSULATION DISC M16	95	40	17	25	70-75	8	5	-16 TO 90
8.	INSULATION DISC M20	160	52	21	25	70-75	8	5	-16 TO 90
9.	INSULATION DISC M30	400	75	31	25	70-75	8	5	-16 TO 90

Note : Customized sizes, material specifications and shore hardness can be possible as per customer's requirements.



**Series DS**

**DYNEMECH Stud Mounts, Series DS** are highly effective and compact vibration dampers for a variety of applications like - Compressors, Pumps, ID & FD Fans, Motors, Machine Tools, Gensets, Air Conditioners, Measuring and Testing Equipments/Instruments, Material Handling Equipments, Laboratory Equipments etc. These mounts can be used for load applications in compression.

Sl. No.	MODEL	D (mm)	H (mm)	G Thread	L (mm)	LOAD (Kg)	NATURAL FREQUENCY (Hz)
1.	DS a 10-10	10	10	M4	16	2	12
2.	DS b 10-10	10	10	M4	16	4	15
3.	DS c 10-10	10	10	M4	16	6.5	15
4.	DS a 15-15	15	15	M4	16	4	12
5.	DS b 15-15	15	15	M4	16	9	12
6.	DS c 15-15	15	15	M4	16	15	12
7.	DS a 20-15	20	15	M6	16	9	12
8.	DS b 20-15	20	15	M6	16	18	12
9.	DS c 20-15	20	15	M6	16	25	12
10.	DS a 20-25	20	25	M6	16	7	10
11.	DS b 20-25	20	25	M6	16	16	10
12.	DS c 20-25	20	25	M6	16	24	12
13.	DS a 20-30	20	30	M6	16	10	10
14.	DS b 20-30	20	30	M6	16	20	10
15.	DS c 20-30	20	30	M6	16	30	12
16.	DS a 22-09	22	09	M6	16	8	10
17.	DS b 22-09	22	09	M6	16	18	10
18.	DS c 22-09	22	09	M6	16	26	12
19.	DS a 22-25	22	25	M6	16	9	12
20.	DS b 22-25	22	25	M6	16	18	12
21.	DS c 22-25	22	25	M6	16	27	12
22.	DS a 22-35	22	35	M6	16	10	12
23.	DS b 22-35	22	35	M6	16	19	12
24.	DS c 22-35	22	35	M6	16	28	12
25.	DS a 25-25	25	25	M8	33	12	12
26.	DS b 25-25	25	25	M8	33	28	12
27.	DS c 25-25	25	25	M8	33	39	12
28.	DS a 25-30	25	30	M8	33	10	9
29.	DS b 25-30	25	30	M8	33	22	9
30.	DS c 25-30	25	30	M8	33	30	9
31.	DS a 30-30	30	30	M8	33	17	8
32.	DS b 30-30	30	30	M8	33	37	8
33.	DS c 30-30	30	30	M8	33	57	8
34.	DS a 40-30	40	30	M10	38	34	7
35.	DS b 40-30	40	30	M10	38	70	8
36.	DS c 40-30	40	30	M10	38	110	8
37.	DS a 40-35	40	35	M10	38	40	7
38.	DS b 40-35	40	35	M10	38	75	8
39.	DS c 40-35	40	35	M10	38	114	8

## Stud Mounts Series DS



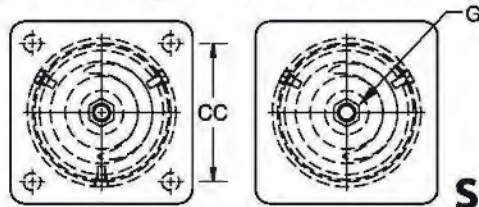
DYNEMECH Stud Mounts, Series DS are highly effective and compact vibration dampers for a variety of applications like - Compressors, Pumps, ID & FD Fans, Motors, Machine Tools, Gensets, Air Conditioners, Measuring and Testing Equipments/Instruments, Material Handling Equipments, Laboratory Equipments etc. These mounts can be used for load applications in compression.

Sl. No.	MODEL	D (mm)	H (mm)	G Thread	L (mm)	LOAD (Kg)	NATURAL FREQUENCY (Hz)
40.	DS a 40-40	40	40	M10	38	30	7
41.	DS b 40-40	40	40	M10	38	60	8
42.	DS c 40-40	40	40	M10	38	95	8
43.	DS a 50-20	50	20	M10	38	45	8
44.	DS b 50-20	50	20	M10	38	90	8
45.	DS c 50-20	50	20	M10	38	135	8
46.	DS a 50-30	50	30	M10	38	50	8
47.	DS b 50-30	50	30	M10	38	100	8
48.	DS c 50-30	50	30	M10	38	150	8
49.	DS a 50-45	50	45	M10	38	55	8
50.	DS b 50-45	50	45	M10	38	110	8
51.	DS c 50-45	50	45	M10	38	160	8
52.	DS a 50-50	50	50	M10	38	60	8
53.	DS b 50-50	50	50	M10	38	115	8
54.	DS c 50-50	50	50	M10	38	165	8
55.	DS a 60-25	60	25	M10	38	85	6
56.	DS b 60-25	60	25	M10	38	170	7
57.	DS c 60-25	60	25	M10	38	250	7
58.	DS a 60-30	60	30	M10	38	70	7
59.	DS b 60-30	60	30	M10	38	140	7
60.	DS c 60-30	60	30	M10	38	190	7
61.	DS a 60-45	60	45	M10	38	75	7
62.	DS b 60-45	60	45	M10	38	150	7
63.	DS c 60-45	60	45	M10	38	200	7
64.	DS a 60-55	60	55	M10	38	80	7
65.	DS b 60-55	60	55	M10	38	155	7
66.	DS c 60-55	60	55	M10	38	205	7
67.	DS a 75-25	75	25	M16	48	115	6
68.	DS b 75-25	75	25	M16	48	250	7
69.	DS c 75-25	75	25	M16	48	380	7
70.	DS a 75-55	75	55	M16	48	125	6
71.	DS b 75-55	75	55	M16	48	275	7
72.	DS c 75-55	75	55	M16	48	400	7
73.	DS a 80-60	80	60	M16	48	150	6
74.	DS b 80-60	80	60	M16	48	300	7
75.	DS c 80-60	80	60	M16	48	450	7
76.	DS a 100-45	100	45	M16	48	240	7
77.	DS b 100-45	100	45	M16	48	490	7
78.	DS c 100-45	100	45	M16	48	735	7
79.	DS a 100-55	100	55	M16	48	250	7
80.	DS b 100-55	100	55	M16	48	500	7
81.	DS c 100-55	100	55	M16	48	750	7
82.	DS a 100-90	100	90	M16	48	275	7
83.	DS b 100-90	100	90	M16	48	550	7
84.	DS c 100-90	100	90	M16	48	900	7
85.	DS a 105-55	105	55	M16	48	255	7
86.	DS b 105-55	105	55	M16	48	505	7
87.	DS c 105-45	105	55	M16	48	755	7
88.	DS a 125-45	125	45	M16	48	425	7
89.	DS b 125-45	125	45	M16	48	785	8
90.	DS c 125-45	125	45	M16	48	1100	8
91.	DS a 150-55	150	55	M16	48	450	7
92.	DS b 150-55	150	55	M16	48	800	8
93.	DS c 150-55	150	55	M16	48	1300	8
94.	DS a 250-125	250	125	M24	80	12000	7
95.	DS b 250-125	250	125	M24	80	15000	8
96.	DS c 250-125	250	125	M24	80	20500	8

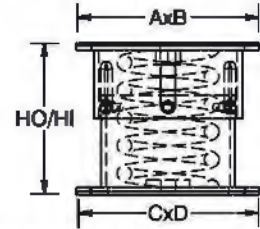
A spring isolator gives desired natural frequency to obtain phase difference in the frequencies for a rotating machine and HVAC Equipments. Viscous damping is an important feature of an isolation system. In most cases viscous damping is required to limit excessive movement which could occur as a machine operates at a speed near to, or coinciding with the resonant frequencies of the system. Generally this problem arises during slow run up and run down of rotating machines.



**Series MAI**



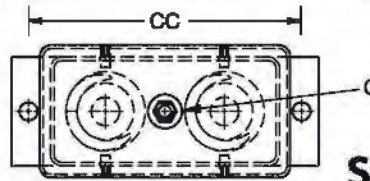
**Series MAI**



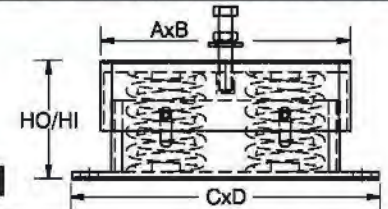
S.No.	Model	LOAD (kg)	HO (mm)	HI (mm)	Bolt Size G	Top Plate AxB (mm)	Bottom Plate CxD (mm)	CC (mm)	Natural Frequency (Hz)
1.	MAI-H2	25-200	66	86	M12	110x110	110x110	90	3.5-10
2.	MAI-J2	30-300	84	101	M12	125x125	125x125	95	3.5-11
3.	MAI-L3	50-500	84	101	M12	125x125	125x125	95	3.5-11
4.	MAI-K3	200-850	69	75	M12	125x125	125x125	95	5.0-10
5.	MAI-P5	250-900	82	91	M12	125x125	125x125	95	5.0-09
6.	MAI-P3	500-1400	92	101	M12	125x125	125x125	95	5.0-09



**Series MBI**



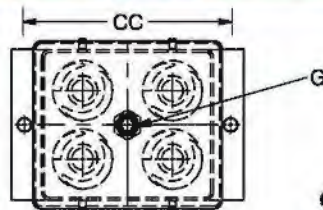
**Series MBI**



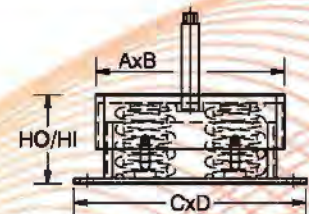
S.No.	Model	LOAD (kg)	HO (mm)	HI (mm)	Bolt Size G	Top Plate AxB (mm)	Bottom Plate CxD (mm)	CC (mm)	Natural Frequency (Hz)
1.	MBI-J4	60-580	96	110	M12	221x117	271x096	241	3.5-11
2.	MBI-L4	10-1000	86	105	M12	221x117	271x096	241	3.5-11
3.	MBI-K4	400-1700	69	80	M12	189x119	241x101	211	5.0-10
4.	MBI-P5	500-1800	86	95	M12	236x121	291x106	261	5.0-10
5.	MBI-P4	1000-2800	91	105	M12	221x117	271x096	241	5.0-08



**Series MDI**



**Series MDI**



S.No.	Model	LOAD (kg)	HO (mm)	HI (mm)	Bolt Size G	Top Plate AxB (mm)	Bottom Plate CxD (mm)	CC (mm)	Natural Frequency (Hz)
1.	MDI-L6	200-2000	86	105	M16	221x196	271x176	241	3.5-11
2.	MDI-J6	110-1200	83	105	M16	221x196	271x176	241	3.5-11
3.	MDI-K6	800-3400	69	85	M16	189x164	241x146	211	5.0-10
4.	MDI-P6	2000-5500	96	105	M16	221x196	271x176	241	5.0-08
5.	MDI-P5	1000-3000	86	95	M16	240x240	291x221	261	5.0-10

Note : HI - Free Height, HO - Height under load



## Spring Isolators Customized

Dynemech Spring Isolator can also be customized as per customer's required dimensions and load capacity.

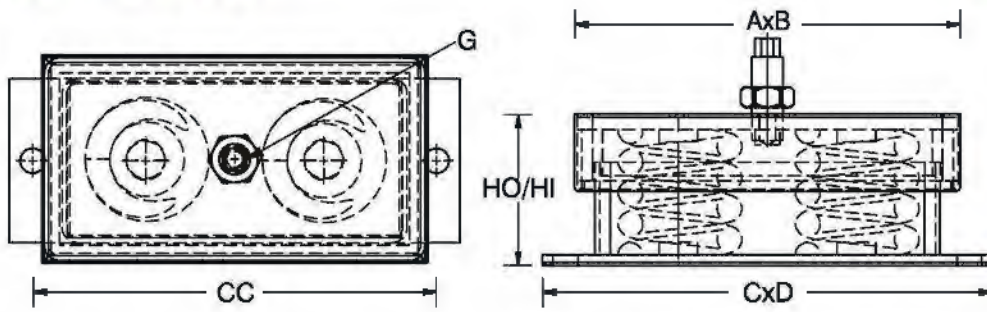


| Enclosed Spring Isolators with Viscous Damping |

# Spring Isolators Series DSI

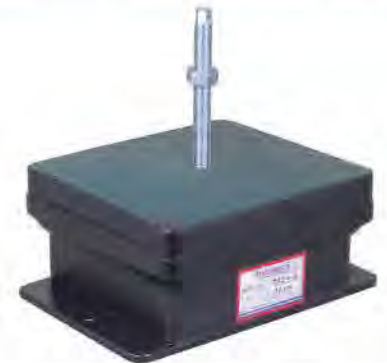
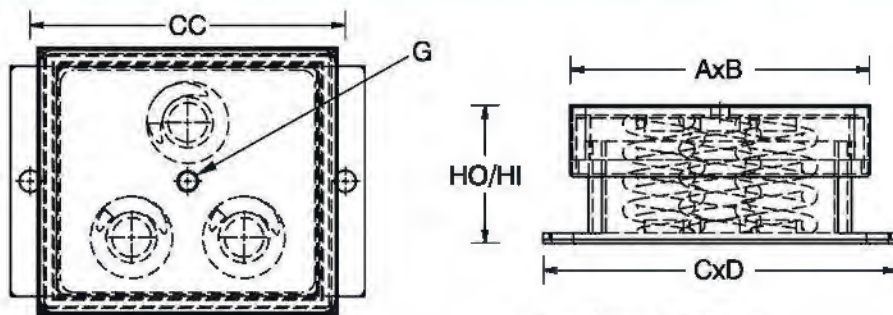
# Dynemech

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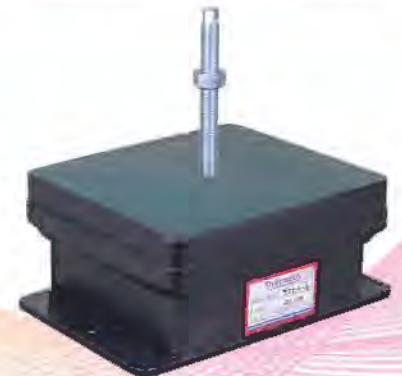
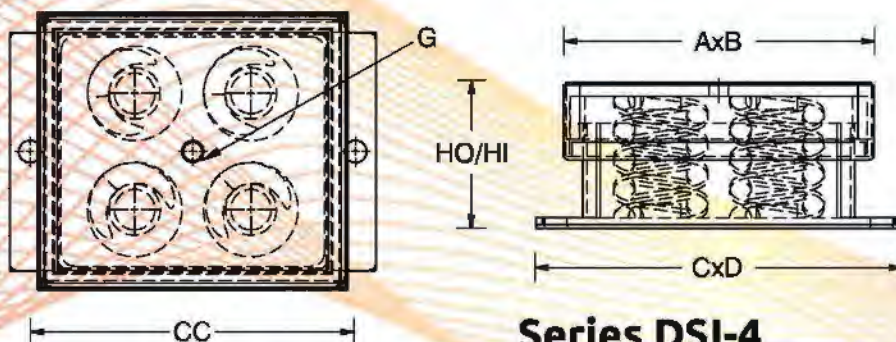
## Series DSI-2

S.No.	Model	LOAD kg	Height under Load HO (mm)	Free Height HI (mm)	Bolt Size G	Top Plate (Ax/B) mm	Bottom Plate (Cx/D) mm	CC mm	Natural Frequency (Hz)
1.	DSI-2.10	60-580	103	112	M12	232x127	271x96	241	3.5-11
2.	DSI-2.12	100-1000	103	112	M12	232x127	271x96	241	3.5-11
3.	DSI-2.16	1000-2800	103	112	M12	232x127	271x96	241	5.0-09
4.	DSI-2.11 S3	400-1700	74	85	M12	208x138	241x101	211	5.0-10
5.	DSI-2.16 SPL	500-1800	89	98	M12	252x137	291x106	261	5.0-10



## Series DSI-3

S.No.	Model	LOAD kg	Height under Load HO (mm)	Free Height HI (mm)	Bolt Size G	Top Plate (Ax/B) mm	Bottom Plate (Cx/D) mm	CC mm	Natural Frequency (Hz)
1.	DSI-3.10	82-900	103	112	M16	232x213	271x176	241	3.5-11
2.	DSI-3.12	150-1500	103	112	M16	232x213	271x176	241	3.5-11
3.	DSI-3.16	1500-4100	103	112	M16	232x213	271x176	241	5.0-8.0
4.	DSI-3.11 S3	600-2550	74	85	M16	202x177	241x146	211	5.0-10
5.	DSI-3.16 SPL	750-2700	89	98	M16	252x228	291x196	261	5.0-10



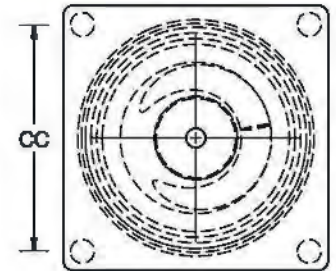
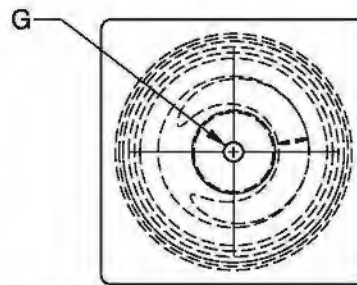
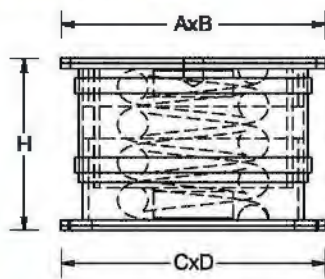
## Series DSI-4

S.No.	Model	LOAD kg	Height under Load HO (mm)	Free Height HI (mm)	Bolt Size G	Top Plate (Ax/B) mm	Bottom Plate (Cx/D) mm	CC mm	Natural Frequency (Hz)
1.	DSI-4.10	110-1200	103	112	M16	232x213	271x176	241	3.5-11
2.	DSI-4.12	200-2000	103	112	M16	232x213	271x176	241	3.5-11
3.	DSI-4.16	2000-5500	103	112	M16	232x213	271x176	241	5.0-8.0
4.	DSI-4.11 S3	800-3400	74	85	M16	202x177	241x146	211	5.0-10
5.	DSI-4.16 SPL	1000-3600	89	98	M16	252x228	291x196	261	5.0-10

| Enclosed Round Spring Elements with Viscous Damping |

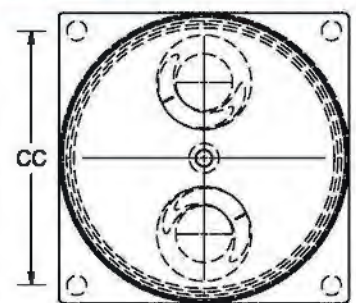
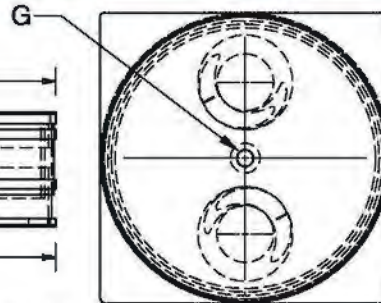
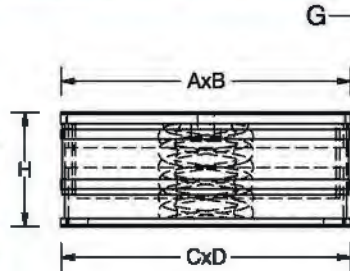
**Dynemech**  
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**Spring Isolators**  
**Series RT**



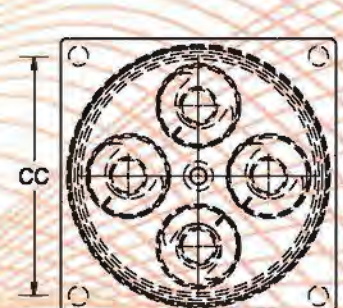
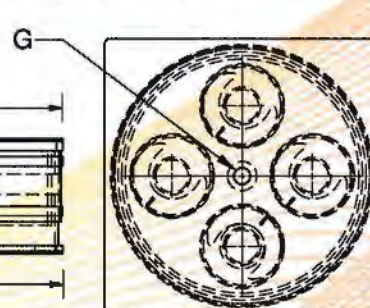
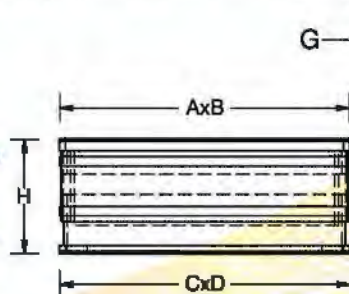
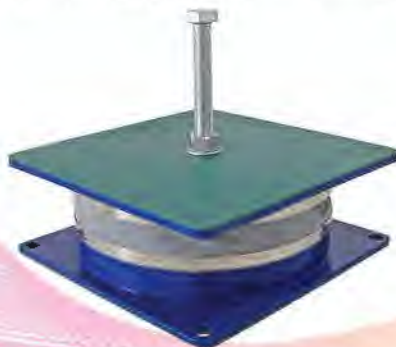
**Series RAD-RT**

S.No.	Model	LOAD/pc (kg)	Free Height (H) (mm)	Height Under Load (mm)	Bolt Size G	Top Plate (AxB) (mm)	Bottom Plate (CxD) (mm)	CC (mm)	Natural Frequency (Hz)
1.	RAD-J2-RT	30-300	101	84	M12	125x125	125x125	95	3.5-11
2.	RAD-L4-RT	50-500	101	84	M12	125x125	125x125	95	3.5-11
3.	RAD-P4-RT	500-1400	101	92	M12	125x125	125x125	95	5.0-8.0
4.	RAD-K6-RT	200-850	101	95	M12	125x125	125x125	95	5.0-10
5.	RAD-P5-RT	250-900	91	82	M12	140x140	140x140	120	5.0-10
6.	RAD-H2-RT	25-200	101	81	M12	125x125	125x125	95	3.5-10
7.	RAD-J2-A2-RT	30-300	108	91	M12	125x125	125x125	95	3.5-11



**Series RBD-RT**

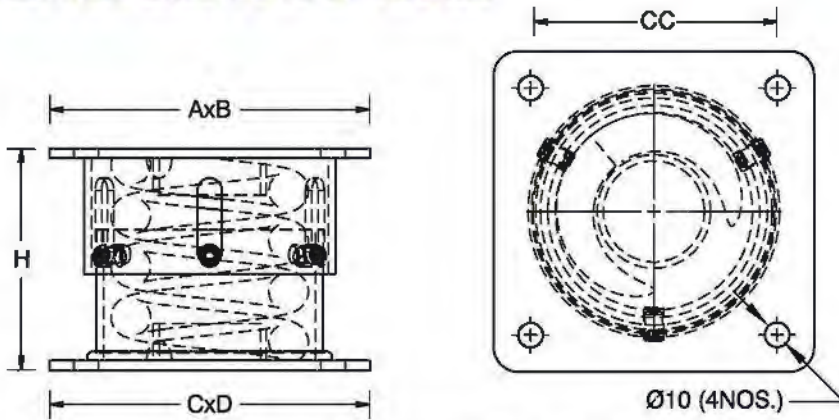
S.No.	Model	LOAD/pc (kg)	Free Height (H) (mm)	Height Under Load (mm)	Bolt Size G	Top Plate (AxB) (mm)	Bottom Plate (CxD) (mm)	CC (mm)	Natural Frequency (Hz)
1.	RBD-J2-RT	60-580	108	91	M12	235x235	235x235	205	3.5-11
2.	RBD-L4-RT	100-1000	108	91	M12	235x235	235x235	205	3.5-11
3.	RBD-P4-RT	1000-2800	108	99	M12	235x235	235x235	205	5.0-8.0
4.	RBD-K6-RT	400-1700	108	102	M12	235x235	235x235	205	5.0-10
5.	RBD-P5-RT	500-1800	98	89	M12	245x245	245x245	215	5.0-10
6.	RBD-H2-RT	50-400	108	88	M12	235x235	235x235	205	3.5-10



**Series RDD-RT**

S.No.	Model	LOAD/pc (kg)	Free Height (H) (mm)	Height Under Load (mm)	Bolt Size G	Top Plate (AxB) (mm)	Bottom Plate (CxD) (mm)	CC (mm)	Natural Frequency (Hz)
1.	RDD-J2-RT	110-1200	108	91	M16	235x235	235x235	205	3.5-11
2.	RDD-L4-RT	200-2000	108	91	M16	235x235	235x235	205	3.5-11
3.	RDD-P4-RT	2000-5500	108	99	M16	235x235	235x235	205	5.0-8.0
4.	RDD-K6-RT	800-3400	108	102	M16	235x235	235x235	205	5.0-10
5.	RDD-P5-RT	1000-3600	98	89	M16	245x245	245x245	215	5.0-10
6.	RDD-H2-RT	100-800	108	88	M16	235x235	235x235	205	3.5-10

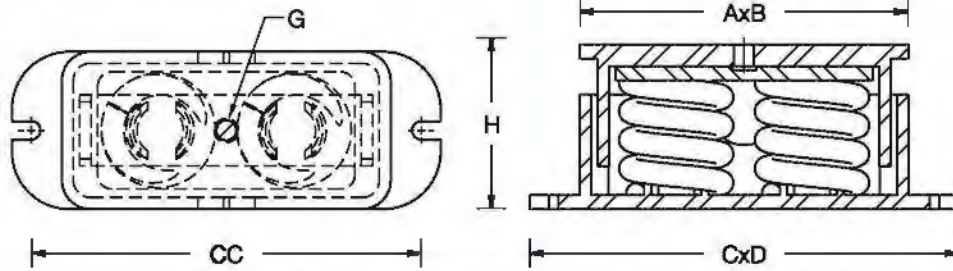
## Spring Isolators Series MAI-P5-TR1



**Series MAI-P5-TR1**

S.No.	Model	LOAD Max. (kg)	Free Height (H) (mm)	Height Under Load (mm)	Top Plate (AxB) (mm)	Bottom Plate (CxD) (mm)	Centre Distance (CC) (mm)	Spring Rate (KN/mm) K (Vertical)	Spring Rate (KN/mm) K (Horizontal)
1.	MAI-P5-TR1	1200	90	72	130x130	130x130	100x100	0.9+/-0.1	1.3+/-0.2

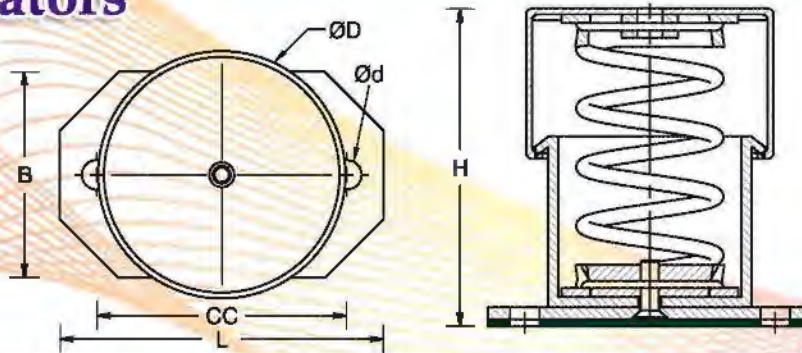
## Spring Isolators Series MBI-FG-OP



**Series MBI-FG-OP**

S.No.	Model	LOAD/pc (kg)	Free Height (H) (mm)	Height Under Load (mm)	Bolt Size G	Top Plate (AxB) (mm)	Bottom Plate (CxD) (mm)	CC (mm)	Natural Frequency (Hz)
1.	MBI-P5-FG-OP	500-1800	115	106	M16	230x110	300x110	273	5.0-10
2.	MBI-P4-FG-OP	1000-2800	125	111	M16	230x110	300x110	273	5.0-10
3.	MBI-L4-FG-OP	100-1000	125	106	M16	230x110	300x110	273	5.0-10
4.	MBI-J2-FG-OP	60-380	125	111	M16	230x110	300x110	273	5.0-10

## Spring Isolators Series MEI



**Series MEI**

S.No.	Model	Rated Load (Kg)	Deflection at Rated load (mm)	Dimensions (mm)					
				L	B	H	CC	D	d
1.	MEI-5	31	25	125	85	107	100	94	10
2.	MEI-6	61	25	125	85	107	100	94	10
3.	MEI-7	109	25	125	85	107	100	94	10
4.	MEI-7.5	157	25	125	85	107	100	94	10
5.	MEI-8	210	25	125	85	107	100	94	10

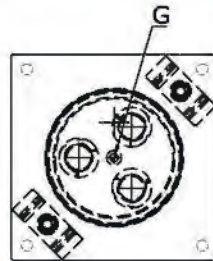
| *Restrained Spring Isolators With Safety Viscous Damping* |

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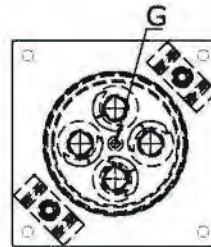
**Spring Isolators**  
**Series RCD-SP3 & RDD-SP3**



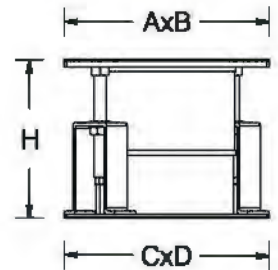
**Series RCD-RT-SP3 &  
Series RDD-RT-SP3**



Series  
**RCD-RT-SP3**



Series  
**RDD-RT-SP3**

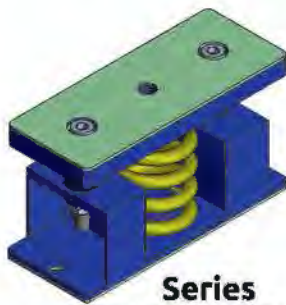


S.No.	Model	LOAD/pc (kg)	Free Height (H) (mm)	Height Under Load (mm)	Bolt Size G	Top Plate (AxB) (mm)	Bottom Plate (CxD) (mm)	Mounting Center Distance (CC) (mm)	Natural Frequency (Hz)
1.	RCD-J2-RT-SP3	1650	310	270	M16	350x350	350x350	300x300	2
2.	RCD-J2-RT-SP3	2200	310	270	M16	350x350	350x350	300x300	2

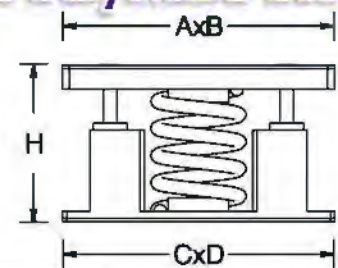
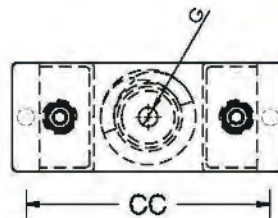
| *Restrained Open Spring Vibration Dampers* |

**Spring Isolators**

**Series MAI-RSTD/MBI-RSTD**



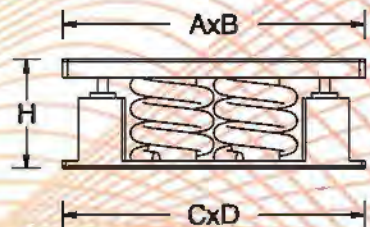
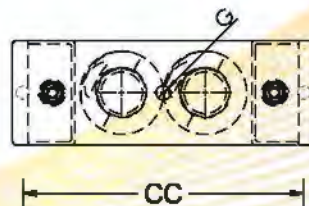
**Series  
MAI-RSTD**



S.No.	Model	LOAD/pc (kg)	Free Height (H) (mm)	Height Under Load (mm)	Bolt Size G	Top Plate (AxB) (mm)	Bottom Plate (CxD) (mm)	Mounting Center Distance (CC) (mm)	Natural Frequency (Hz)
1.	MAI-J2-RSTD	30-300	115	95	M16	220x100	220x100	200	3.5-11
2.	MAI-L4-RSTD	50-500	115	95	M16	220x100	220x100	200	3.5-11
3.	MAI-P4-RSTD	500-1400	115	106	M16	220x100	220x100	200	5.0-8.0
4.	MAI-K6-RSTD	200-850	115	109	M16	220x100	220x100	200	5.0-10
5.	MAI-P5-RSTD	250-900	115	96	M16	220x100	220x100	200	5.0-10
6.	MAI-F2-RSTD	10-60	115	95	M16	220x100	220x100	200	3.0-8.0
7.	MAI-H2-RSTD	25-200	115	95	M16	220x100	220x100	200	3.5-10



**Series  
MBI-RSTD**



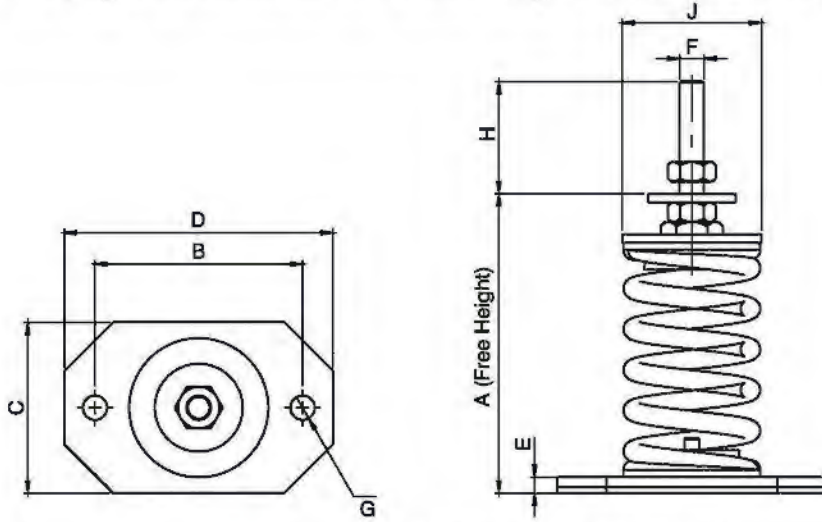
S.No.	Model	LOAD/pc (kg)	Free Height (H) (mm)	Height Under Load (mm)	Bolt Size G	Top Plate (AxB) (mm)	Bottom Plate (CxD) (mm)	Mounting Center Distance (CC) (mm)	Natural Frequency (Hz)
1.	MBI-J2-RSTD	60-600	115	95	M16	290x100	290x100	270	3.5-11
2.	MBI-L4-RSTD	100-1000	115	95	M16	290x100	290x100	270	3.5-11
3.	MBI-P4-RSTD	1000-2800	115	106	M16	290x100	290x100	270	5.0-8.0
4.	MBI-K6-RSTD	400-1700	115	109	M16	290x100	290x100	270	5.0-10
5.	MBI-P5-RSTD	500-1800	115	96	M16	290x100	290x100	270	5.0-10
6.	MBI-F2-RSTD	20-120	115	95	M16	290x100	290x100	270	3.0-8.0
7.	MBI-H2-RSTD	50-400	115	95	M16	290x100	290x100	270	3.5-10

| *Open Type Spring Isolators* |

# Floor Mounted Open Spring Isolators Series DOS



Dynemtech Open type spring isolators provides high vibration isolation to plant and machinery and HVAC equipments. These isolators are compact and economical.



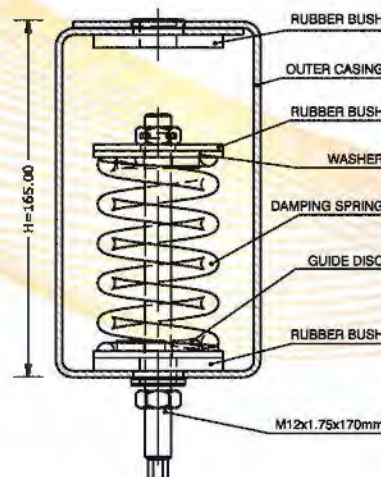
**Series DOS**

S.No.	Model	Rated Load (Kg)	Deflection at Rated Load (mm)	Height at Maximum Load (mm)	Dimensions (mm)								
					A	B	C	D	E	F	G	H	J
1.	DOS-5	31	25	97.5	122.5	85	70	110	6.5	M10	10	46	57
2.	DOS-6	61	25	97.5	122.5	85	70	110	6.5	M10	10	46	57
3.	DOS-7	109	25	97.5	122.5	85	70	110	6.5	M10	10	46	57
4.	DOS-7.5	157	25	97.5	122.5	85	70	110	6.5	M10	10	46	57
5.	DOS-8	210	25	97.5	122.5	85	70	110	6.5	M10	10	46	57
6.	DOS-10	300	25	97.5	122.5	100	95	125	6.5	M10	10	46	70
7.	DOS-12	500	25	97.5	122.5	100	95	125	6.5	M10	10	46	70
8.	DOS-17	1400	9	113.5	122.5	100	95	125	6.5	M10	10	46	70

| *Open Spring Hangers* |

# Hanger Type Spring Isolators Series DIH

Dynemtech Spring hangers provides high vibration and shock isolation for small HVAC equipments, pipes and ducts to be mounted with the ceiling.



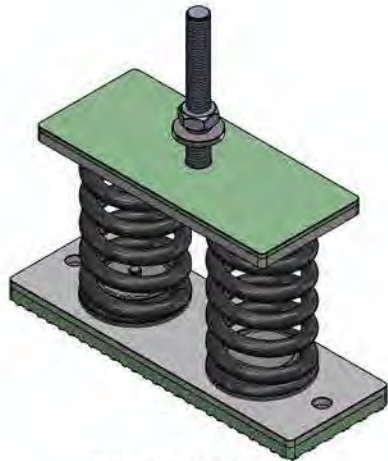
**Series DIH**

Sl. No.	Model	Load at 25mm Deflection (Kg/pc)
1.	DIH-5	32
2.	DIH-6	62
3.	DIH-7	110
4.	DIH-7.5	157
5.	DIH-8	210
6.	DIH-10	300
7.	DIH-12	500
8.	DIH-17	1400

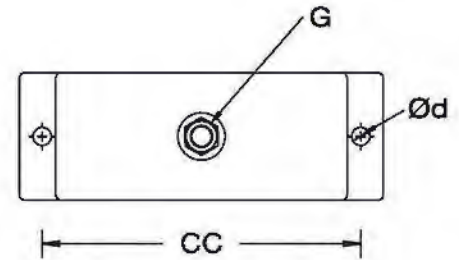
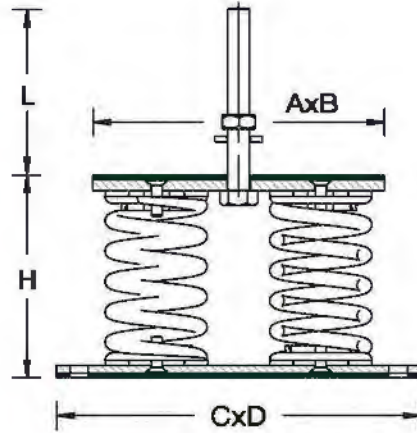
| Open Type Spring Isolators |

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**Floor Mounted Open Spring Isolators Series DOS-B**

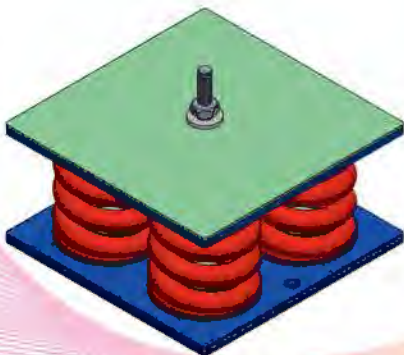


**Series DOS-B**

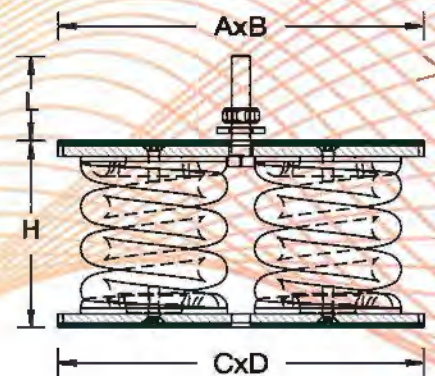
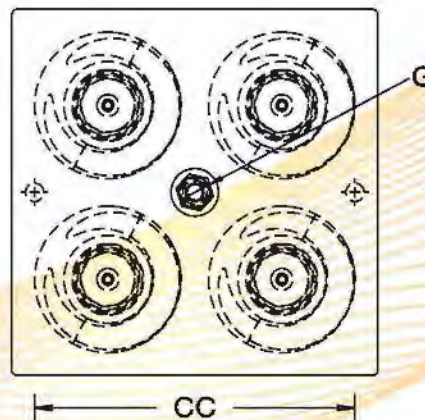


S.No.	Model	Rated Load (Kg)	Deflection at Rated Load (mm)	Height at Maximum Load (mm)	Dimensions (mm)							
					A	B	C	CC	H	L	BOLT	Ød
1.	DOS-B-5	62	25	86	160	70	200	175	111	91	M12	11
2.	DOS-B-6	122	25	86	160	70	200	175	111	91	M12	11
3.	DOS-B-7	218	25	86	150	70	200	175	111	91	M12	11
4.	DOS-B-7.5	314	25	86	160	70	200	175	111	91	M12	11
5.	DOS-B-8	420	25	86	160	70	200	175	111	91	M12	11
6.	DOS-B-10	600	25	86	160	90	230	175	111	91	M12	11
7.	DOS-B-12	1000	25	86	160	90	230	205	111	91	M12	11
8.	DOS-B-17	2800	9	102	160	90	230	205	111	91	M12	11

**Floor Mounted Open Spring Isolators Series DOS-D**



**Series DOS-D**



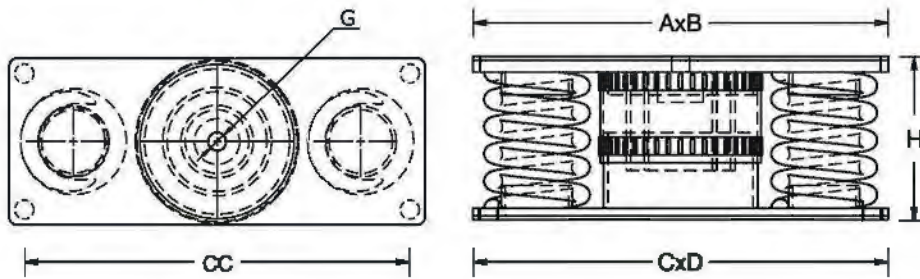
S.No.	Model	MAX Load Capacity (Kg./pc)	Top Plate AxB (mm)	Bottom Plate CxD (mm)	Free Height H (mm)	CC (mm)	Natural Frequency Range (Hz)
1.	DOS-D-4.16-SPL	1000-3600	200x200	200x200	102	175	5.0-10

— | *Open Type Spring Isolators with Safety Viscous Damping* | —

## Spring Isolators Series RBD-OPSD

# Dynemech

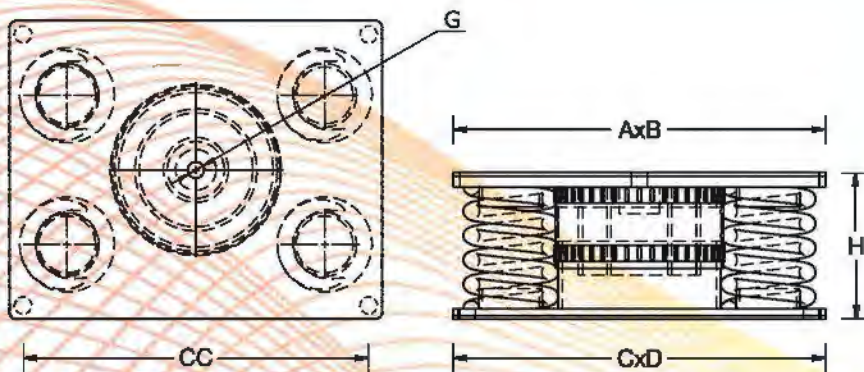
VIBRATION TECHNOLOGY



**Series RBD-OPSD**

S.No.	Model	LOAD (kg)	Free Height (H) (mm)	Height at Max. Load (mm)	Bolt Size G	Top Plate (AxB) (mm)	Bottom Plate (Cx D) (mm)	CC (mm)	Natural Frequency (Hz)
1.	RBD-J2-OPSD	60-580	108	91	M12	275x110	275x110	255x90	3.5-11
2.	RBD-L4-OPSD	100-1000	108	91	M12	275x110	275x110	255x90	3.5-11
3.	RBD-P4-OPSD	1000-2800	108	99	M12	275x110	275x110	255x90	5.0-8.0
4.	RBD-K6-OPSD	400-1700	83	77	M12	275x110	275x110	255x90	5.0-10
5.	RBD-P5-OPSD	500-1800	98	89	M12	285x120	285x120	265x100	5.0-10
6.	RBD-H2-OPSD	50-400	94.5	74.5	M12	275x110	275x110	255x90	3.5-10

## Spring Isolators Series RDD-OPSD



**Series RDD-OPSD**

S.No.	Model	LOAD (kg)	Free Height (H) (mm)	Height at Max. Load (mm)	Bolt Size G	Top Plate (AxB) (mm)	Bottom Plate (Cx D) (mm)	CC (mm)	Natural Frequency (Hz)
1.	RDD-J2-OPSD	110-1200	108	91	M16	275x220	275x220	255x200	3.5-11
2.	RDD-L4-OPSD	200-2000	108	91	M16	275x220	275x220	255x200	3.5-11
3.	RDD-P4-OPSD	2000-5500	108	99	M16	275x220	275x220	255x200	5.0-8.0
4.	RDD-K6-OPSD	800-3400	83	77	M16	275x220	275x220	255x200	5.0-10
5.	RDD-P5-OPSD	1000-3000	98	89	M16	285x230	285x230	265x210	5.0-10
6.	RDD-H2-OPSD	100-800	94.5	74.5	M16	275x220	275x220	255x200	5.0-10

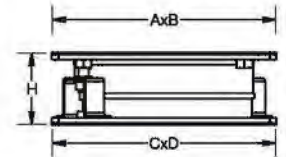
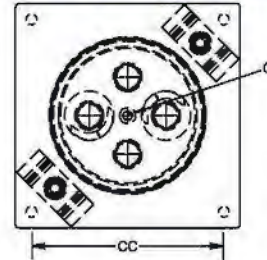
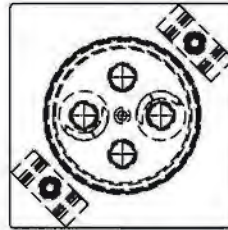
| *Spring-Viscous Dapshot With Directional Stop* |

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VIBRATION TECHNOLOGY

**Spring Viscous Dapshot  
Series RBD-RT-LV**

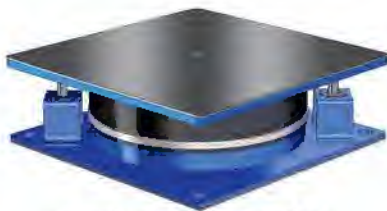


**Series RBD-RT-LV**

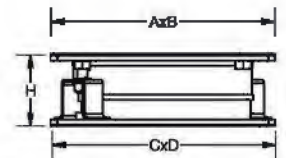
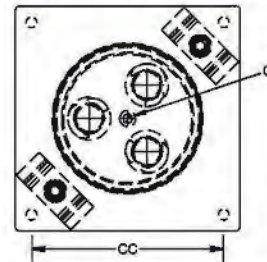
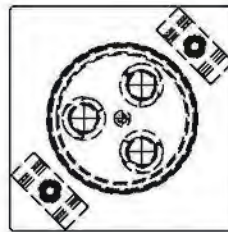


S.No.	Model	LOAD/pc (kg)	Free Height (H) (mm)	Height Under Load (mm)	Bolt Size G	Top Plate (AxB) (mm)	Bottom Plate (CxD) (mm)	Mounting Center Distance (CC) (mm)	Natural Frequency (Hz)
1.	RBD-J2-RT-LV	60-580	111	94	M12	300x300	300x300	265	3.5-11
2.	RBD-L4-RT-LV	100-1000	111	94	M12	300x300	300x300	265	3.5-11
3.	RBD-P4-RT-LV	1000-2800	111	102	M12	300x300	300x300	265	5.0-8.0
4.	RBD-K6-RT-LV	400-1700	111	105	M12	300x300	300x300	265	5.0-10
5.	RBD-P5-RT-LV	500-1800	101	102	M12	310x310	310x310	275	5.0-10
6.	RBD-H2-RT-LV	50-400	111	91	M12	300x300	300x300	265	3.5-10

**Spring Viscous Dapshot  
Series RCD-RT-LV**

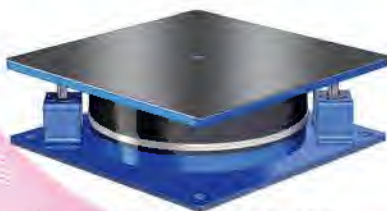


**Series RCD-RT-LV**

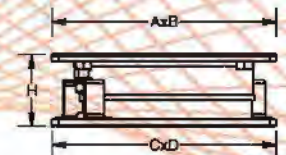
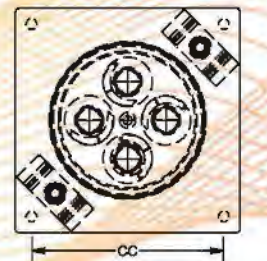


S.No.	Model	LOAD/pc (kg)	Free Height (H) (mm)	Height Under Load (mm)	Bolt Size G	Top Plate (AxB) (mm)	Bottom Plate (CxD) (mm)	Mounting Center Distance (CC) (mm)	Natural Frequency (Hz)
1.	RCD-J2-RT-LV	82-900	111	94	M12	300x300	300x300	265	3.5-11
2.	RCD-L4-RT-LV	150-1500	111	94	M12	300x300	300x300	265	3.5-11
3.	RCD-P4-RT-LV	1500-4100	111	102	M12	300x300	300x300	265	5.0-8.0
4.	RCD-K6-RT-LV	600-2550	111	105	M12	300x300	300x300	265	5.0-10
5.	RCD-P5-RT-LV	750-2700	101	102	M12	310x310	310x310	275	5.0-10
6.	RCD-H2-RT-LV	75-600	111	91	M12	300x300	300x300	265	3.5-10

**Spring Viscous Dapshot  
Series RDD-RT-LV**



**Series RDD-RT-LV**



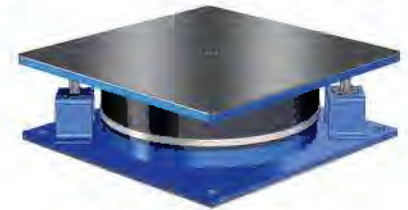
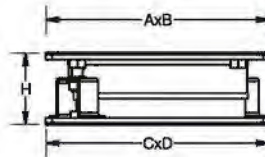
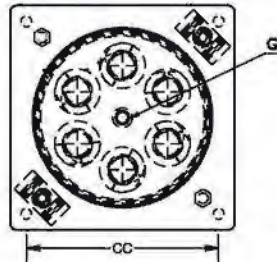
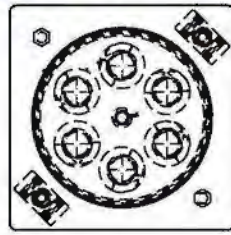
S.No.	Model	LOAD/pc (kg)	Free Height (H) (mm)	Height Under Load (mm)	Bolt Size G	Top Plate (AxB) (mm)	Bottom Plate (CxD) (mm)	Mounting Center Distance (CC) (mm)	Natural Frequency (Hz)
1.	RDD-J2-RT-LV	110-1200	111	94	M12	300x300	300x300	265	3.5-11
2.	RDD-L4-RT-LV	200-2000	111	94	M12	300x300	300x300	265	3.5-11
3.	RDD-P4-RT-LV	2000-5500	111	102	M12	300x300	300x300	265	5.0-8.0
4.	RDD-K6-RT-LV	800-3400	111	105	M12	300x300	300x300	265	5.0-10
5.	RDD-P5-RT-LV	1000-3600	101	102	M12	310x310	310x310	275	5.0-10
6.	RDD-H2-RT-LV	100-800	111	91	M12	300x300	300x300	265	3.5-10



# Spring-Viscous Dapshot With Directional Stop

## Spring Viscous Dapshot Series RFD-RT-LV

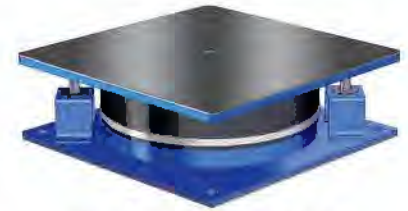
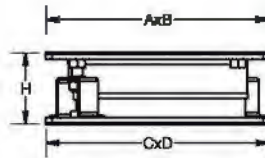
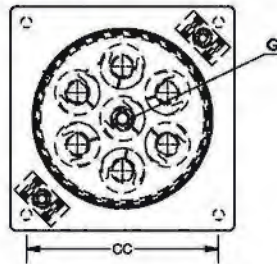
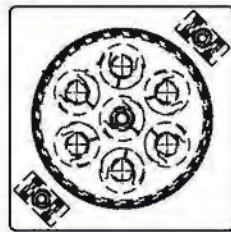
**Dynemech**  
VIBRATION TECHNOLOGY



**Series RFD-RT-LV**

S.No.	Model	LOAD/pc (kg)	Free Height (H) (mm)	Height Under Load (mm)	Bolt Size G	Top Plate (AxB) (mm)	Bottom Plate (CxD) (mm)	Mounting Center Distance (CC) (mm)	Natural Frequency (Hz)
1.	RFD-J2-RT-LV	170-1800	111	94	M12	345x345	345x345	310	3.5-11
2.	RFD-L4-RT-LV	300-3000	111	94	M12	345x345	345x345	310	3.5-11
3.	RFD-P4-RT-LV	2400-8200	111	102	M12	345x345	345x345	310	5.0-8.0
4.	RFD-K6-RT-LV	1200-5100	111	105	M12	345x345	345x345	310	5.0-10
5.	RFD-P5-RT-LV	1500-5400	101	102	M12	355x355	355x355	320	5.0-10
6.	RFD-H2-RT-LV	150-1200	111	91	M12	345x345	345x345	310	3.5-10

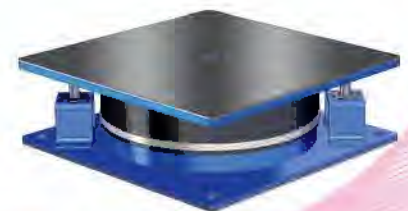
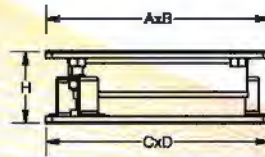
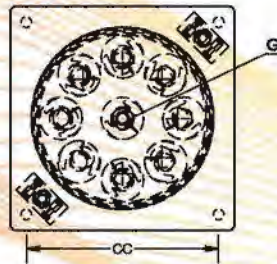
## Spring Viscous Dapshot Series RGD-RT-LV



**Series RGD-RT-LV**

S.No.	Model	LOAD/pc (kg)	Free Height (H) (mm)	Height Under Load (mm)	Bolt Size G	Top Plate (AxB) (mm)	Bottom Plate (CxD) (mm)	Mounting Center Distance (CC) (mm)	Natural Frequency (Hz)
1.	RGD-J2-RT-LV	210-2100	111	94	M12	345x345	345x345	310	3.5-11
2.	RGD-L4-RT-LV	350-3500	111	94	M12	345x345	345x345	310	3.5-11
3.	RGD-P4-RT-LV	3500-9800	111	102	M12	345x345	345x345	310	5.0-8.0
4.	RGD-K6-RT-LV	1400-5950	111	105	M12	345x345	345x345	310	5.0-10
5.	RGD-P5-RT-LV	1750-6300	101	102	M12	355x355	355x355	320	5.0-10
6.	RGD-H2-RT-LV	175-1400	111	91	M12	345x345	345x345	310	3.5-10

## Spring Viscous Dapshot Series RID-RT-LV



**Series RID-RT-LV**

S.No.	Model	LOAD/pc (kg)	Free Height (H) (mm)	Height Under Load (mm)	Bolt Size G	Top Plate (AxB) (mm)	Bottom Plate (CxD) (mm)	Mounting Center Distance (CC) (mm)	Natural Frequency (Hz)
1.	RID-J2-RT-LV	270-2700	191	102	M12	365x365	365x365	330	3.5-11
2.	RID-L4-RT-LV	450-4500	119	102	M12	365x365	365x365	330	3.5-11
3.	RID-P4-RT-LV	3000-12400	119	110	M12	365x365	365x365	330	5.0-8.0
4.	RID-K6-RT-LV	1800-7650	119	113	M12	365x365	365x365	330	5.0-10
5.	RID-P5-RT-LV	2250-8100	109	109	M12	365x365	365x365	350	5.0-10
6.	RID-H2-RT-LV	225-1800	119	99	M12	365x365	365x365	330	3.5-10

# **Dynemech** VIBRATION TECHNOLOGY

## **Applications :**



**Motor on Dynemech Flexifoot Mounts**



**Panel on Dynemech Round Mounts, Series DLC**



**Chillers on Dynemech Spring Isolators with Viscous Damping**



**Dehumidifier on Dynemech Single Spring Isolator with Viscous Damping**



**Air Compressor on Single Spring Isolator**

## Applications :



**Blower on Suspended Floor on Dynemech Round Spring isolator**



**Air Compressor on Single Spring Isolator**



**DG Set on Dynemech Wedge Mounts**



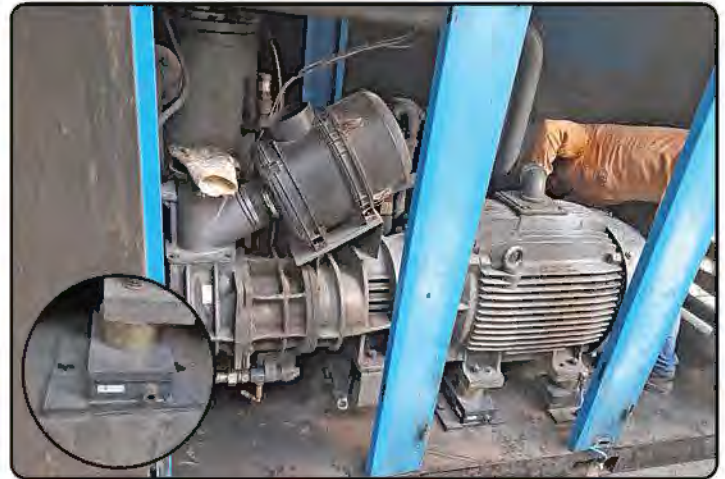
**Air Compressor on Screw Support Mounts, Series DLK**



**Genset on Dynemech Single Spring Isolator**



**Genset on Dynemech Spring Isolator with Viscous Damping**



**Compressor on Dynemech Wedge Mount, Series TSPOH**



**2250KVA GENSET  
15500Kg on  
Restrained  
Spring Isolator  
with Safety  
Viscous Damping**



### APPLICATIONS :

- ★ Motors
  - ★ Blowers
  - ★ Condensers
  - ★ Cooling Towers
  - ★ False Floorings
  - ★ Exhaust Systems
  - ★ Scrubber Systems
  - ★ Boilers
  - ★ Compressors
- ★ Transformers
  - ★ Motor Generators
  - ★ Fan Coil Units (FCU)
  - ★ Tunnel Ventilation Fans
  - ★ DG Sets
  - ★ Packaged Units
  - ★ Ductwork & Piping Systems
  - ★ Chillers
  - ★ Pumps & Centrifuges
- ★ Air Handling Units (AHUs)
  - ★ ID/FD Fans
  - ★ Axial Flow Fans
  - ★ Mechanical Equipment Rooms
  - ★ Recording/Dance Studios
  - ★ Air Conditioning Equipments
  - ★ Air Pollution Control Systems
  - ★ Other HVAC Mechanical Equipments



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