

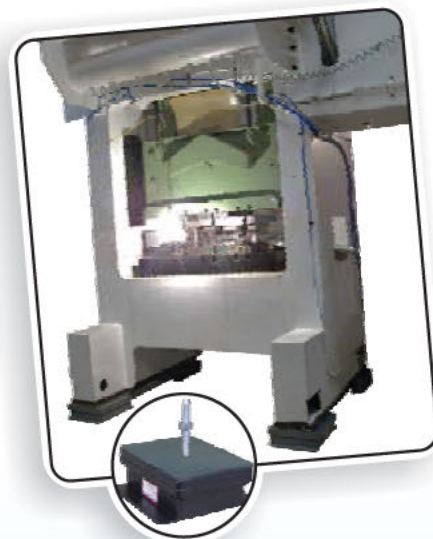
SPRING ISOLATORS

Dynemech is providing anti vibration solutions to the Indian Industry for the last 10 years. We are the only company to provide almost all types of vibration control solutions under one roof. Our product range consists of stud mounts for very small machines to wedge mounts for precision machine tools, along with air springs for very low natural frequency vibration damping to spring isolators for heavy presses, hammers, gen sets etc.

A spring isolator gives desired natural frequency to obtain phase difference in the frequencies for a rotating machine and impact generating machine. 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 and during impact at each stroke in presses and hammers.

Advantages of Spring Isolators :

1. Very high vibration and shock isolation
2. Better Structural Safety
3. Improved Health Protection of workers reduced machine operator fatigue and provide more congenial working environment
4. Installation of sensitive equipments and heavy machinery possible in the same workshop
5. Shop Floor Flexibility Maintains
6. Extended tool and machinery life.
7. No foundation is required for small and medium weight machines and reduced depth of foundation for very heavy machines
8. Simple to install and reliable.

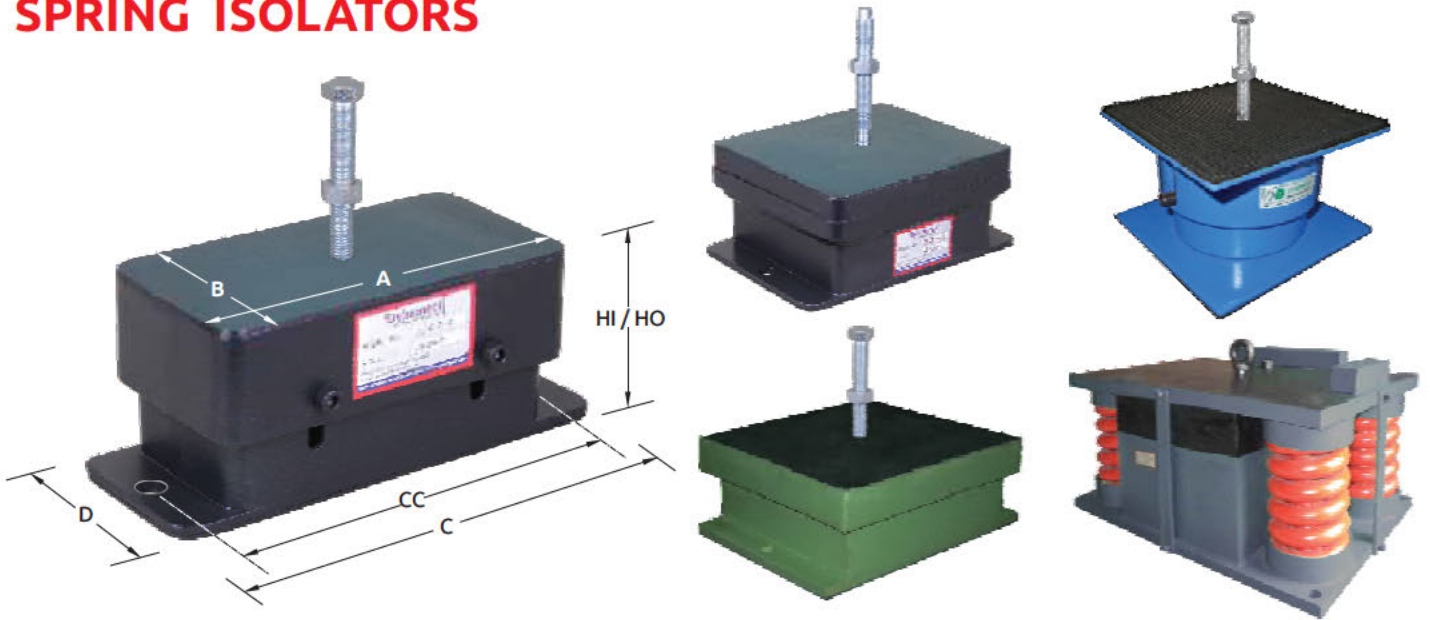


Applications:

1. Power Presses
2. Forging Hammers
3. Fans
4. Blowers
5. Generating Sets
6. Centrifuges
7. Test Beds
8. Textile Machines
9. Reducing Mills and Mixers
10. Coal and Stone Crushers
11. Refrigeration Units
12. Pumps and Boilers etc.
13. All types of heavy industrial machinery



SPRING ISOLATORS



Model	LOAD kg	HO mm	HI mm	Bolt Size	Top Plate (AxB) mm	Bottom Plate (Cx D) mm	CC mm	Natural Frequency (Hz)
MAI H2	25 200	66	86	M12	110x110	110x110	90	3.5 10
MAI J2	30 300	66	104	M12	125x125	125x125	95	3.5 11
MAI L3	50 500	66	104	M12	125x125	125x125	95	3.5 11
MAI K3	200 850	69	75	M12	125x125	125x125	95	5.0 10
MAI P5	250 900	82	91	M12	125x125	125x125	95	5.0 09
MAI P3	500 1400	95	104	M12	125x125	125x125	95	5.0 09
MBI J4	60 580	96	108	M12	220x117	271x096	241	3.5 11
MBI L4	10 1000	86	105	M12	221x117	271x096	241	3.5 11
MBI K4	400 1700	69	80	M12	189x119	241x101	211	5.0 10
MBI P5	500 1800	86	95	M12	236x121	291x106	261	5.0 10
MBI P4	1000 2800	96	105	M12	221x117	271x096	241	5.0 08
MDI L6	200 2000	86	105	M16	221x196	271x176	241	3.5 11
MDI J6	110 1200	83	105	M16	221x196	271x176	241	3.5 11
MDI K6	800 3400	69	80	M16	189x164	241x146	211	5.0 10
MDI P6	2000 5500	96	105	M16	221x196	271x176	241	5.0 08
RBD K4	400 1700	69	80	M12	196x126	241x101	211	5.0 10
RDD K6	800 3400	69	80	M16	196x171	241x146	211	5.0 10
RBD P5	500 1800	89	98	M12	246x131	291x106	261	5.0 10
RDD P5	1000 3600	89	98	M16	246x222	291x222	261	5.0 10
RFD P5	1500 5400	89	98	M20	246x311	291x286	261	5.0 10
RBD P3	1000 2800	100	108	M16	226x121	271x096	241	5.0 09
RDD P4	2000 5500	99	108	M16	226x201	271x176	241	5.0 08
RFD P4	2400 8200	99	108	M16	227x282	291x256	261	5.0 08
RHD P4	3000 11000	99	108	M20	282x282	326x256	296	5.0 08
RID P6	3000 12400	99	108	M20	282x282	326x256	296	5.0 08
RLD P8	7500 16500	108	117	M20	281x386	326x361	296	5.0 08
RPD P10	7500 22000	108	117	M20	386x386	441x361	411	5.0 08
RFD K4	1200 5100	73	84	M16	196x236	241x211	211	5.0 08
RJD P12	4000 13800	108	117	M20	281x386	326x361	296	5.0 08

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