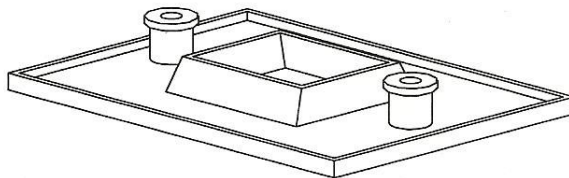
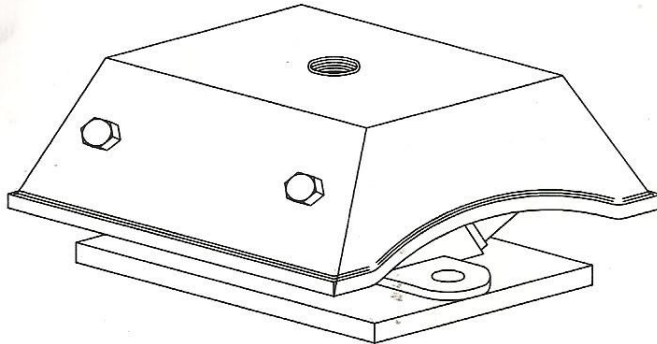


MACHWELD

ANTI VIBRATION MOUNTINGS

TYPE - M & MW



FRICION PAD

SALIENT FEATURES

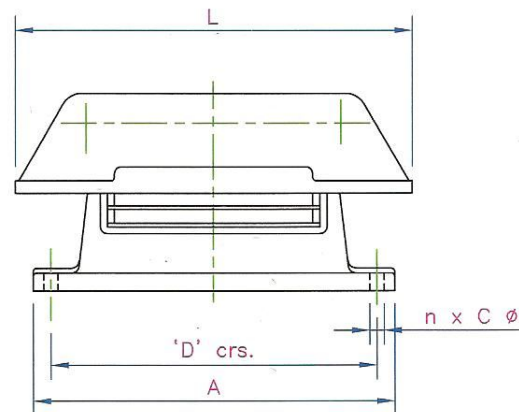
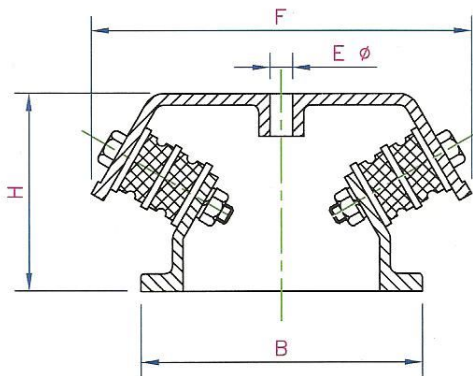
No groutings/Anchor bolts.
Noise, Vibration Isolation.

APPLICATIONS

Diesel engines
Generator sets
Fans
Compressors
Pumps
Power Presses
Printing & Textile m/cs
Material handling equipments

The sandwich design mountings fixed in angular position loaded in shear and compression, the rubber used to the best advantage to provide having multi directional stiffness results into 70% insulation which is adequate for most of the applications for isolation of vibrations.

The MACHWELD mountings can be used with rubber friction mounting pads to isolate grouting. The pads to be ordered separately.



Series	A	B	H	L	'D' crs	F	nxCø	Top bolting hole 'E'		wt.in kg.
								plain hole	tap. hole	
M	126	83	71	120	90	116	2x11ø	10 to 19 m.m.	M16	2.4
MW	203	146	109	228	165	204	2x17ø	13 to 22 m.m.	M16	10.2

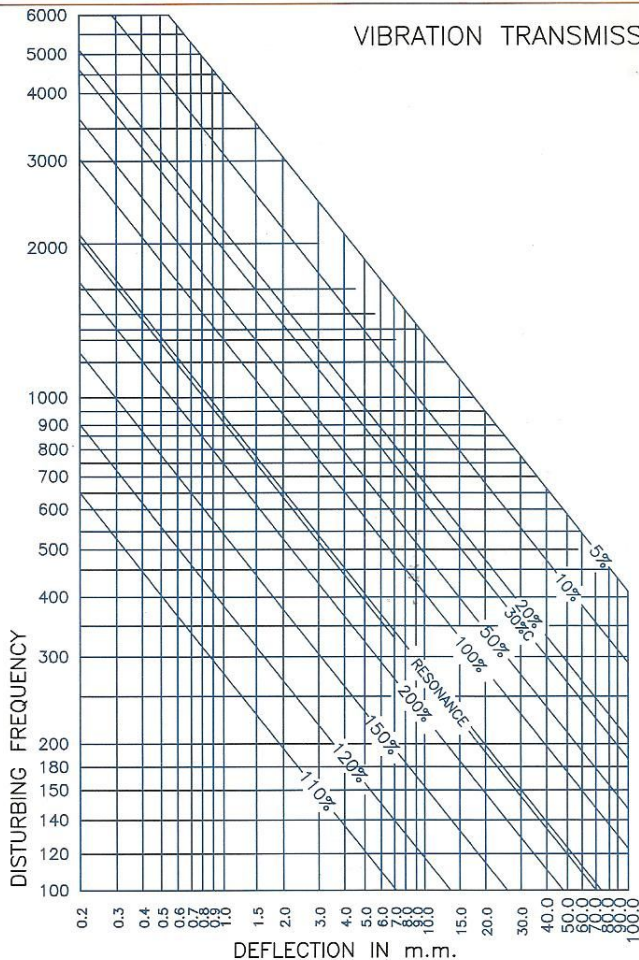
WORKS:

MACHWELD TRANSMISSIONS PVT. LTD.

2150/2, S.NO. 39, WARJE MALWADI,

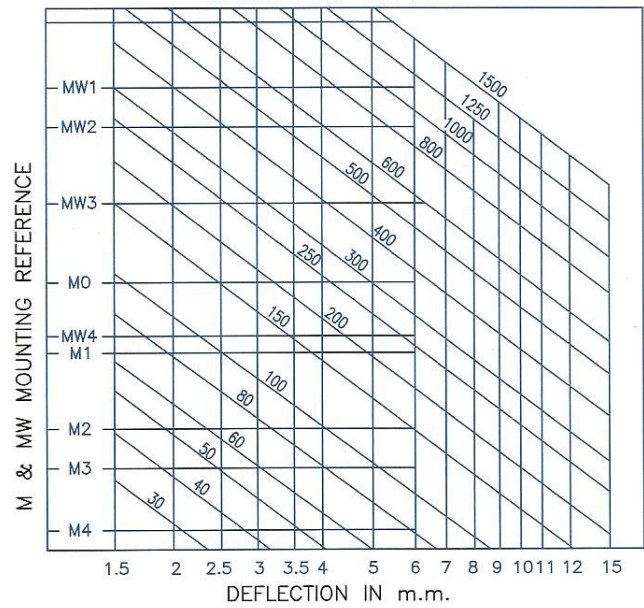
PUNE - 411058.

VIBRATION TRANSMISSION/DISTURBING FREQUENCY CHART



DISTURBING FREQUENCY		DEFLECTION
c.p.m.	Hz	m.m.
500	8.33	15.0
600	10.00	11.0
700	11.60	9.0
800	13.40	6.3
900	15.00	5.0
1000	16.75	3.7
1250	20.80	2.6
1400	23.33	2.2
1450	24.10	2.0
1500	25.00	1.9
1750	29.16	1.4
2000	33.33	1.0

SELECTION CHART



DATA Required for the selection of A.V.M.s

1. Total wt. of equipment.
2. Dimensional data with C.G. of foundation frame.
3. Wt. distribution over mounting points.
4. Frequency of the offending vibration i.e. disturbing frequency.
5. Environmental conditions i.e. presence of heat & corrosives & oil mist. etc.

HOW TO SELECT THE CUSHYFOOT MOUNTING

- Consider each mounting point separately.
- Draw a vertical line upwards from the minimum deflection needed to give adequate insulation, until it meets the requisite diagonal load line.
- From the intersection follow the load line downwards to the nearest suitable mounting line.
- This will give the required mounting and actual deflection is given by a vertical line downwards from this point to the deflection scale.
- Repeat this procedure for uneven distributed load point mountings.
- For selection of MOUNTINGS for critical applications kindly contact MACHWELD.

LOAD CHARACTERISTICS

Series Ref.	Load in Pkgs..	deflect- ion m.m.	Mfg. Ref.	Iden. * Mark
M	75	5.6	M4	WHITE
	115	5.8	M3	YELLOW
	150	6.1	M2	RED
	230	5.7	M1	BLACK
	315	5.2	M0	PINK
MW.	270	6.3	MW4	WHITE
	540	5.6	MW3	YELLOW
	845	5.6	MW2	RED
	1035	5.6	MW1	BLACK
	1585	5.6	MW0	PINK

* Identification mark in round colour spot.