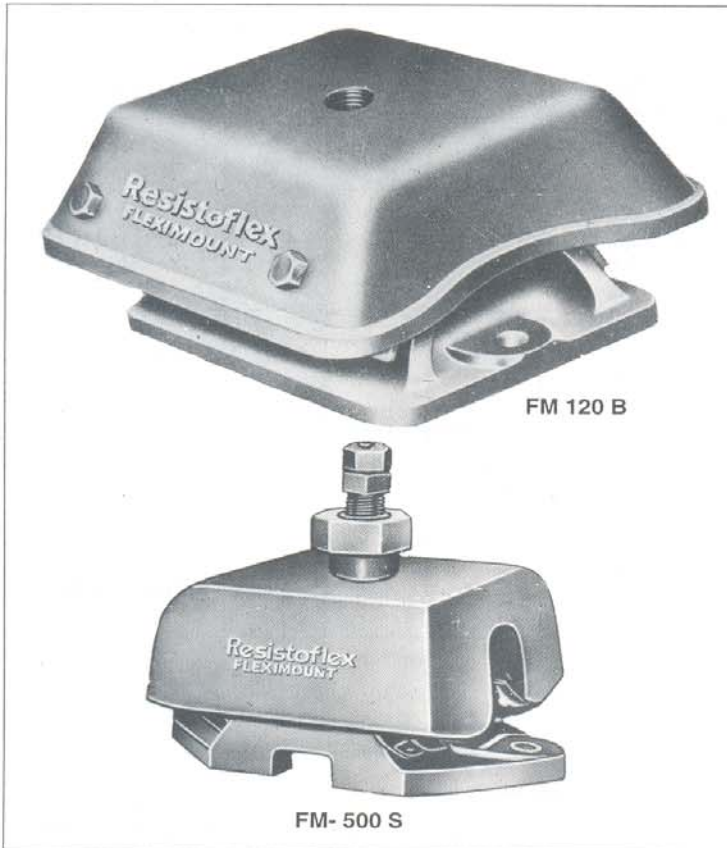


RESISTOFLEX
VIBRATION CONTROL SYSTEMS

SINCE 1947

FLEXIMOUNT
RUBBER ISOLATOR
STYLE FM



FM 120 B

FM- 500 S

Also available in

NEOPRENE RUBBER

for higher Damping and longer life

LOAD / MOUNT : 80 - 1600 Kgs

DEFLECTION : upto 12 mm

- No Grouting
- Instant Installation
- 60% Saving on foundation costs
- Upto 95% Vibration isolation
- 20% Noise reduction
- Fewer repairs and longer life of mounted equipment
- Accurate work and improvement in output efficiency
- Flexible Production lines

DESIGN

Assembly consists of cast metal base and cover into which a pair of Rubber-to-metal bonded flexible units are sandwiched in an angular disposition. These are loaded in a combination of shear and compression for longest life and best load-deflection characteristics. They can not become solid and rendered ineffective.

The top cover is designed to protect the rubber inserts from oil and physical damage.

THREE DEGREES OF FLEXIBILITY

Mountings are stiffer in the transverse direction as compared to flexibility in the horizontal direction.

Mountings can be oriented to obtain greater flexibility in the required direction. When three or more mountings are arranged symmetrically around a vertical axis, the flexibility of the suspension is the same in all direction.

TYPICAL APPLICATIONS

- | | |
|-------------------|----------------------|
| * GENERATING SETS | * GRINDERS |
| * CENTRIFUGALS | * PUMPS |
| * COMPRESSORS | * POLISHING MACHINES |
| * DIESEL ENGINES | * PRINTING MACHINES |
| * FANS | * TEXTILE MACHINES |
| * FURNACES | * VIBRATING SCREENS |
| * CHAMBERS | * WASHING MACHINES |

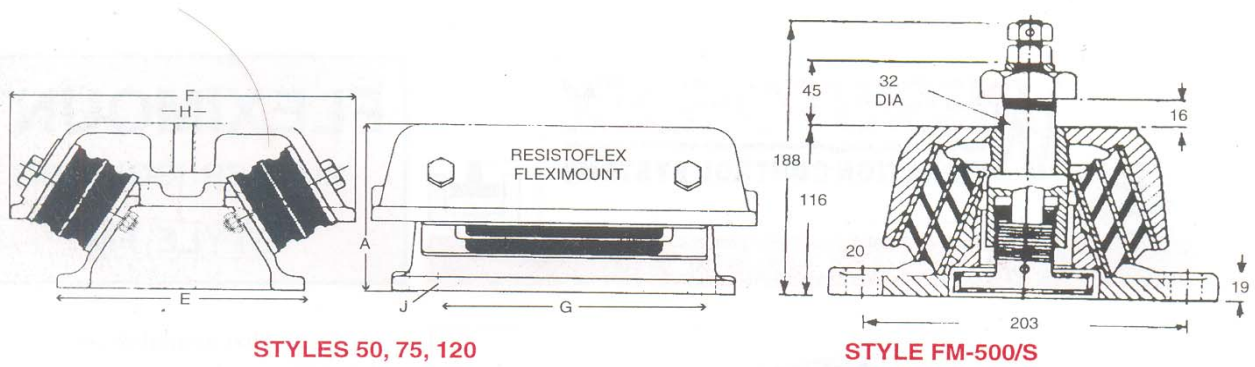
Leadership Through Excellence



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E-mail : info@mtsengrs.com, Web : www.mtsengrs.com



STYLES 50, 75, 120

STYLE FM-500/S

Part No.	Colour Code	Rated Load kg	Deflection At Rated Load ±15% mm	NOMINAL DIMENSIONS					
				A mm	E mm	F mm	G mm	H	J mm
FM-50A/40 FM-50A/50 FM-50A/60 FM-50A/70	BROWN PINK WHITE ORANGE	120 160 240 320	5.8 6.2 5.8 5.3	75	85	128	89	M12	11
FM-75X/40 FM-75X/50 FM-75X/60 FM-75X/70	BROWN PINK WHITE ORANGE	270 380 480 690	5.5 5.5 5.5 5.0	110	148	205	125	M16	17
FM-120B/40 FM-120B/50 FM-120B/60 FM-120B/70	BROWN PINK WHITE ORANGE	550 850 1040 1580	5.6 5.6 5.6 5.6	110	148	205	165	M16	17
FM-120H/40 FM-120H/50 FM-120H/60	BROWN PINK WHITE	510 820 1020	12 12 12	124	148	205	165	M16	17
FM-500S/40 FM-500S/50 FM-500S/60	BROWN PINK WHITE	800 1200 1600	10.2 10.2 10.3	See sketch above					

For mounting in Neoprene rubber add suffix 'C' to part no.

ACCESSORIES

Rubber Friction Pad made of oil resistant Nitrile Rubber obviate the necessity of bolting machine to floor. The pads locate the machine securely and overcome any tendency to "walk". No adhesives are required.

Levelling Device can be provided for machines requiring precision levelling.

MOUNTING SELECTION GUIDE

Disturbing Frequency	600	720	950	1250	1440	2000	2850
Isolation Efficiency (%)	70	70	70	75	80	85	90
Static Deflection (mm)	10.0	7.6	4.0	3.0	2.6	1.8	1.2



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