

RESISTOFLEX

VIBRATION-SHOCK-NOISE

TURRET RUBBER MOUNTINGS

STYLE : RM

RM rubber mountings are designed to provide superior attenuation of medium to high frequency vibration and noise emanating from a wide range of motor driven machines particularly axial and centrifugal fans. High resilience rubber with low dynamic to static stiffness ratio ensures maximum efficiency, good creep performance and long service life.

DESIGN FEATURES

- Moulded in first grade natural rubber with integral steel base and upper fixing boss.
- Also available with oil & environment resistant durable Neoprene.
- Manufactured in three sizes, each available in three rubber compounds identified by a colour spot.
- Static deflections of up to 8 mm with loads from 5 kg to 400 kg.
- Optional height adjusters also available.

TYPICAL APPLICATIONS

- Axial and Centrifugal Fans
- Air Handling Units
- Air conditioning Equipments
- Packaged Air Conditioners
- Floating Floors
- Generators
- Mobile Equipments
- Pumps
- Refrigeration Plants
- Rotary and Multi Cylinder Compressors

Note : Turret mountings should not be used on machines exhibiting high out of balance forces without restraining bolt.



Stationary Mounting



If bolting is preferred
Mountings are furnished with a tapped hole in the centre. This enables the equipment to be bolted securely to the mounting.



No bolting required
Mountings may be used without bolting under machines having no lateral or severe vertical motion.

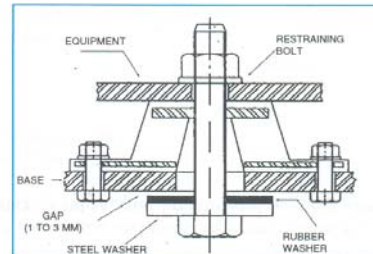


If bolt hole is inaccessible
Use set screw threaded up from under side. "h" must exceed maximum mounting deflection.

Mobile Mounting

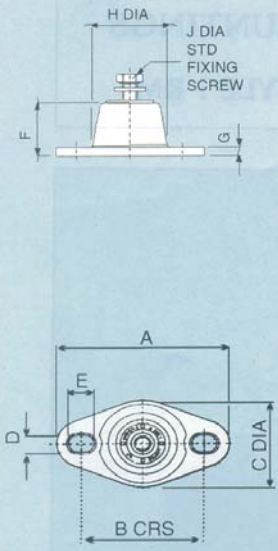
A restraining bolt is required for mobile and marine applications to control inertia forces.

Mobile mounting have the same load deflection characteristics as the stationary Mountings.



in collaboration with **CHRISTIE & GREY, U.K.**

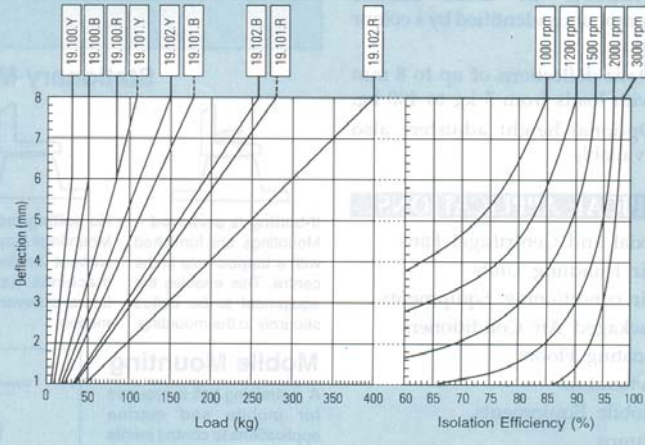
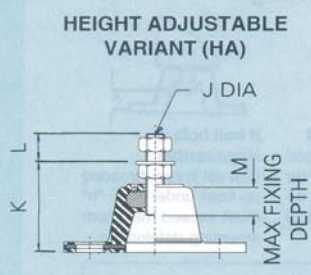
STANDARD PART



PART NO.	COLOUR CODE	RATED LOAD (kg)	DEFLECTION AT RATED LOAD (mm)	NOMINAL DIMENSIONS (mm)											APPROX. WT (kg)			
				A	B	C	D	E	F	G	H	J	K	L		M		
19.100.Y	YELLOW	28																
19.100.B	BLUE	50	6	80	57	45	9	12	32	5	41	M8X20	42	13	18			0.11
19.100.R	RED	80																
19.101.Y	YELLOW	110																
19.101.B	BLUE	180	8	95	71	60	9	14	45	5	56	M10X25	56	18	28			0.25
19.101.R	RED	280																
19.102.Y	YELLOW	150																
19.102.B	BLUE	260	8	150	115	86	11	22	70	6	82	M12X30	83	27	38			0.73
19.102.R	RED	400																

- Tolerance on Deflection at Rated Load is $\pm 15\%$
- Above part number requires standard upper fixing screw size J
- For height adjustable variant add suffix HA after part no.
- Maximum height adjustment available is 10mm with .HA variant

Load/Deflection and Isolation Efficiency Graphs



Isolation efficiency is based on dynamic rather than static stiffness for accurate calculation of system performance.

For more detailed information and technical assistance, please contact our Applications Engineering Department.
In the interest of continual development and improvement, the Company reserves the right to make modifications to these details without notice.

Authorised Distributor

MTS Engineers Pvt. Ltd.

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