T - 803 - MGM (1/2)

RUBBER METAL VIBRATION ABSORBERS

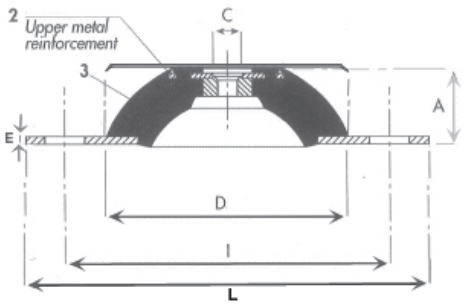
General description

The MGM rubber-metal vibration absorbers are designed for antivibratory machine mountings when there are horizontal vibrations and with sudden changes of operating speed and stoping / starting.

Their particular spherical shape enables excellent visco-elastic behaviour. Moreover, in situations where there are low frequency vibrations, several MGM can be mounted in series, enabling their elastic absorption to be doubled and achieving a lower frequency.

Each models is available in three different ranges of hardness, giving the series a wide variety of momentary loads to be supported.

Technical specifications



Dimensions

CODE	DESCRIPTION	A (mm)	C (mm)	D (mm)	E (mm)	I (mm)	L (mm)
803044	MGM 40-45	20	M6	40	2	52	64
803046	MGM 40-60	20	M6	40	2	52	64
803064	MGM 60-45	24	M6	60	3	76	90
803066	MGM 60-60	24	M6	60	3	76	90
803067	MGM 60-75	24	M6	60	3	76	90
803084	MGM 80-45	27	M8	80	3	100	120
803086	MGM 80-60	27	M8	80	3	100	120
803087	MGM 80-75	27	M8	80	3	100	120
803104	MGM 100-45	28	M10	100	3	124	148
803106	MGM 100-60	28	M10	100	3	124	148
803107	MGM 100-75	28	M10	100	3	124	148
803154	MGM 150-45	39	M14	150	4	182	214
803156	MGM 150-60	39	M14	150	4	182	214
803157	MGM 150-75	39	M14	150	4	182	214
803204	MGM 200-45	44	M18	200	5	240	280
803206	MGM 200-60	44	M18	200	5	240	280
803207	MGM 200-75	44	M18	200	5	240	280

Information contained herein is based on careful tests and experience. It reflects our knowledge and is for guidance purpose only. It is given in good faith and user should ensure that the product is fit for purpose before any application. The quoted values are average and should not be taken as maximum or minimum values for specific purposes. Manufacturer and distributor are not responsible for any non-recommended use or consequential damage.

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T - 803 - MGM (2/2)

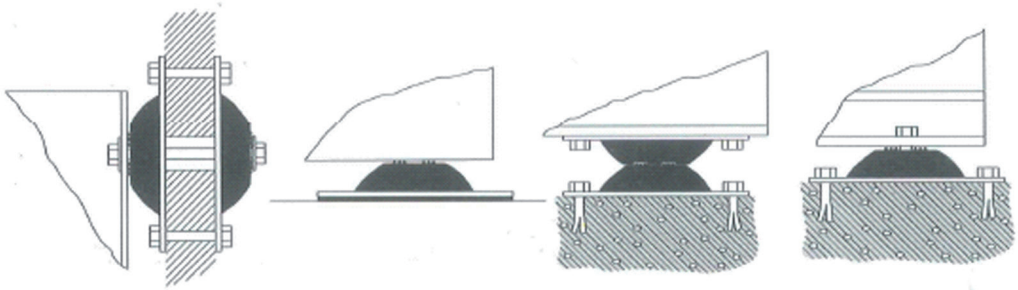
RUBBER METAL VIBRATION ABSORBERS

Characteristics

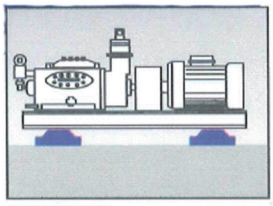
CODE	DESCRIPTION	RUBBER HARDNESS (Sh A) +/- 5° Sh A	DEFLECTION / mm (At max. load)	Min. Load (Kg)	Max. Load (Kg)	Natural frequency at min load (Hz)	Natural frequency at max load (Hz)
803044	MGM 40-45	45	3	2	7	18	13
803046	MGM 40-60	60	3	4	13	18	13
803064	MGM 60-45	45	3	5	15	22	11
803066	MGM 60-60	60	3	9	26	22	12
803067	MGM 60-75	75	3	15	46	22	14
803084	MGM 80-45	45	4,5	10	46	22	7
803086	MGM 80-60	60	4,5	18	82	22	9
803087	MGM 80-75	75	4,5	30	133	22	11
803104	MGM 100-45	45	4,5	24	107	22	9
803106	MGM 100-60	60	4,5	41	185	22	11
803107	MGM 100-75	75	4,5	56	252	22	7
803154	MGM 150-45	45	8	19	152	22	7
803156	MGM 150-60	60	8	36	292	22	8
803157	MGM 150-75	75	8	50	398	22	8
803204	MGM 200-45	45	7	83	583	22	7
803206	MGM 200-60	60	8	120	961	22	8
803207	MGM 200-75	75	7	212	1488	22	9

* Data are given by unit

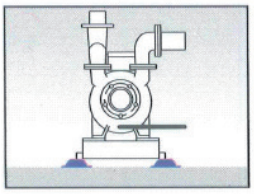
Assembly



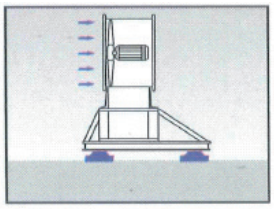
Applications



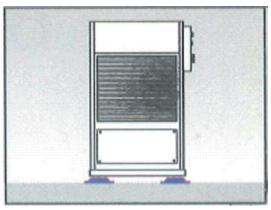
Compressors



Rotary pumps



Fans



Upright climatization units

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