

MN01 Series

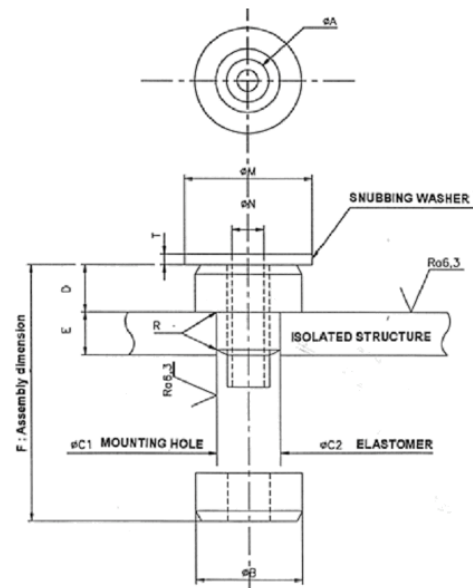
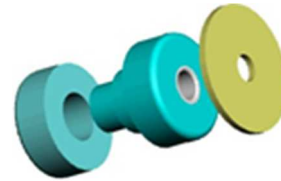
Construction

The metal parts are made in steel and rubber material is Neoprene with high mechanical properties and very good resistance to Oil, Ozone Sunlight aging and Heat aging and low creeping under static load

Applications

This dampers are generally used for structure noise reduction, damping of vibrations and protection of material against strong shock

They are perfectly suitable for insulation of vehicle cabs, engines, electric motors structure components, specially on board on ships and submarines



Dimensions

Range	Ø A	F	Ø C2	Ø B	D	Ø C1	E	Ø M	Ø N	T	R
MNOI-8	8,50	32	20,05	33,25	12,30	19 +0,4/0	10 +0/-1	40	9	2,3	1,0
MNOI-16	12,50	49	33,00	47,75	19,80	32 +0,4/0	14 +0/-1	55	13	3,4	1,5
MNOI-30 & MNOI-65	14,50	62	40,15	64,75	22,85	39 +0,4/0	20 +0/-1	72	15	4,8	2,3
MNOI-105 & MNOI-180	22,50	73	58,40	88,90	25,40	57 +0,5/0	25 +0/-1	100	23	6,4	3,0
MNOI-275	24,50	86	64,75	123,95	31,75	64 +0,5/0	25 +0/-1	135	25	9,5	3,0

The sizes are metric sizes and it have to be respected the dimensions given for Isolated structure unless the behaviour and lif etime could not been guaranteed

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Characteristics

Their symmetrical construction allows to support the static load in all directions and is fail-safe
Under sine excitation and for an input level of 0.21g the resonance frequencies are listed in table below Their static behaviour in axial and radial direction are given in control instructions listed in table

(Colour of snubbing washer)	Unit Load (max Load)	Axial resonance frequency	Radial resonance frequency	Control instruction
MNOI-8	10 Kg (10 Kg)	32 +/- 4 Hz	48 +/- 4Hz	90.MNOI-002-8 Edition 01
MN01-16 (Green)	21 Kg (55 Kg)	32 +/- 4 Hz	48 +/- 4Hz	90.MN01-002-16 Edition 01
MN01-30 (Blue)	40 Kg (105 Kg)	32 +/- 4 Hz	48 +/- 4Hz	90.MN01-002-30 Edition 01
MN01-65 (Red)	90 Kg (150 Kg)	32 +/- 4 Hz	26 +/- 4Hz	90.MN01-002-65 Edition 01
MNOI-105 (Black)	120 Kg (230 Kg)	32 +/- 4 Hz	28 +/- 4Hz	90.MNOI-002-105 Edition 01
MNOI-180 (Gra_y)	237 Kg (365 Kg)	32 +/- 4 Hz	18 +/- 2Hz	90.MNOI-002-180 Edition 01
MNOI-275 (White)	313 Kg (545 Kg)	32 +/- 4 Hz	18 +/- 2Hz	90.MNOI-002-275 Edition 01

Mounting principle

