Rubber buffers

Rubber and steel

RoHS +70° -30°

PLATES
Anthracite painted zinc-plated steel.

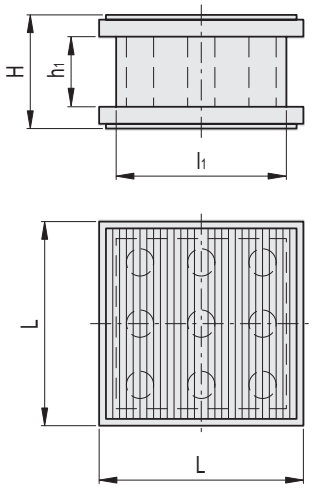
VIBRATION-DAMPER BODY
NBR rubber, hardness 30, 50, 55, 60 and 80 Shore A.

STANDARD EXECUTIONS
- **AVR-Q**: square plates with SBR rubber coating.
- **AVR-R**: rectangular plates.

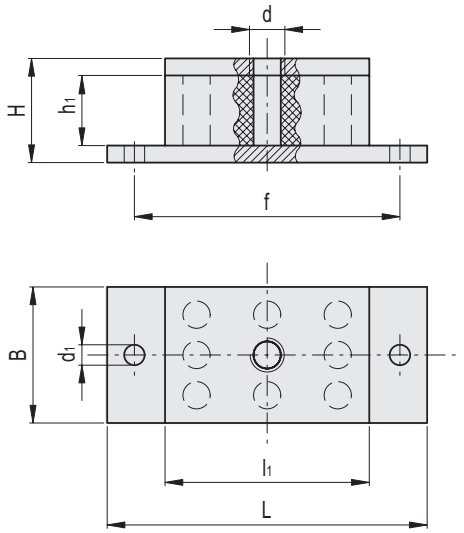
FEATURES AND APPLICATIONS
The AVR vibration-damper bases are made up of two steel plates glued on the two faces of a perforated NBR rubber vibration-damper body to ensure better performance.
Generally used for vibrations and shock insulation, where resistance to compression is required.
They are particularly suitable for use with HVAC, pumps, purification and desalination plants, instrumentation panels.
As widely known, vibrations can cause:
- malfunctioning and reduction of the machine lifespan and/or of the adjacent ones;
- noise and thus also damage to human health.



AVR-Q



AVR-R



AVR-Q

Code	Description	L	H	h1	l1	Min load [N]	Max load [N]	Min deflection [mm]	Max. deflection [mm]	⚖
480221	AVR-Q-140-50-200-50	200	72	50	140	10000	28000	5	12	6442
480223	AVR-Q-140-100-200-50	200	122	100	140	12000	23000	15	30	7662
480225	AVR-Q-140-150-200-50	200	172	150	140	11000	21000	25	45	8808

AVR-R

Code	Description	B	L	H	d	h1	d1 E10	l1	f	Min load [N]	Max load [N]	Min deflection [mm]	Max. deflection [mm]	⚖
480201	AVR-R-90-30-160-30	100	160	50	M16	30	13	90	125	3000	8400	5	10	2246
480211	AVR-R-130-30-200-30	100	200	50	M16	30	13	130	165	4500	12500	5	10	2998
480231	AVR-R-220-30-290-30	100	290	50	M16	30	13	220	255	7500	21000	5	10	4800
480233	AVR-R-220-30-290-50	100	290	50	M16	30	13	220	255	12500	30000	5	10	4830
480235	AVR-R-220-30-290-55	100	290	50	M16	30	13	220	255	16500	40000	5	10	4912
480237	AVR-R-220-30-290-60	100	290	50	M16	30	13	220	255	21000	49000	5	10	4828
480239	AVR-R-220-30-290-80	100	290	50	M16	30	13	220	255	23000	100000	5	10	4875

The min. load is the value below which the vibration damper is not able to isolate the vibrations as it would be too rigid.
The max load is the value beyond which some type of failure may occur that compromises the functionality of the vibration damper.
The min.deflection is the crushing of the vibration-damping support corresponding to the min. load.
The max.deflection is the crushing of the vibration-damping support corresponding to the max. load.

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