

Rubber Metal Buffers • waisted

EH 25151.



Product Description

To be used for elastic bearing of motors, compressors, pumps etc.
The waisted shape of these buffers means that the lateral forces are better damped compared to cylindrical rubber-metal buffers.
The hardness is 55 ±5° shore A. Further shore hardnesses (40 ±5° shore A and 70 ±5° shore A) on request.

Material

Support washer

- Steel, zinc-plated by galvanization, passivated

Threaded bushing

- Steel, zinc-plated by galvanization, passivated

Body

- Rubber natural caoutchouc (NR), black

Screw

- Steel, zinc-plated by galvanization, passivated

More information

Notes

Under compressive load, the dimension d_3 does not exceed the diameter d_1 .

Drawing





picture 1

picture 2

picture 3

Order information

Dimensions							Spring rate R	Load capacity max.	Spring range	Temperature		Weight	Art. No.
d_1	l_1	d_2	d_3	l_2	s	t				min.	max.		
[mm]							[N/mm]	[N]	[mm]	[°C]			
with female thread, on both sides – picture 1													
15	15	M 4	12	–	2	4	44	166	3.75	-30	80	6	25151.0009
20	15	M 6	14	–	2	6	77	289	3.75	-30	80	16	25151.0022
20	20	M 6	16	–	2	6	52	261	5.00	-30	80	19	25151.0023
25	20	M 6	20	–	2	6	153	767	5.00	-30	80	22	25151.0028
30	20	M 8	22	–	2	8	202	1010	5.00	-30	80	31	25151.0031
40	25	M 8	30	–	2	8	462	2890	6.25	-30	80	64	25151.0041
40	30	M 8	33	–	2	8	236	1798	7.50	-30	80	80	25151.0042
50	30	M10	42	–	2	10	200	1499	7.50	-30	80	109	25151.0053
75	40	M12	60	–	3	12	330	3298	10.00	-30	80	310	25151.0076
with female thread and screw – picture 2													
10	10	M 4	8	10	1	4	35	88	2.50	-30	80	3	25151.0106
15	15	M 4	12	10	2	4	38	142	3.75	-30	80	8	25151.0109
20	15	M 6	14	18	2	6	96	360	3.75	-30	80	17	25151.0122
20	20	M 6	16	18	2	6	61	305	5.00	-30	80	19	25151.0123

Dimensions							Spring rate R	Load capacity max.	Spring range				Art. No.
d ₁	l ₁	d ₂	d ₃	l ₂	s	t				min.	max.		
[mm]							[N/mm]	[N]	[mm]	[°C]			
25	20	M 6	20	18	2	6	224	1119	5.00	-30	80	24	25151.0128
30	20	M 8	22	20	2	8	173	863	5.00	-30	80	44	25151.0131
40	25	M 8	30	23	2	8	510	3188	6.25	-30	80	69	25151.0141
40	30	M 8	33	23	2	8	157	1178	7.50	-30	80	85	25151.0142
50	30	M10	42	28	2	10	263	1975	7.50	-30	80	112	25151.0153
75	40	M12	60	37	3	12	392	3922	10.00	-30	80	340	25151.0176
with screw, on both sides – picture 3													
10	10	M 4	8	10	1	–	35	69	2.50	-30	80	5	25151.0206
15	15	M 4	12	10	2	–	43	163	3.75	-30	80	14	25151.0209
20	15	M 6	14	18	2	–	73	273	3.75	-30	80	18	25151.0222
20	20	M 6	16	18	2	–	46	231	5.00	-30	80	20	25151.0223
25	20	M 6	20	18	2	–	180	902	5.00	-30	80	27	25151.0228
30	20	M 8	22	20	2	–	217	1087	5.00	-30	80	45	25151.0231
40	25	M 8	30	23	2	–	389	2430	6.25	-30	80	73	25151.0241
40	30	M 8	33	23	2	–	250	1873	7.50	-30	80	90	25151.0242
50	30	M10	42	28	2	–	203	1523	7.50	-30	80	184	25151.0253
75	40	M12	60	37	3	–	361	3610	10.00	-30	80	380	25151.0276

Compliance

RoHS compliant

Compliant according to Directive 2011/65/EU and Directive 2015/863.

Does not contain SVHC substances

No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 27.06.2024.

Does not contain Proposition 65 substances

No Proposition 65 substances included.

<https://www.P65Warnings.ca.gov/>

Free from Conflict Minerals

This product does not contain any substances designated as "conflict minerals" such as tantalum, tin, gold or tungsten from the Democratic Republic of Congo or adjacent countries.