

RUBBER-METAL ELEMENT TYPE GMP-2

BUFFER ELEMENT, CYLINDRICAL CROSS SECTION WITH MALE AND FEMALE THREAD



STRUCTURE TYPE GMP-2 METAL PARTS / RUBBER ELEMENT

- Buffer element, one side with threaded bolt (male thread), other side with nut thread (female thread)
- Material: 1.0038 (S235JR) / 8.8
- Corrosion protection: oiled or electrogalvanized
- Cylindrical rubber element with metal plates vulcanized onto both sides

Rubber grade	NBR
Rubber hardness	hard – 70 Shore A medium – 60 Shore A soft – 45 Shore A
Possible uses	Water, gas, fuel oil, mineral oil

DIMENSIONS / STRESS

Ø D	H	h	s	G	l	t	Rubber hard- ness Shore A	Compressive stress		Art. No..	Pck. qty.
								Spring rate c _z N/mm	Load F _{tol} * N		
20	25	21.5	2/1.5	M 6	16.0	6.5	70	140	290	51870000	100
20	25	21.5	2/1.5	M 6	16.0	6.5	60	80	180	51870500	100
20	25	21.5	2/1.5	M 6	16.0	6.5	45	50	100	51871000	100
25	20	16.5	2/1.5	M 6	11.0	6.6	70	300	470	51870100	80
25	20	16.5	2/1.5	M 6	11.0	6.6	60	140	290	51870600	80
30	20	15.5	2.5/2	M 8	13.0	6.5	45	650	900	51870200	60
30	20	15.5	2.5/2	M 8	13.0	6.5	70	410	560	51870700	60
30	20	15.5	2.5/2	M 8	13.0	6.5	60	240	330	51871200	60
30	20	14.5	2.5/3	M 8	16.0	6.5	45	670	820	00005942	60
30	20	14.5	2.5/3	M 8	16.0	6.5	60	420	510	00005943	60
30	30	24.0	3	M 8	21.0	9.5	70	340	740	51878000	60
30	30	24.0	3	M 8	21.0	9.5	60	210	460	51878700	60
30	30	24.0	3	M 8	21.0	9.5	45	120	270	51879400	60
30	40	34.0	3	M 8	21.0	9.5	60	110	410	51870800	60
30	40	34.0	3	M 8	21.0	9.5	45	60	240	51871300	60
40	30	24.0	3	M 8	21.0	9.5	60	340	740	51870900	40
40	30	24.0	3	M 8	21.0	9.5	70	200	440	51871400	40
50	40	34.0	3	M 10	26.5	10.5	60	550	2000	51878200	20
50	40	34.0	3	M 10	26.5	10.5	70	350	1240	51878900	20
50	40	34.0	3	M 10	26.5	10.5	60	210	730	51879600	20
75	50	44.0	3	M 12	39.0	12.5	45	930	4600	51878400	12
75	50	44.0	3	M 12	39.0	12.5	70	600	2850	51879100	12
75	50	44.0	3	M 12	39.0	12.5	60	310	1680	51879800	12
100	40	34.0	3	M 16	44.0	16.5	70	3100	6700	51879300	4
100	40	34.0	3	M 16	44.0	16.5	60	1600	4200	51878600	4
100	40	34.0	3	M 16	44.0	16.5	45	1000	2500	51880000	4

* F_{tol} is the **tolerable static permanent load**: a dynamic alternating load can be superimposed.
The stated tolerable loads are only approximate indications for the static load.
Delivery only possible in the stated packaging quantities (far-right column).

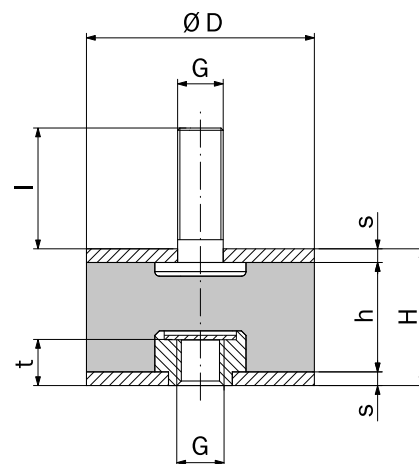
NOTE

Please comply with general technical instructions. Subject to technical alterations and deviations resulting from the manufacturing process.

APPLICATIONS

- for simple elastic bearings
- highly versatile in e.g.
 - mechanical engineering
 - electrical industry
- for damping sound and vibration
- for compressive stress
- for shearing stress
- for superimposed compressive/shearing stress

VERSIONS



Type GMP-2

With male and female thread