

Mounting instructions

Installation instructions

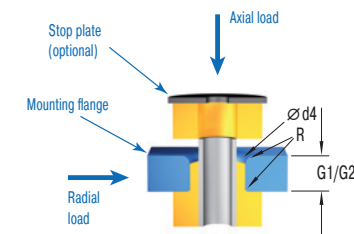
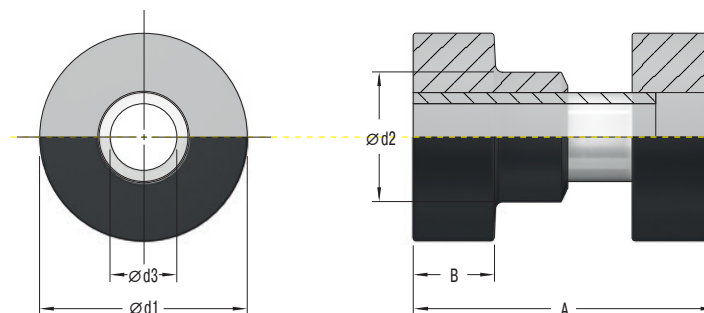
Before installation and use check whether the identification number on the product or on the packaging matches the respective designation on the delivery note.

Operating temperature range: -30 °C to +80 °C

Operating temperature range (special silicone version):

-60 °C to +150 °C

Operating total load (respective type): see table



d4 = mounting hole in the flange
R = required radius
A = length in mounted condition

WARNING

⚠ Exceeding the temperature range can lead to a premature failure of the product.

⚠ Use only in the load range according to the design and do not exceed or fall below.

⚠ Must not come into contact with harsh cleaning agents as well as petrol or benzene, as these can attack the neoprene elastomer/silicone insert.

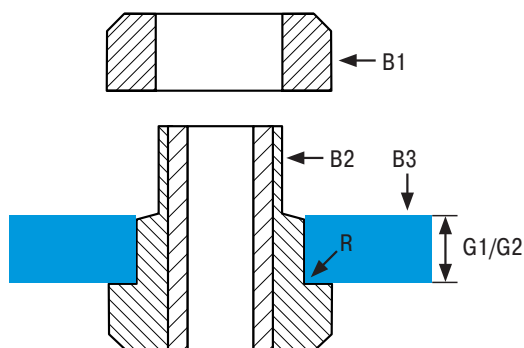
⚠ The neoprene elastomer/silicone insert must not come into contact with sharp objects, as it may become damaged as a result.

Performance and dimensions

TYPES	A mm	B mm	Ød1 mm	Ød2 mm	Ød3 mm	Ød4 mm	G1 mm	G2 mm	R mm
UMO-60011 - 60015	31.8	12.7	31.8	19.8	9.9	19.0	9.4	-	0.75
UMO-60021 - 60025	49.3	19.8	47.5	33.3	13.5	31.8	12.7	14.2	1.5
UMO-60031 - 60035	62.2	22.9	64.3	39.4	16.3	38.1	19.1	22.4	2.0
UMO-60041 - 60045	73.2	25.4	88.9	58.4	23.9	57.2	25.4	28.0	3.0
UMO-60051 - 60055	85.9	31.8	124.0	64.8	26.9	63.5	25.4	28.4	3.0

Mounting instructions

1. Insert the lower part of the UMO (B2) into hole C of pad B3.
Observe recommended pad thickness G1 or G2 and find recommended radius in the table.
2. Pin the upper part of the UMO (B1).
3. Bolt the component to be isolated to UMO with the right bolt for hole A.



Packaging disposal

Please dispose of the transportation packaging in an environmentally-friendly manner. Recycling packaging materials saves raw materials and reduces waste. The packaging materials do not contain any prohibited materials.

Load with pad thickness G1

Load with pad thickness G2

TYPES	Colour code*	Shore (+5)	axial kg	radial kg	fn Hz	T max. Nm	axial kg	radial kg	fn Hz	T max. Nm
UMO-60011	yellow	35	20	10	15	40	-	-	-	40
UMO-60012	red	45	40	15	15	40	-	-	-	40
UMO-60013	green	55	65	20	15	40	-	-	-	40
UMO-60014	blue	65	115	25	15	40	-	-	-	40
UMO-60015	white	75	140	30	15	40	-	-	-	40
UMO-60021	yellow	35	30	20	15	160	60	25	12	160
UMO-60022	red	45	55	40	15	160	80	30	12	160
UMO-60023	green	55	75	60	15	160	110	40	12	160
UMO-60024	blue	65	120	80	15	160	175	75	12	160
UMO-60025	white	75	175	130	15	160	285	125	12	160
UMO-60031	yellow	35	40	30	15	300	95	40	11	300
UMO-60032	red	45	70	50	15	300	160	65	11	300
UMO-60033	green	55	105	75	15	300	220	100	11	300
UMO-60034	blue	65	150	110	15	300	390	175	11	300
UMO-60035	white	75	230	165	15	300	600	315	11	300
UMO-60041	yellow	35	70	50	15	126	800	60	10	800
UMO-60042	red	45	140	100	15	126	800	105	10	800
UMO-60043	green	55	180	140	15	126	800	155	10	800
UMO-60044	blue	65	230	180	15	126	800	265	10	800
UMO-60045	white	75	365	265	15	126	800	440	10	800
UMO-60051	yellow	35	140	70	15	1,120	515	110	10	1,120
UMO-60052	red	45	230	100	15	1,120	875	155	10	1,120
UMO-60053	green	55	320	140	15	1,120	1,170	275	10	1,120
UMO-60054	blue	65	410	215	15	1,120	1,600	400	10	1,120
UMO-60055	white	75	545	300	15	1,120	2,065	640	10	1,120

* The colour code serves to identify the loading capacity. The products are colour-coded accordingly.