



UMO

Universal Mounts

Universal connection isolators

UMOs (universal mounts) are two-part isolators for connecting machines or plants with bordering components, such as cabins or housings.

The UMOs can be installed in any spatial position and effectively decouple two components from each other. A galvanised metal limiting sleeve is vulcanised into the elastomer cylinders. The UMOs can be used within the wide temperature range of -30 °C to +80 °C.

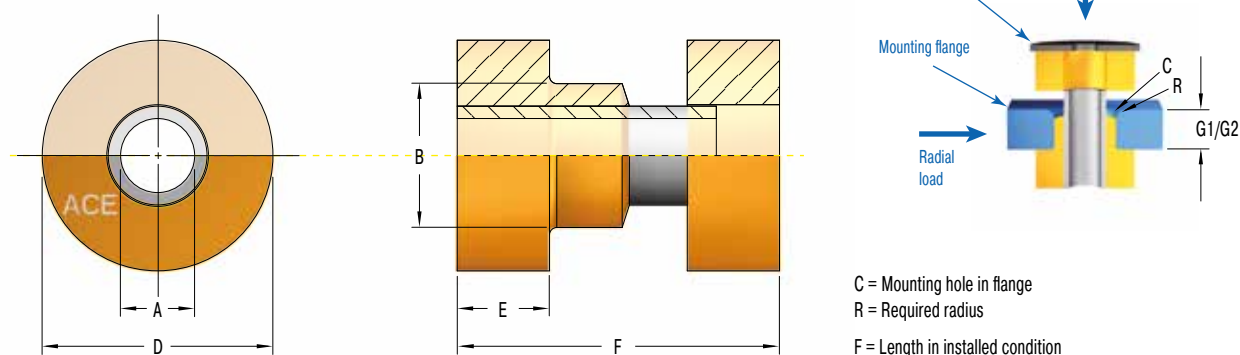
Properties

- Can be installed in all spatial axes
Can be used for shear, compressive and tensile loads
- Simple design
- Fail-safe with the use of stop washers
- All metal parts galvanised (ROHS compliant)
- Rubber part made of neoprene (chloroprene rubber), silicone available on request
- Operating temperature range -30 °C to +80 °C

Areas of application

- Machinery and equipment
- Conveying systems
- Compressors
- Generators
- Shipbuilding
- Construction machines
- Agricultural machines
- Off-road vehicles
- Transport industry

UMO-600xx



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

Type	Colour Code*	Shore (+5)	Load with plate thickness G1				Load with plate thickness G2			
			axial kg	radial kg	fe Hz	T1 Nm	axial kg	radial kg	fe Hz	T2 Nm
UMO-60011	yellow	35	20	10	15	10				
UMO-60012	red	45	40	15	15	10				
UMO-60013	green	55	65	20	15	10				
UMO-60014	blue	65	115	25	15	10				
UMO-60015	white	75	140	30	15	10				
UMO-60021	yellow	35	30	20	15	13	60	25	12	14
UMO-60022	red	45	55	40	15	13	80	30	12	14
UMO-60023	green	55	75	60	15	13	110	40	12	14
UMO-60024	blue	65	120	80	15	13	175	75	12	14
UMO-60025	white	75	175	130	15	13	285	125	12	14
UMO-60031	yellow	35	40	30	15	19	95	40	11	22
UMO-60032	red	45	70	50	15	19	160	65	11	22
UMO-60033	green	55	105	75	15	19	220	100	11	22
UMO-60034	blue	65	150	110	15	19	390	175	11	22
UMO-60035	white	75	230	165	15	19	600	315	11	22
UMO-60041	yellow	35	70	50	15	25	125	60	10	28.6
UMO-60042	red	45	140	100	15	25	230	105	10	28.6
UMO-60043	green	55	180	140	15	25	350	155	10	28.6
UMO-60044	blue	65	230	180	15	25	530	265	10	28.6
UMO-60045	white	75	365	265	15	25	950	440	10	28.6
UMO-60051	yellow	35	140	70	15	25	515	110	10	32
UMO-60052	red	45	230	100	15	25	875	155	10	32
UMO-60053	green	55	320	140	15	25	1170	275	10	32
UMO-60054	blue	65	410	215	15	25	1600	400	10	32
UMO-60055	white	75	545	300	15	25	2065	640	10	32

* The colour code is for identifying the loading capacity. The products are marked in colour accordingly.