BRTM

Data sheet - rev. 1.0

Rod Ends - Premium Line

Rod ends with roller bearing, cage design, male thread, series K, DIN ISO 12240-4, low maintenance, lubrication possible

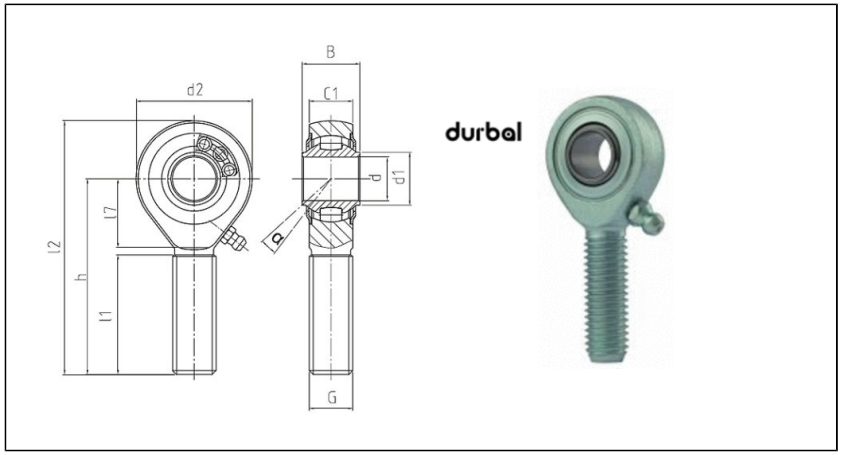
FEATURES AND ADVANTAGES

- **HOUSING**: 17Cr3 forged steel, case hardened bearing race, superfinished, surface galvanized, free of Cr VI
- **INNER RING**: 100Cr6 ball bearing steel, hardened, superfinished
- **ROLLING ELEMENT**: 100Cr6 ball bearing steel, hardened, superfinished
- **MAINTENANCE**: low maintenance, lubrication possible, aluminium-complex-soap-grease, approval according to USDA H1
- **GREASE NIPPLE**: DIN 3405 D1/A (until size 10) / DIN 71 412 H1 (from size 12), further grease nipples
- **TEMPERATURE RANGE**: -45° C to +120° C
- **USE & MAINTENANCE :** see this page
- **STATIC LOAD SERVICE LIFE :** see this page
- **TOLERANCES :** see this page

SCAN ME!

myRollon

COMPONENTS AND DIMENSIONS



Type		Measurements [mm]															Tilt angle	Rotational speed limit	Axial factor		Basic load rating		Radial clearance	Weight
Right hand thread	Left hand thread	d	G	B	C1	h/h1	d1	d2	d3	d4	dk	l1/l3	l2/l4	l5	l7	W	α (°)	n_{max} (min^{-1})	Y	Y0	dyn C (kN)	stat C0 (kN)	CN (µm)	kg
BRTM 10 - 00 - 501	**BRTM 10 - 00 - 502**	10	M10	14	10.5	48	12.7	28	-	-	-	29	62	-	15	-	8	1225	9.5	5	9.5	5.4	10-30	0.06
BRTM 12 - 00 - 501	**BRTM 12 - 00 - 502**	12	M12	16	12	54	14.6	32	-	-	-	33	70	-	19	-	7	1125	9.5	5	10.3	6.6	10-30	0.09
BRTM 16 - 00 - 501	**BRTM 16 - 00 - 502**	16	M16	21	15	66	19	42	-	-	-	40	87	-	22	-	7	975	9.5	5	13.3	8.9	10-30	0.19
BRTM 20 - 00 - 501	**BRTM 20 - 00 - 502**	20	M20x1.5	25	18	78	24.3	50	-	-	-	47	103	-	28	-	7	825	9.5	5	17	11.7	10-30	0.34
BRTM 25 - 00 - 501	**BRTM 25 - 00 - 502**	25	M24x2	31	22	94	30.1	64	-	-	-	57	126	-	360	-	5	600	9.5	5	24.9	18.5	10-30	0.6
BRTM 30 - 00 - 501	**BRTM 30 - 00 - 502**	30	M30x2	37	25	110	34.5	70	-	-	-	66	145	-	35	-	7.5	450	9.5	5	32.5	24.9	10-30	0.91
BRTM 35 - 00 - 501	**BRTM 35 - 00 - 502**	35	M36x2	48	35	137	44.5	92	-	-	-	82	183	-	48	-	7	400	9.5	5	50.1	37	10-30	2
BRTM 40 - 00 - 501	**BRTM 40 - 00 - 502**	40	M42x2	66	49	170	60	120	-	-	-	94	230	-	70	-	7	360	9.5	5	104.9	79.2	10-30	4.35