

BRTM Niro

Data sheet - rev. 1.0

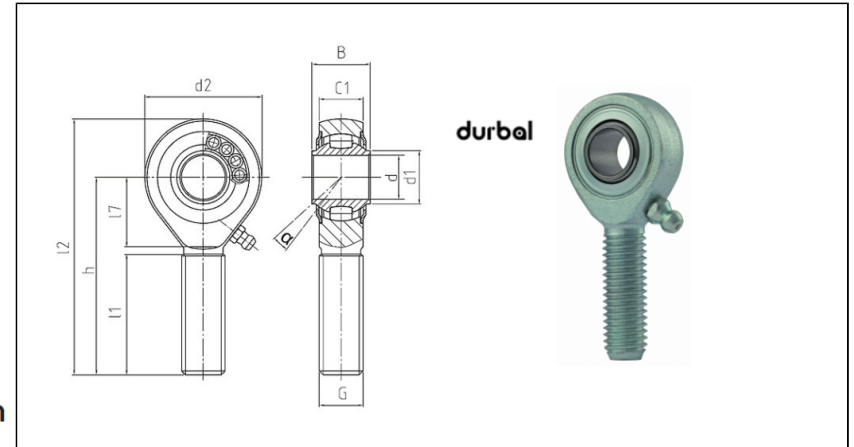
Rod Ends - Premium Line Stainless Steel

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

FEATURES AND ADVANTAGES

- **HOUSING:** AISI 420 stainless steel, forged, hardened, bearing race superfinished, Size 25, 30 can be made as turning part, surface electropolished
- **INNER RING:** AISI 440b stainless steel, hardened, superfinished
- **ROLLING ELEMENT:** AISI 440c stainless steel, hardened, super
- **MAINTENANCE:** low maintenance, lubrication possible, aluminium-complex-soap-grease, approval according to USDA H1
- **GREASE NIPPLE IN STAINLESS STEEL:** 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](#)

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	I1/I3	I2/I4	I5	I7	W	α (°)	n_{max} (min ⁻¹)	Y	Y0	dyn C (kN)	stat C0 (kN)	CN (µm)	kg
BRTM 10 - 60 - 501	BRTM 10 - 60 - 502	10	M10	14	10.5	48	48	28	-	-	-	29	62	-	15	-	8	1225	9.5	5	6.7	3.8	10-30	0.06
BRTM 12 - 60 - 501	BRTM 12 - 60 - 502	12	M12	16	12	54	54	32	-	-	-	33	70	-	19	-	7	1125	9.5	5	7.2	4.6	10-30	0.09
BRTM 16 - 60 - 501	BRTM 16 - 60 - 502	16	M16	21	15	66	66	42	-	-	-	40	87	-	22	-	7	975	9.5	5	9.3	6.2	10-30	0.19
BRTM 20 - 60 - 501	BRTM 20 - 60 - 502	20	M20x1.5	25	18	78	78	50	-	-	-	47	103	-	28	-	7	825	9.5	5	11.9	8.2	10-30	0.34
BRTM 25 - 60 - 501	BRTM 25 - 60 - 502	25	M24x2	31	22	94	94	64	-	-	-	57	126	-	30	-	5	600	9.5	5	17.4	13	10-30	0.6
BRTM 30 - 60 - 501	BRTM 30 - 60 - 502	30	M30x2	37	25	110	110	70	-	-	-	66	145	-	35	-	7.5	450	9.5	5	22.8	17	10-30	0.91

ROTATIONAL UNITS