EF Niro

Data sheet - rev. 1.0

Rod Ends - Classic Line Stainless Steel

Rod ends in stainless steel with DURBAL-Glide (PTFE), female thread, series E/EH, DIN ISO 12240-4 & 8139, maintenance free

FEATURES AND ADVANTAGES

- **HOUSING**: AISI 304 stainless steel, forged, surface electropolished
- **RACE DURBAL-GLIDE**: Polyamid-PTFE-fibreglass-Compound
- **JOINT BALL**: AISI 440C stainless steel, hardened, ground, polished
- **MAINTENANCE**: maintenance free
- **TEMPERATURE RANGE**: -30° C to +60° C
- **USE & MAINTENANCE :** see this page
- **STATIC LOAD SERVICE LIFE :** see this page
- **TOLERANCES :** see this page

SCAN ME!

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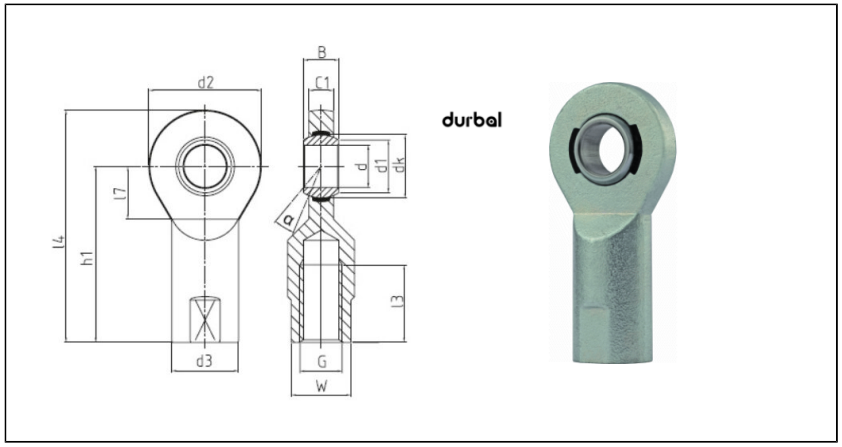
COMPONENTS AND DIMENSIONS



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	dk	l1/l3	l2/l4	l5	l7	W	α (°)	n_{max} (min^{-1})	Y	Y0	dyn C (kN)	stat C0 (kN)	CN (µm)	kg
EF 06 - 60 - 501	**EF 06 - 60 - 502**	6	M6	6	4	30	8	20	-	10	12	40	8.5	11	9	13	-	-	-	2.5	7.6	0-10	0.02
EF 08 - 60 - 501	**EF 08 - 60 - 502**	8	M8	8	5	36	10	23	-	13	16	47.5	10.5	12	11	15	-	-	-	4.2	9.4	0-10	0.03
EF 10 - 60 - 501	**EF 10 - 60 - 502**	10	M10	9	6	43	13	28	-	16	20	57	10.5	13	14	12	-	-	-	6.4	14	0-10	0.05
EF 10 - 61 - 501	**EF 10 - 61 - 502**	10	M10x1.25	9	6	43	13	28	-	16	20	57	10.5	13	14	12	-	-	-	6.4	14	0-10	0.05
EF 12 - 61 - 501	**EF 12 - 61 - 502**	12	M12x1.25	10	7	50	15	32	-	18	22	66	12.5	15	17	10.5	-	-	-	7.2	19.5	0-10	0.09
EF 12 - 60 - 501	**EF 12 - 60 - 502**	12	M12	10	7	50	15	32	-	18	22	66	12.5	15	17	10.5	-	-	-	7.2	19.5	0-10	0.09
EF 15 - 60 - 501	**EF 15 - 60 - 502**	15	M14	12	9	61	18	38	-	22	25	80	12.5	18	19	8.5	-	-	-	13.4	28.5	0-10	0.14
EF 17 - 60 - 501	**EF 17 - 60 - 502**	17	M16	14	10	67	20	44	-	25	28	89	16.5	20	22	10	-	-	-	19.2	35.3	0-10	0.21
EF 20 - 60 - 501	**EF 20 - 60 - 502**	20	M20x1.5	16	12	77	24	51	-	29	33	102.5	17.5	23	24	9	-	-	-	25.2	46.8	0-10	0.29
EF 25 - 60 - 501	**EF 25 - 60 - 502**	25	M24x2	20	16	94	29	62	-	35.5	42	125	19.5	30	30	7.5	-	-	-	42.4	77.2	0-10	0.57
EF 30 - 60 - 501	**EF 30 - 60 - 502**	30	M30x2	22	18	110	34	70	-	40.7	51	145	19.5	32	36	6	-	-	-	54	97.4	0-10	0.91
EF 35 - 61 - 501	**EF 35 - 61 - 502**	35	M36x2	25	20	130	39	82	-	47	66	171	24.5	38	41	6.5	-	-	-	70.4	128.6	0-10	1.23
EF 35 - 60 - 501	**EF 35 - 60 - 502**	35	M36x3	25	20	125	39	82	-	47	61	166	24.5	38	41	6.5	-	-	-	70.4	128.6	0-10	1.23
EF 40 - 60 - 501	**EF 40 - 60 - 502**	40	M42x3	28	22	145	45	92	-	53	71	191	24.5	42	50	7	-	-	-	86	159.2	0-10	2.08
EF 40 - 61 - 501	**EF 40 - 61 - 502**	40	M39x3	28	22	142	45	92	-	53	66	188	24.5	42	46	7	-	-	-	86	159.2	0-10	1.88
EF 45 - 61 - 501	**EF 45 - 61 - 502**	45	M42x3	32	25	145	50	102	-	60	66	196	29.5	50	50	7.5	-	-	-	107	200.5	0-10	2.5
EF 45 - 60 - 501	**EF 45 - 60 - 502**	45	M45x3	32	25	165	50	102	-	60	76	216	29.5	50	55	7.5	-	-	-	107	200.5	0-10	3.09
EF 50 - 60 - 501	**EF 50 - 60 - 502**	50	M52x3	35	28	195	55	112	-	66	89	251	30.5	60	60	6.5	-	-	-	132	241.8	0-10	3.98
EF 50 - 61 - 501	**EF 50 - 61 - 502**	50	M45x3	35	28	160	55	112	-	66	69	216	30.5	60	55	6.5	-	-	-	132	241.8	0-10	3.2
EF 60 - 60 - 501	**EF 60 - 60 - 502**	60	M60x4	44	36	225	66	135	-	80	103	292.5	33.5	70	70	6.5	-	-	-	208	376.2	0-10	7.3
EF 60 - 61 - 501	**EF 60 - 61 - 502**	60	M52x3	44	36	175	66	135	-	80	71	242.5	33.5	70	60	6.5	-	-	-	208	376.2	0-10	5.9

ROTATIONAL UNITS