

DGAR UK

Data sheet - rev. 1.0

Rod Ends - Basic Line

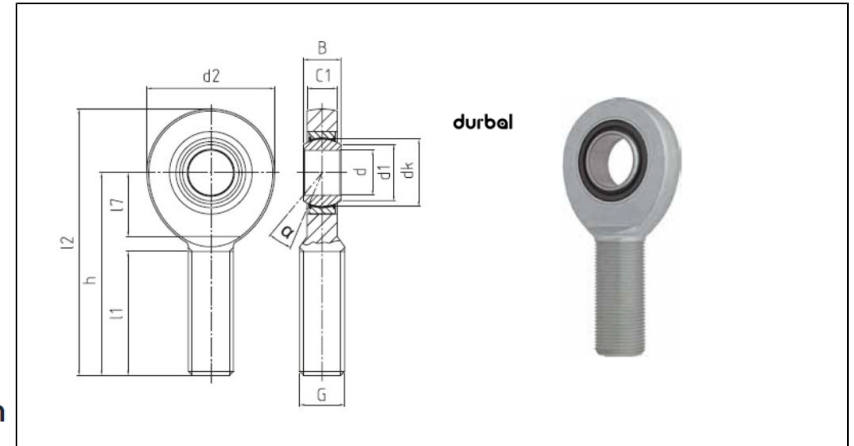
Rod ends with pressed spherical-plain bearing, steel/PTFE, series E, male thread, according to DIN ISO 12240-4, maintenance free

FEATURES AND ADVANTAGES

- **HOUSING:** C45 forged heat-treated steel, surface galvanized, free of Cr VI
- **OUTER RING:** heat-treated steel, lined with bronze – PTFE – composite
- **JOINT BALL:** 100 Cr6 ball bearing steel, hardened, ground, polished, up to size 12 hard chromium plated
- **MAINTENANCE:** maintenance free
- **TEMPERATURE RANGE:** -40° C to +200° 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	l1/13	l2/14	l5	l7	W	α (°)	n _{max} (min ⁻¹)	Y	Y0	dyn C (kN)	stat C0 (kN)	CN (μm)	kg
DGAR 06 UK	DGAL 06 UK	6	M6	6	4.4	36	8	21	-	-	10	18	46.5	-	12	-	13	-	-	-	5.1	5.7	0-32	0.02
DGAR 08 UK	DGAL 08 UK	8	M8	8	6	42	10	24	-	-	13	22	54	-	14	-	15	-	-	-	9.8	10.5	0-32	0.03
DGAR 10 UK	DGAL 10 UK	10	M10	9	7	48	13	29	-	-	16	26	62.5	-	15	-	12	-	-	-	14.4	16.7	0-32	0.05
DGAR 12 UK	DGAL 12 UK	12	M12	10	8	54	15	34	-	-	18	28	71	-	18	-	11	-	-	-	18.9	21.8	0-32	0.09
DGAR 15 UK	DGAL 15 UK	15	M14	12	10	63	18	40	-	-	22	34	83	-	20	-	8	-	-	-	29.7	25.1	0-40	0.14
DGAR 17 UK	DGAL 17 UK	17	M16	14	11	69	20	46	-	-	25	36	92	-	23	-	10	-	-	-	37.5	32.7	0-40	0.19
DGAR 20 UK	DGAL 20 UK	20	M20x1.5	16	13	78	24	53	-	-	29	43	104.5	-	27	-	9	-	-	-	52.2	44.7	0-40	0.31
DGAR 25 UK	DGAL 25 UK	25	M24x2	20	17	94	29	64	-	-	35.5	53	126	-	32	-	7	-	-	-	85.2	74.1	0-50	0.56
DGAR 30 UK	DGAL 30 UK	30	M30x2	22	19	110	34	73	-	-	40.7	65	146.5	-	37	-	6	-	-	-	10.9	96	0-50	0.89

ROTATIONAL UNITS