

Rod ends with female thread: KBRM and KBLM



Standard design



Stainless steel sleeve
version (MH)



Lifetime calculation online

► www.igus.eu/igubal-expert

- Maintenance-free, dry operation
- High rigidity
- Very high durability in varying loads
- Compensation of misalignment errors
- Compensation of edge loads
- Resistant to dirt, dust and lint
- Resistant to corrosion and chemicals
- High vibration-dampening
- Suitable for rotating, oscillating and linear movements
- Lightweight
- Dimensional series K according to standard
DIN ISO 12240
- Available with a stainless steel sleeve to take a higher
tightening torque
- Adapter bolt with circlip available
► Accessories, **page 780**

Technical data

Part No.		Max. static tensile strength		Max. static radial load		Min. thread depth	Max. tightening torque	Max. tightening torque through ball		Weight
		Short-term	Long-term	Short-term	Long-term			without stainless steel sleeve	with stainless steel sleeve	
Right-hand thread	Left-hand thread	[N]	[N]	[N]	[N]	[mm]	[Nm]	[Nm]	[Nm]	[g]
KBRM-02	KBLM-02	200	100	50	25	4	0.30	1	–	0.4
KBRM-03	KBLM-03	800	400	100	50	5	0.50	2	4	2.7
KBRM-05 M4	KBLM-05 M4	1,000	500	250	125	7	0.75	5	12	3.5
KBRM-05	KBLM-05	1,000	500	250	125	7	1.00	5	12	3.4
KBRM-06	KBLM-06	1,400	700	400	200	8	1.50	10	15	4.7
KBRM-08	KBLM-08	2,100	1,050	700	350	11	5.00	12	40	8.6
KBRM-10	KBLM-10	3,100	1,550	800	400	13	15.00	20	50	14.6
KBRM-10 F	KBLM-10 F	3,100	1,550	800	400	13	6.00	20	50	14.6
KBRM-12 ¹²⁹⁾	KBLM-12	3,600	1,800	900	450	15	20.00	30	70	22.0
KBRM-12 F	KBLM-12 F	3,600	1,800	900	450	15	15.00	30	70	22.0
KBRM-14	KBLM-14	4,000	2,000	1,000	500	17	25.00	35	75	30.9
KBRM-16	KBLM-16	4,200	2,100	1,300	650	19	30.00	40	110	39.6
KBRM-16 F	KBLM-16 F	4,200	2,100	1,300	650	19	27.50	40	110	39.6
KBRM-18	KBLM-18	4,600	2,300	1,600	800	21	45.00	45	150	55.0
KBRM-20	KBLM-20	5,400	2,700	2,100	1,050	22	60.00	55	200	73.5
KBRM-20 M20	KBLM-20 M20	5,400	2,700	2,100	1,050	22	60.00	55	200	73.5
KBRM-22	KBLM-22	7,000	3,500	2,200	1,100	25	75.00	60	–	94.8
KBRM-25	KBLM-25	8,500	4,250	2,300	1,150	28	120.00	60	–	119.8
KBRM-30	KBLM-30	10,500	5,250	2,500	1,250	34	135.00	60	–	177.0
KBRM-30 M27x2	KBLM-30 M27x2	10,500	5,250	2,500	1,250	34	135.00	60	–	189.6

¹²⁹⁾ Hexagonal body. Drawing as for KCRM, page 683