

Rod ends with female thread: KBRM and KBLM



Standard design

Design with
metal sleeve (MH)

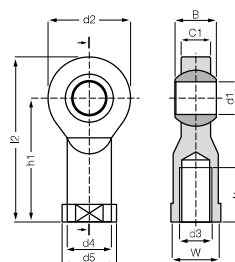
- Maintenance free, self-lubricating
- High strength under impact loads
- Very high tensile strength for varying loads
- Compensation of misalignment
- Compensation of edge loads
- Resistant to dirt, dust and lint
- Corrosion- and chemical-resistant
- High vibration-dampening
- Suitable for rotating, oscillating and linear movements
- Very low weight
- Dimensional series K according to standard DIN ISO 12240
- Available with a metal sleeve for a higher torque



Inch dimensions available
► From page 1183

Technical data

Part No.		Max. static tensile strength		Max. static radial load		Min. thread depth		Max. torque strength		Max. torque through ball		Weight [g]
Right-hand thread	Left-hand thread	Short term [N]	Long term [N]	Short term [N]	Long term [N]	Thread [mm]	Inner threading	Standard without MH [Nm]	Standard with MH [Nm]			
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	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		

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Order key

Type	Size	Options
K	B	... M - 02
Dimensional series K	Housing (female thread)	Thread
	Thread	Metric
	Inner-Ø [mm]	



Material:

Housing: igumid G ► Page 1235

Spherical ball: iglidur® W300 ► Page 121

Dimensions [mm]

Part No.		d1	d2	d3	d4	d5	C1	B	h1	l1	l2	W	Max. pivot angle
		E10											
Right-hand thread	Left-hand thread							without MH	with MH +0,2				
KBRM-02	KBLM-02	02	9	M02	4,0	4,6	3,0	4	—	12,5	6	17	SW04 30°
KBRM-03	KBLM-03	03	13	M03	6,5	8,0	4,5	6	6,2	18,5	8	25	SW06 30°
KBRM-05 M4	KBLM-05 M4	05	18	M04	9,0	12,0	6,0	8	8,2	27	10	36	SW09 30°
KBRM-05	KBLM-05	05	18	M05	9,0	12,0	6,0	8	8,2	27	10	36	SW09 30°
KBRM-06	KBLM-06	06	20	M06	10,0	13,0	7,0	9	9,2	30	12	40	SW11 29°
KBRM-08	KBLM-08	08	24	M08	13,0	16,0	9,0	12	12,2	36	16	48	SW14 25°
KBRM-10	KBLM-10	10	30	M10	15,0	19,0	10,5	14	14,2	43	20	58	SW17 25°
KBRM-10 F	KBLM-10 F	10	30	M10 x 1,25	15,0	19,0	10,5	14	14,2	43	20	58	SW17 25°
KBRM-12	KBLM-12	12	34	M12	18,0	22,0	12,0	16	16,2	50	22	67	SW19 25°
KBRM-12 F	KBLM-12 F	12	34	M12 x 1,25	18,0	22,0	12,0	16	16,2	50	22	67	SW19 25°
KBRM-14	KBLM-14	14	38	M14	20,0	25,0	13,5	19	19,2	57	25	76	SW22 25°
KBRM-16	KBLM-16	16	42	M16	22,0	27,0	15,0	21	21,2	64	28	85	SW22 23°
KBRM-16 F	KBLM-16 F	16	42	M16 x 1,5	22,0	27,0	15,0	21	21,2	64	28	85	SW22 23°
KBRM-18	KBLM-18	18	46	M18 x 1,5	25,0	31,0	16,5	23	23,2	71	32	94	SW27 23°
KBRM-20	KBLM-20	20	50	M20 x 1,5	28,0	34,0	18,0	25	25,2	77	33	102	SW30 23°
KBRM-20 M20	KBLM-20 M20	20	50	M20 x 2,5	28,0	34,0	18,0	25	25,2	77	33	102	SW30 23°
KBRM-22	KBLM-22	22	56	M22 x 1,5	30,0	37,0	20,0	28	—	84	37	112	SW32 22°
KBRM-25	KBLM-25	25	60	M24 x 2,0	32,0	41,0	22,0	31	—	94	42	124	SW36 22°
KBRM-30	KBLM-30	30	70	M30 x 2,0	37,0	50,0	25,0	37	—	110	50	145	SW41 22°
KBRM-30 M27x2	KBLM-30 M27x2	30	70	M27 x 2,0	37,0	50,0	25,0	37	—	110	50	145	SW41 22°

For rod ends with metal insert please add MH to the part number. Example: KBRM-10 MH (Inner-Ø: 10 mm).