

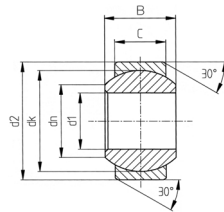
Female Rod Ends

d ₁	d _n	d ₂	d ⁴	d ⁵	c ₁	h ₁	l ₃	l ₄	l ₅	Mftrs' List No.	Order Code
5	7,7	18	9	12	6	27	10	36	4	KBRM-05	721-9428
6	8,9	20	10	13	7	30	12	40	5	KBRM-06	721-9430
8	10,3	24	13	16	9	36	16	48	5	KBRM-08	721-9441
10	12,9	30	15	19	10,5	43	20	58	6,5	KBRM-10	721-9453
12	15,4	34	18	22	12	50	22	67	6,5	KBRM-12	721-9465
14	16,8	38	20	25	13,5	57	25	76	8	KBRM-14	721-9477
16	19,3	42	22	27	15	64	28	85	8	KBRM-16	721-9489

bas94

Type	Thread	Order Code	1+	5+	10+	25+	50+
Male	M5	721-9350					
Male	M6	721-9362					
Male	M8	721-9374					
Male	M10	721-9386					
Male	M12	721-9398					
Male	M14	721-9404					
Male	M16	721-9416					
Female	M5	721-9428					
Female	M6	721-9430					
Female	M8	721-9441					
Female	M10	721-9453					
Female	M12	721-9465					
Female	M14	721-9477					
Female	M16	721-9489					

Pivoting Bearings



IGUBAL

- Compensate for alignment errors
- Very good vibration reduction
- High load bearing capacity at normal ambient temperatures
- Suitable for rotary, oscillating and axial movements
- Installed by simple press-fitting into an H7 bore

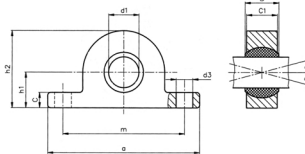
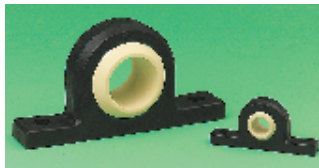
d ₁ ¹⁾	d ₂ ²⁾	B	C	d _n	d _k	Mftrs' List No.	Order Code
5	13	8	6	7.7	11.1	KGLM-05	721-9490
8	19	12	9	10.3	15.8	KGLM-08	721-9507
10	22	14	10.5	12.9	19	KGLM-10	721-9519
16	32	21	15	19.3	28.5	KGLM-16	721-9520
25	47	31	22	29.5	42.8	KGLM-25	721-9532
30	55	37	25	34.8	50.8	KGLM-30	721-9544

- 1) Barrel gauge test
- 2) Press fit in locating bore D (h7)

bas95

Size	Order Code	1+	5+	10+	25+	50+
5mm	721-9490					
8mm	721-9507					
10mm	721-9519					
16mm	721-9520					
25mm	721-9532					
30mm	721-9544					

Pedestal Bearings



IGUBAL

- Compensates for alignment errors and avoids edge pressures
- Housings manufactured from an impact resistant, rigid thermoplastic composite material
- Abrasion resistant interior bearing cap suited for dry applications
- The low friction coefficient means high sliding speeds up to a maximum of 1.5m/s for rotary movements and 8m/s for linear movements can be supported

d ₁ ¹⁾	B	C1	h1	h2	a	C	m	d3	Mftrs. List No.	Order Code
(E10)										
5	8	6.0	7	14	36	3	25	3.3	JAM-05	721-9556
10	14	10.5	14	28	60	6	46	5.5	JAM-10	721-9568
12	16	12.0	14	28	60	6	46	5.5	JAM-12	721-9570
16	21	15.0	18	36	80	6	60	6.5	JAM-16	721-9581
20	25	18.0	22	44	88	9	68	8.5	JAM-20	721-9593
25	31	22.0	27	54	110	10	86	8.5	JAM-25	721-9600
30	37	25	32	64	124	10	96	10.5	JAM-30	721-9611

bas96

Size	Order Code	1+	5+	10+	25+	50+
5mm	721-9556					
10mm	721-9568					
12mm	721-9570					
16mm	721-9581					
20mm	721-9593					
25mm	721-9600					
30mm	721-9611					

Two Bolt Spherical



IGUBAL

- Easy to mount
- Suitable for rotary, oscillating and axial movements
- Compensates for misalignments

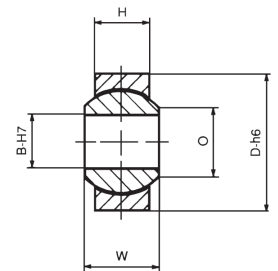
Shaft	Max. Width	Total Height	Mftrs. List No.	Order Code
5	40	8,5	EFOM-05	721-9647
10	52	12,0	EFOM-10	721-9659
12	62	13,0	EFOM-12	721-9660
16	77	16,5	EFOM-16	721-9672
20	42	18,5	EFOM-20	721-9684
25	101	23,5	EFOM-25	721-9696
30	128	24,5	EFOM-30	721-9702

bas97

Size	Order Code	1+	5+	25+	50+
5mm	721-9647				
10mm	721-9659				
12mm	721-9660				
16mm	721-9672				
20mm	721-9684				
25mm	721-9696				
30mm	721-9702				

Spherical Bearings

Spherical Plain Bearings



- Miniature, general-purpose, spherical bearing
- Sizes 2 –6 mm bore
- Zinc-plated, steel housing
- Hardened steel ball
- Phosphor bronze bearing
- Needs lubrication

Mounting

The constructional characteristics of spherical bearings are similar to those of (the head of) the rod ends.

Spherical bearings differ by being contained in a cylindrical housing enabling them to be mounted in the conventional manner for journal support as shown below. It is important to ensure that the bore into which a bearing is fitted is sized correctly. An undersized bore may considerably increase the rotational resistance of the ball within its housing, with obvious detrimental effects on the performance of the bearing. To ensure correct operation of the bearing, we recommend that bores provided be tolerated in accordance with the following:

Bearing Size Tolerance P7 (mm)

2.....-0.009 / -0.024

3-4-5-6....-0.011 / -0.029

Axial Loads:

Spherical bearing will only support axial loads if properly installed in a bore which provides adequate support for its housing. Radial and axial loads are given for spherical bearings. We do not advise simultaneous application of maximum possible radial and axial loads to spherical bearings.

B	D	H	O	W	∅ Ball E	Static Load Radial daN	Axial daN	Order Code
2	9	3,6	3,6	4,8	6,00	240	50	706-2187
3	12	4,5	5,18	6	7,93	420	100	706-2199
4	14	5,25	6,46	7	9,52	590	140	706-2205
5	16	6	7,71	8	11,11	780	190	706-2217
6	18	6,75	8,96	9	12,70	980	240	706-2229

bas98

Size mm	Order Code	1+	5+	10+	25+	50+	100+
2	706-2187						
3	706-2199						
4	706-2205						
5	706-2217						
6	706-2229						