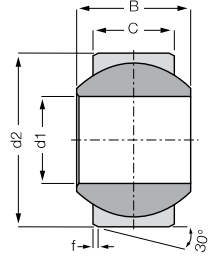


Pressfit spherical bearing: KGLM



Order key

Type Size

K GL M - 02

Dimensional series **K**
Pressfit spherical bearing
Metric
Inner-Ø [mm]



Material:

Housing: **igumid G** ▶ Page 1235

Spherical ball: **iglidur® W300** ▶ Page 121



Inch dimensions available

▶ From page 1183

- Compensation of misalignment and edge loads
- Corrosion-resistant
- High dampening qualities
- High vibration-dampening capacity
- Suitable for rotating, oscillating and linear movements

Technical data and dimensions [mm]

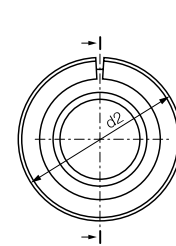
Part No.	Max. static compressive strength		Max. torque through ball [Nm]	d1 E10	d2	B	C	f	Max. pivot angle	Weight [g]
	radial	axial ²⁹⁾								
	[N]	[N]								
KGLM-02	300	60	1	2	8	4	3.0	0.8	32°	0.1
KGLM-03	550	200	2	3	10	6	4.5	0.8	32°	0.5
KGLM-05	1,300	500	5	5	13	8	6.0	0.8	30°	1.0
KGLM-06	1,800	650	10	6	16	9	6.5	0.8	29°	1.6
KGLM-08	2,700	1,200	12	8	19	12	9.0	0.8	25°	2.9
KGLM-10	4,000	1,400	20	10	22	14	10.5	0.8	25°	4.4
KGLM-12	5,400	1,500	30	12	26	16	12.0	0.8	25°	7.0
KGLM-14	6,000	2,500	35	14	28	19	13.5	0.8	23°	9.1
KGLM-16	8,000	3,000	40	16	32	21	15.0	0.8	23°	12.8
KGLM-18	9,000	4,000	45	18	35	23	16.5	0.8	23°	16.6
KGLM-20	10,000	5,000	55	20	40	25	18.0	0.8	23°	24.4
KGLM-22	11,700	6,500	60	22	42	28	20.0	0.8	22°	28.5
KGLM-25	13,600	7,500	65	25	47	31	22.0	0.8	22°	39.3
KGLM-30	20,000	9,000	70	30	55	37	25.0	1.0	22°	62.6

²⁹⁾ The maximum static axial load is determined in a remote location hole

Pressfit spherical bearing: KGLM Low Cost



- Variety of ball materials
- Easy to install
- Low-cost
- Split housing



Order key

Type Size Version

K GL M - 05 - LC

Dimensional series **K**
Pressfit spherical bearing
Metric
Inner-Ø [mm]
Low Cost



Material:

Housing: **igumid G** ▶ Page 1235

Spherical balls: **iglidur® W300** ▶ Page 121

Other spherical balls on request ▶ Page 693

Technical data

Part No.	Max. static compressive strength (short term)		Weight [g]
	radial [N]	axial ²⁹⁾ [N]	
KGLM-05 LC	1,300	500	1.0
KGLM-10 LC	4,000	1,400	4.3
KGLM-12 LC	5,400	1,500	6.9
KGLM-16 LC	8,000	3,000	12.7
KGLM-18 LC	9,000	4,000	16.6
KGLM-20 LC	10,000	5,000	23.6
KGLM-25 LC	13,600	7,500	38.9
KGLM-30 LC	20,000	9,000	61.0

²⁹⁾ The maximum static axial load is determined in a remote location hole

Dimensions [mm]

Part No.	d1 E10	d2 ³⁰⁾	B	C	f	Max. pivot angle
KGLM-05 LC	5	13.0	8	6.0	0.8	30°
KGLM-10 LC	10	22.0	14	10.5	0.8	25°
KGLM-12 LC	12	26.0	16	12	0.8	25°
KGLM-16 LC	16	32.0	21	15	0.8	23°
KGLM-18 LC	18	35.0	23	16.5	0.8	23°
KGLM-20 LC	20	40.0	25	18	0.8	23°
KGLM-25 LC	25	47.0	31	22	0.8	22°
KGLM-30 LC	30	55.0	37	25	1.0	22°

³⁰⁾ Pressfitted

Part Number	Max. static compressive strength		Max. torque through ball [Nm]	d1	d2	B	C	f	Max. pivoting angle	Weight	
	Radial	Axial									
📌 KGLM-05-LC	-1300	500	5	5	13	8	6	0.8	30°	0	Upon request 📄
📌 KGLM-08-LC	-2700	1200	12	8	19	12	9	0.8	25°	2.9	Upon request 📄
📌 KGLM-10-LC	-4000	1400	-	10	22	14	10.5	0.8	25°	4.3	Upon request 📄
📌 KGLM-12-LC	-5400	1500	-	12	26	16	12	0.8	25°	6.9	Upon request 📄
📌 KGLM-16-LC	-8000	3000	-	16	32	21	15	0.8	23°	12.7	Upon request 📄
📌 KGLM-18-LC	-9000	4000	-	18	35	23	16.5	0.8	23°	19	Upon request 📄
📌 KGLM-20-LC	-10000	5000	-	20	40	25	18	0.8	23°	23.6	Upon request 📄
📌 KGLM-25-LC	-13600	7500	-	25	47	31	22	0.8	22°	38.9	Upon request 📄
📌 KGLM-30-LC	-20000	9000	-	30	55	37	25	1	22°	61	Upon request 📄