

Pressfit spherical bearing: EGLM Low Cost



Order key

Type Size Version

E GL M - 15 - LC

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

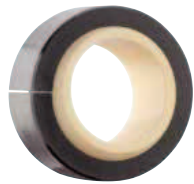


Material:

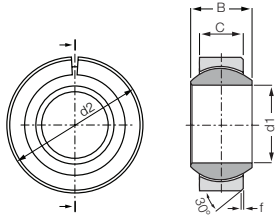
Housing: igumid G ▶ Page 1235

Spherical ball: iglidur® W300 ▶ Page 121

Other spherical balls on request ▶ Page 693



- Easy to install
- Low-cost
- Chemical- and corrosion-resistant
- Very tough
- Compensation of misalignment errors



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 [N]	axial ²⁹⁾ [N]								
	EGLM-15-LC	5,500								
EGLM-16-LC	6,000	1,150	32	16	28	13	9.5	0.5	21°	6
EGLM-20-LC	9,000	1,400	40	20	35	16	12	1.0	18°	11
EGLM-25-LC	14,000	2,900	55	25	42	20	16	1.0	16°	20
EGLM-30-LC	17,000	4,000	70	30	47	22	18	1.0	13°	26

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

Self-aligning clip bearing: ECLM



Order key

Type Size

E CL M - 05 - 02

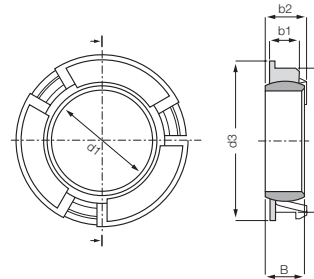
Dimensional series E	Self-aligning clip bearing	Metric	Inner-Ø [mm]	Sheet thickness
----------------------	----------------------------	--------	--------------	-----------------



Material:

Housing: igumid G ▶ Page 1235

Spherical ball: iglidur® J ▶ Page 99



- Very easy installation by simply snapping into sheet metal
- No additional axial fastening necessary
- Extremely small installation space: space-saving, thin-walled design

Technical data

Part No.	Max. static compressive strength (short term)		Max. static compressive strength (long term)		Weight [g]
	radial [N]	axial [N]	radial [N]	axial [N]	
	ECLM-05-02	700	25	350	
ECLM-06-02	700	25	350	12.5	0.5
ECLM-08-02	1,000	25	500	12.5	0.5
ECLM-10-03	1,400	30	700	15.0	0.8
ECLM-12-03	1,800	20	900	10.0	0.8
ECLM-16-03	2,800	40	1,400	20.0	1.1

Dimensions [mm]

Part No.	d1 E10	B	d2 ±0.2	d3	Sheet metal thickness y	b1 ±0.1	b2	Max. pivot angle
ECLM-05-02	5	6.0	12	13	2.0	3.9	6.0	25°
ECLM-06-02	6	6.0	12	13	2.0	3.9	6.0	18°
ECLM-08-02	8	6.0	14	15	2.0	3.9	6.0	16°
ECLM-10-03	10	6.0	16	17	3.0	4.5	6.7	12°
ECLM-12-03	12	6.0	18	19	3.0	4.5	6.7	12°
ECLM-16-03	16	6.0	22	24	3.0	4.5	6.7	12°