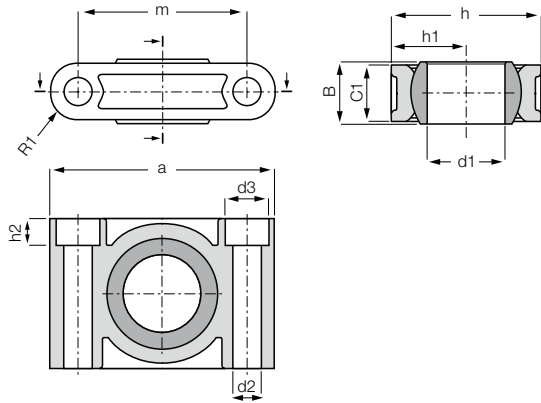


Pillow block bearing ESTM



- High radial loads
- Can be used in liquid media
- Space-saving design, easy to fit
- Predictable lifetime



Order key

Type Size

E STM - 08

Dimensional series E

Pillow block bearing

Metric

Inner-Ø [mm]



Material:

Housing: **igumid G** ▶ Page 1235

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

- Maintenance free, self-lubricating
- Dimensional series E acc. to standard DIN ISO 12240
- Adapter available ▶ Page 656

Technical data

Part No.	Max. stat. radial tensile strength		Max. stat. radial compressive strength		Max. axial strength		Max. torque fixing holes	Weight
	Short term [N]	Long term [N]	Short term [N]	Long term [N]	Short term [N]	Long term [N]	[Nm]	[g]
ESTM-08	2,500	1,250	4,300	2,150	600	300	1.3	5
ESTM-10	3,400	1,700	5,300	2,650	700	350	2.5	7.1
ESTM-12	4,500	2,250	6,500	3,250	750	375	2.5	9
ESTM-16	6,700	3,350	8,500	4,250	1,100	550	4.5	17.5
ESTM-20	8,500	4,250	11,000	5,750	1,400	700	4.5	27.4
ESTM-25	13,500	6,750	18,500	9,250	2,300	1,150	10.5	50.8
ESTM-30²⁵⁾	10,000	5,000	16,500	8,250	2,500	1,250	10.5	79.7

²⁵⁾ Lower values loads due to different manufacturing method

Dimensions [mm]

Part No.	d1, E10	d2	d3	h	h1	h2	a	m	C1	B	R1	Max. pivot angle
ESTM-08	8.0	4.5	–	19	9.5	–	31.0	22.0	9.0	8.0	4.5	22°
ESTM-10	10.0	5.5	–	22	11	–	36.0	26.0	10.0	9.0	5.0	22°
ESTM-12	12.0	5.5	–	26	13	–	38.0	28.0	10.0	10.0	5.0	22°
ESTM-16	16.0	6.6	10.6	34.0	17.0	6.4	50.0	37.0	13.0	13.0	6.5	22°
ESTM-20	20.0	9.0	14.0	40.0	20.0	8.6	62.0	46.0	16.0	16.0	8.0	22°
ESTM-25	25.0	9.0	14.0	48.0	24.0	8.6	72.0	54.0	18.0	20.0	9.0	20°
ESTM-30	30.0	11.0	17.0	56.0	28.0	10.6	86.0	64.0	22.0	22.0	11.0	20°

Spherical ball materials to choose ▶ Page 693



J4VEM:
clearance free,
preloaded



JEM: low
moisture
absorption



REM:
low-cost



J4EM: low-cost
and low moisture
absorption