igubal® ESTM | Pillow Block Bearing | mm



Dimension Metric Design

(Pillow Block) Dimensional series



03 - 96 49-334

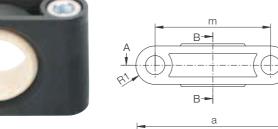
Pillow Block Bearings

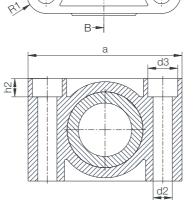
Phone +49 - 22 03 - 96 49-145

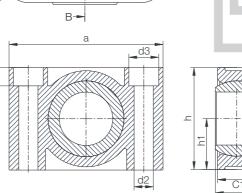












Data in mm

Structure - part no. **E ST M-16**

Material

Housing: igumid G

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Spherical Bearing:

iglidur® J

► Chapter 3

Special Properties

- High radial loads
- Can be used in liquid media
- Space-saving design
- Easy to install
- Predictable lifetime
- Maintenance-free, self-lubricating

Load Data

igubal® Pillow Block Bearing ESTM

Part Number	Max. radial tensile strength			radial ve strength	Maxii axial st		Max. Torque fixing holes	
	Short term [N]	Long term [N]	Short term [N]	Long term [N]	Short term [N]	Long term [N]	[Nm]	
ESTM-08	2500	1250	4300	2150	600	300	1,3	
ESTM-10	3400	1700	5300	2650	700	350	2,5	
ESTM-12	4500	2250	6500	3250	750	375	2,5	
ESTM-16	6700	3350	8500	4250	1100	550	4,5	
ESTM-20	8500	4250	11000	5750	1400	700	4,5	
ESTM-25	13500	6750	18500	9250	2300	1150	10,5	
ESTM-30*	10000	5000	16500	8250	2500	1250	10,5	

^{*} Due to the different manufacturing method, the load values of the ESTM-30 are lower than ESTM-25

Dimensions [mm]

igubal® Pillow Block Bearing ESTM

Part Number	erd1	d2	d3	h	h1	h2	a	m	C1	В	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°