

Thermoplastic Pillow Block Bearings igubal® KSTM, connection measures like DIN 12240-4 (DIN 648) series K

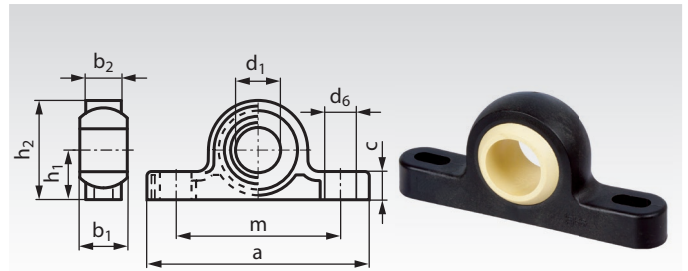
Material spherical ball: iglidur® W300, yellowish.

Material housing: igumid G, black.



- Maintenance-free, silent running and anti-vibrating.
- High strength at very low weight.
- Resistant against corrosion and many chemicals.
- Electrical and thermal isolating.
- The shaft must rotate inside the bore of the spherical ball. With a metal shaft, a sliding speed up to 30 m/min. may be possible. The spherical ball may only compensate shaft misalignment.

Temperature range: -30° to +80°C.



Ordering Details: e.g.: Product No. 620 550 05, Pillow Block igubal KSTM, 5mm

Product No. KSTM	d ₁ ^{E10} mm	h ₁ mm	h ₂ mm	b ₁ mm	b ₂ mm	a mm	m mm	c mm	d ₆ mm	Load Rating radial* static N	Load Rating axial static N	Tilting angle α °	Weight g
620 550 05	5	7	14	8	6	34	26,3	4,0	3,3 x 4,6	350	300	30	1,7
620 550 06	6	10	18	9	7	43	34,5	5,5	4,5 x 6,0	550	300	29	2,9
620 550 08	8	10	20	12	9	47	35,5	6,0	4,5 x 7,0	650	400	25	4,6
620 550 10	10	14	26	14	10,5	62	48,5	7,5	5,5 x 8,0	750	500	25	8,6
620 550 12	12	14	28	16	12	65	49,5	8,5	5,5 x 9,0	1100	600	25	11,8
620 550 16	16	18	36	21	15	86	65,4	10,5	6,6 x 12	1500	1000	23	23,7
620 550 20	20	22	44	25	18	98	73	13	9,0 x 14	2350	1300	23	40,0
620 550 25	25	27	54	31	22	124	94	16	9,0 x 17	3300	1600	22	75,3
620 550 30	30	32	64	37	25	139	105	17	11 x 20	4050	2100	22	116,8

* At short term, the radial load may be twice as high.

Other versions or sizes on request.

Thermoplastic Pillow Block Bearings igubal® ESTM, connection measures like DIN 12240-4 (DIN 648) series E

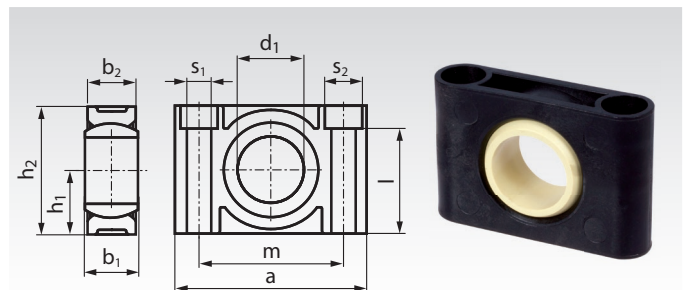
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- High strength at very low weight.
- Resistant against corrosion and many chemicals.
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Temperature range: -30° to +80°C.



Ordering Details: e.g.: Product No. 620 551 08, Pillow Block igubal ESTM, 8mm

Product No. ESTM	d ₁ ^{E10} mm	h ₁ mm	h ₂ mm	b ₁ mm	b ₂ mm	a mm	m mm	s ₁ mm	s ₂ mm	l mm	Load rating* radial push static N	Load rating* radial pull static N	Load rating* axial static N	Tilting angle α °	Weight g
620 551 08	8	9,5	19	8	9	31	22	4,5	-	-	2150	1250	300	22	5,0
620 551 10	10	11	22	9	10	36	26	5,5	-	-	2650	1700	350	22	7,1
620 551 12	12	13	26	10	10	38	28	5,5	-	-	3250	2250	375	22	9,0
620 551 16	16	17	34	13	13	50	37	6,6	10,6	27,6	4250	3350	550	22	17,5
620 551 20	20	20	40	16	16	62	46	9	14	31,4	5750	4250	700	22	27,4
620 551 25	25	24	48	20	18	72	54	9	14	39,4	9250	6750	1150	20	50,8
620 551 30	30	28	56	22	22	86	64	11	17	45,4	8250	5000	1250	20	79,7

* At short term, the load may be twice as high.

Other versions or sizes on request.