

Order key

Type	Size
R J U M-03-10	
Closed	
iglidur® J	
Liner	
Metric	
Self-aligning	
Inner Ø d1	

● With reduced outer diameter, spherical area on the outer diameter, O-rings for elastic seating and hard-anodised surface

⁷⁸⁾ According to igus® testing method ► Page 1146
⁸¹⁾ Ø < 10mm use press-fitted sleeve plain bearings
⁸²⁾ Design tips ► Page 1078
 Please note: Installation instructions ► Page 1079
 Floating bearing ► Page 1078
 Imperial dimensions ► Page 1615

Dimensions [mm]

d1	d2	B	B1	s	dn	ds	do	o	e	R	Part No.
	H7	h10	H10	H10	h10	h10		+0.1			
8	15.8	24.9	16.4	1.10	15.0	15.5	13.2	1.86	5.0	20.0	RJZM-03-08 ⁸¹⁾
10	18.8	28.9	21.8	1.30	17.5	18.5	15.4	1.86	5.0	13.0	RJUM-03-10
12	21.8	31.9	22.8	1.30	20.5	21.5	18.4	1.86	6.0	18.0	RJUM-03-12
16	25.8	35.9	24.9	1.30	24.2	25.5	20.4	2.86	8.0	32.0	RJUM-03-16
20	31.8	44.8	31.5	1.60	29.6	31.5	26.4	2.86	10.0	50.0	RJUM-03-20
25	39.8	57.8	44.1	1.85	36.5	39.0	34.4	2.86	12.5	39.0	RJUM-03-25
30	46.7	67.8	52.1	1.85	43.5	46.0	41.4	2.86	15.0	57.0	RJUM-03-30
40	61.7	79.8	60.9	2.15	57.8	61.0	56.4	2.86	20.0	100.0	RJUM-03-40
50	74.7	99.8	78.0	2.65	70.5	74.0	69.4	2.86	25.0	157.0	RJUM-03-50

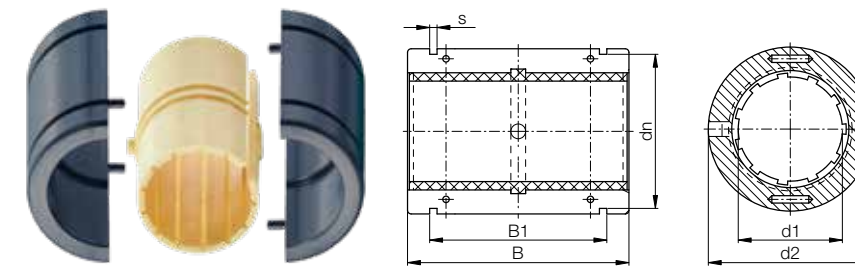
Technical data

Part No.	Housing hole Ø H7 [mm]	d1 tolerance ⁷⁸⁾ [mm]	F max. dynamic ⁸²⁾	F max. static ⁸²⁾	Weight [g]
			p = 5MPa [N]	p = 35MPa [N]	
RJZM-03-08 ⁸¹⁾	16	+0.032 +0.070	960	6,720	8
RJUM-03-10	19	+0.030 +0.088	725	5,075	11
RJUM-03-12	22	+0.030 +0.088	960	6,720	17
RJUM-03-16	26	+0.030 +0.088	1,440	10,080	23
RJUM-03-20	32	+0.030 +0.091	2,250	15,750	44
RJUM-03-25	40	+0.030 +0.091	3,625	25,375	92
RJUM-03-30	47	+0.040 +0.110	5,100	35,700	145
RJUM-03-40	62	+0.040 +0.115	8,000	56,000	311
RJUM-03-50	75	+0.050 +0.150	12,500	87,500	542

Can be combined with:



Available with drylin® liners (optional: J200/A180):



Order key

Type	Size
T J U M-01-10	
Open	
iglidur® J	
Liner	
Metric	
Standard	
Inner Ø d1	

● Quick replacement of the liner without removing the shaft

⁷⁸⁾ According to igus® testing method ► Page 1146
⁸²⁾ Design tips ► Page 1078
 Please note: Installation instructions ► Page 1079
 Imperial dimensions ► Page 1616

Dimensions [mm]

d1	d2	B	B1	s	dn	Part No.
	H7	h10	H10	H10	h10	
10	19 -0.020 -0.040	29	21.6	1.30	17.5	TJUM-01-10
12	22 -0.020 -0.040	32	22.6	1.30	20.5	TJUM-01-12
16	26 -0.020 -0.040	36	24.6	1.30	24.2	TJUM-01-16
20	32 -0.020 -0.045	45	31.2	1.60	29.6	TJUM-01-20
25	40 -0.030 -0.055	58	43.7	1.85	36.5	TJUM-01-25
30	47 -0.030 -0.055	68	51.7	1.85	43.5	TJUM-01-30
40	62 -0.030 -0.060	80	60.3	2.15	57.8	TJUM-01-40
50	75 -0.030 -0.060	100	77.3	2.65	70.5	TJUM-01-50

Technical data

Part No.	d1 tolerance ⁷⁸⁾ [mm]	F max. dynamic ⁸²⁾	F max. static ⁸²⁾	Weight [g]
		p = 5MPa [N]	p = 35MPa [N]	
TJUM-01-10	+0.030 +0.092	725	5,075	14
TJUM-01-12	+0.030 +0.097	960	6,720	19
TJUM-01-16	+0.030 +0.097	1,440	10,080	27
TJUM-01-20	+0.030 +0.103	2,250	15,750	49
TJUM-01-25	+0.030 +0.103	3,625	25,375	106
TJUM-01-30	+0.040 +0.124	5,100	35,700	166
TJUM-01-40	+0.040 +0.124	8,000	56,000	347
TJUM-01-50	+0.050 +0.196	12,500	87,500	577

Can be combined with:



Available with drylin® liners (optional: J200/A180):

