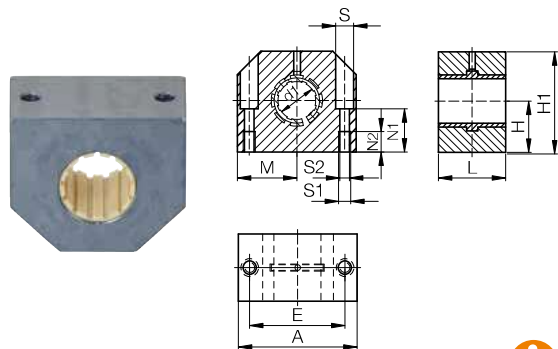


drylin® R pillow blocks | Product range

Closed, anodised aluminium housing, short design



Order key

Type Size

R J U M-05-10

Closed
igidur® J
Liner
Metric
Compact
Inner Ø d1

⁷⁸⁾ According to igus® testing method ► Page 260⁸¹⁾ Ø < 10mm use press-fitted sleeve bearings⁸²⁾ Design tips ► Page 186

Please note: Installation instructions ► Page 187

Dimensions [mm]

d1	H	H1	A	M	E	S	S1	S2	N1	N2	L	Part No.
+0.01 -0.014					±0.15							
8	14	27	32	16.0	23	6.0	M4	3.4	13	9	24	RJZM-05-08 ⁸¹⁾
10	16	33	40	20.0	29	8.0	M5	4.3	16	11	26	RJUM-05-10
12	17	33	40	20.0	29	8.0	M5	4.3	16	11	28	RJUM-05-12
16	19	38	45	22.5	34	8.0	M5	4.3	18	11	30	RJUM-05-16
20	23	45	53	26.5	40	9.5	M6	5.3	22	13	30	RJUM-05-20
25	27	54	62	31.0	48	11.0	M8	6.6	26	18	40	RJUM-05-25
30	30	60	67	33.5	53	11.0	M8	6.6	29	18	50	RJUM-05-30
40	39	76	87	43.5	69	15.0	M10	8.4	38	22	60	RJUM-05-40
50	47	92	103	51.5	82	18.0	M12	10.5	46	26	70	RJUM-05-50

Technical data

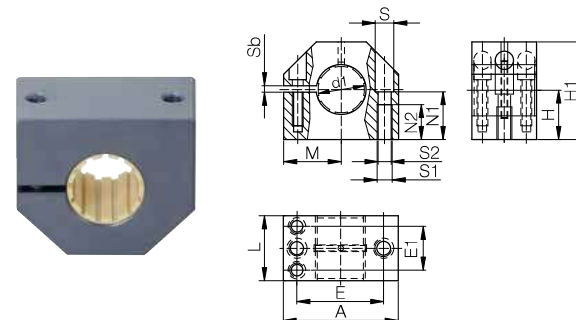
Part No.	d1 tolerance ⁷⁸⁾	Fmax. dynamic ⁸²⁾	Fmax. static ⁸²⁾	Weight
		p = 5MPa	p = 35MPa	
	[mm]	[N]	[N]	[g]
RJZM-05-08 ⁸¹⁾	+0.032 +0.070	960	6,720	46
RJUM-05-10	+0.030 +0.088	650	4,550	71
RJUM-05-12	+0.030 +0.088	840	5,880	78
RJUM-05-16	+0.030 +0.088	1,200	8,400	106
RJUM-05-20	+0.030 +0.091	1,500	10,500	132
RJUM-05-25	+0.030 +0.091	2,500	17,500	253
RJUM-05-30	+0.040 +0.110	3,750	26,250	374
RJUM-05-40	+0.040 +0.115	6,000	42,000	713
RJUM-05-50	+0.050 +0.150	8,750	61,250	1,168

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



drylin® R pillow blocks | Product range

Adjustable anodised aluminium housing, short design



Order key

Type Size

R J U M E-05-12

Closed
igidur® J
Liner
Metric
Adjustable
Compact
Inner Ø d1

● With adjustable clearance

⁷⁸⁾ According to igus® testing method ► Page 260⁸²⁾ Design tips ► Page 186

Please note: Installation instructions ► Page 187

Dimensions [mm]

d1	H	H1	A	M	E	E1	S	S1	S2	Sb	N1	N2	L	Part No.
+0.01					±0.15	±0.15								
-0.014														
12	17	33	40	20.0	29	18.0	8.0	4.3	M5	2	16	11	28	RJUME-05-12
16	19	38	45	22.5	34	19.0	8.0	4.3	M5	2	18	11	30	RJUME-05-16
20	23	45	53	26.5	40	20.0	9.5	5.3	M6	2	22	13	30	RJUME-05-20
25	27	54	62	31.0	48	25.5	11.0	6.6	M8	2	26	18	40	RJUME-05-25
30	30	60	67	33.5	53	30.5	11.0	6.6	M8	2	29	18	50	RJUME-05-30
40	39	76	87	43.5	69	36.0	15.0	8.4	M10	2	38	22	60	RJUME-05-40
50	47	92	103	51.5	82	44.0	18.0	10.5	M12	2	46	26	70	RJUME-05-50

Technical data

Part No.	d1 tolerance ⁷⁸⁾	Fmax. dynamic ⁸²⁾	Fmax. static ⁸²⁾	Weight
		p = 5MPa	p = 35MPa	
	[mm]	[N]	[N]	[g]
RJUME-05-12	adjustable	840	5,880	78
RJUME-05-16	adjustable	1,200	8,400	106
RJUME-05-20	adjustable	1,500	10,500	132
RJUME-05-25	adjustable	2,500	17,500	253
RJUME-05-30	adjustable	3,750	26,250	374
RJUME-05-40	adjustable	6,000	42,000	713
RJUME-05-50	adjustable	8,750	61,250	1,168

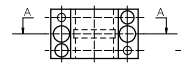
Available with drylin® liners (optional: J200/A180):



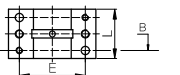
drylin® R pillow blocks | Product range

Split anodised aluminium housing, screwed, short design

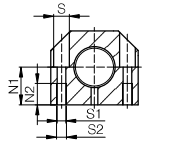


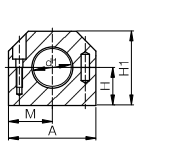


Sectional view A



Sectional view B





Order key

Type Size

T J U M-05-16

Splittable

iglidur® J

Liner

Metric

Compact

Inner Ø d1

● Replacement of the liner without removing the shaft

i ⁷⁸⁾ According to igus® testing method ► Page 260
⁸²⁾ Design tips ► Page 186
Please note: Installation instructions ► Page 187

Dimensions [mm]

d1	H	H1	A	M	E	S	S1	S2	N1	N2	L	Part No.
	±0.02				±0.15							
16	19	38	45	22.5	34	8.0	M5	4.3	18	11	30	TJUM-05-16
20	23	45	53	26.5	40	9.5	M6	5.3	22	13	30	TJUM-05-20
25	27	54	62	31.0	48	11.0	M8	6.6	26	18	40	TJUM-05-25
30	30	60	67	33.5	53	11.0	M8	6.6	29	18	50	TJUM-05-30
40	39	76	87	43.5	69	15.0	M10	8.4	38	22	60	TJUM-05-40

Technical data

Part No.	d1 tolerance ⁷⁸⁾	Fmax. dynamic ⁸²⁾	Fmax. static ⁸²⁾	Weight
		p = 5MPa	p = 35MPa	
	[mm]	[N]	[N]	[g]
TJUM-05-16	+0.030 +0.120	1,200	8,400	105
TJUM-05-20	+0.030 +0.120	1,500	10,500	137
TJUM-05-25	+0.030 +0.120	2,500	17,500	253
TJUM-05-30	+0.040 +0.135	3,750	26,250	377
TJUM-05-40	+0.040 +0.135	6,000	42,000	720

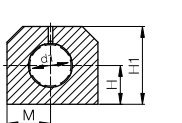
Available with drylin® liners (optional: J200/A180):

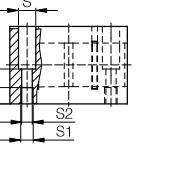


drylin® R pillow blocks | Product range

Closed, anodised aluminium housing, tandem design







Order key

Type Size

R J U M T-05-12

Closed

iglidur® J

Liner

Metric

Tandem

Compact

Inner Ø d1

● Tandem design
● Equipped with two liners to increase the guide length

i ⁷⁸⁾ According to igus® testing method ► Page 260
⁸²⁾ Design tips ► Page 186
Please note: Installation instructions ► Page 187

Dimensions [mm]

d1	H	H1	A	M	E1	E2	S	S1	S2	N1	N2	L	Part No.
	+0.01				±0.15	±0.15							
	-0.014												
12	17	33	40	20	29	35	8.0	M5	4.3	16.0	11	60	RJUMT-05-12
16	19	38	45	22.5	34	40	8.0	M5	4.3	18.0	11	65	RJUMT-05-16
20	23	45	53	26.5	40	45	9.5	M6	5.3	22.0	13	65	RJUMT-05-20
25	27	54	62	31	48	55	11.0	M8	6.6	26.0	18	85	RJUMT-05-25
30	30	60	67	33.5	53	70	11.0	M8	6.6	29.0	18	105	RJUMT-05-30
40	39	76	87	43.5	69	85	15.0	M10	8.4	38.0	22	125	RJUMT-05-40
50	47	92	103	51.5	82	100	18.0	M12	10.5	46.0	26	145	RJUMT-05-50

Technical data

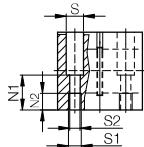
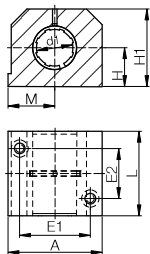
Part No.	d1 tolerance ⁷⁸⁾	Fmax. dynamic ⁸²⁾	Fmax. static ⁸²⁾	Weight
		p = 5MPa	p = 35MPa	
	[mm]	[N]	[N]	[g]
RJUMT-05-12	+0.030 +0.088	840	5,880	170
RJUMT-05-16	+0.030 +0.088	1,200	8,400	250
RJUMT-05-20	+0.030 +0.091	1,500	10,500	300
RJUMT-05-25	+0.030 +0.091	2,500	17,500	550
RJUMT-05-30	+0.040 +0.110	3,750	26,250	750
RJUMT-05-40	+0.040 +0.115	6,000	42,000	1,500
RJUMT-05-50	+0.050 +0.150	8,750	61,250	2,400

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



drylin® R pillow blocks | Product range

Closed, anodised aluminium housing, long design

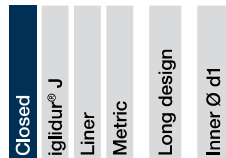


Order key

Type

Size

R J U M-06-12

⁷⁸⁾ According to igus® testing method ► Page 260⁸²⁾ Design tips ► Page 186

Please note: Installation instructions ► Page 187

Dimensions [mm]

d1	H	H1	A	M	E1	E2	S	S1	S2	N1	N2	L	Part No.
+0.01 -0.014				±0.02	±0.15	±0.15							
12	18	35	43	21.5	32	23	8.0	M5	4.3	16.5	11	39	RJUM-06-12
16	22	42	53	26.5	40	26	10.0	M6	5.3	21.0	13	43	RJUM-06-16
20	25	50	60	30.0	45	32	11.0	M8	6.6	24.0	18	54	RJUM-06-20
25	30	60	78	39.0	60	40	15.0	M10	8.4	29.0	22	67	RJUM-06-25
30	35	70	87	43.5	68	45	15.0	M10	8.4	34.0	22	79	RJUM-06-30
40	45	90	108	54.0	86	58	18.0	M12	10.5	44.0	26	91	RJUM-06-40
50	50	105	132	66.0	108	50	20.0	M16	13.5	49.0	34	113	RJUM-06-50

Technical data

Part No.	d1 tolerance ⁷⁸⁾	Fmax. dynamic ⁸²⁾	Fmax. static ⁸²⁾	Weight
	[mm]	p = 5MPa [N]	p = 35MPa [N]	[g]
RJUM-06-12	+0.030 +0.088	960	6,720	121
RJUM-06-16	+0.030 +0.088	1,440	10,080	211
RJUM-06-20	+0.030 +0.091	2,250	15,750	323
RJUM-06-25	+0.030 +0.091	3,625	25,375	651
RJUM-06-30	+0.040 +0.110	5,100	35,700	1,050
RJUM-06-40	+0.040 +0.115	8,000	56,000	1,820
RJUM-06-50	+0.050 +0.150	12,500	87,500	3,250

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



J

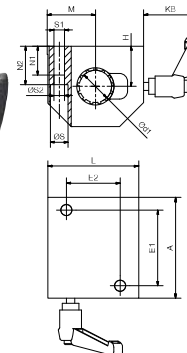


E7



X

drylin® R pillow blocks | Product range

Closed, anodised aluminium housing, long design
with manual clamp

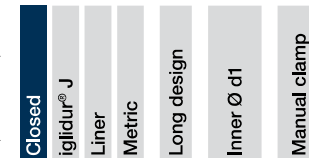
Order key

Type

Size

Version

R J U M-06- 12 -HK

⁷⁸⁾ According to igus® testing method ► Page 260⁸²⁾ Design tips ► Page 186

Please note: Installation instructions ► Page 187

Dimensions [mm]

d1	H	H1	A	M	E1	E2	S	S1	S2	N1	N2	W	L	KL	KB	Part No.
+0.01; -0.014				±0.02	±0.15	±0.15							-1			
12	18	35	43	21.5	32	23	8	M5	4.3	16.5	11	10.2	39	40	33	RJUM-06-12-HK
16	22	42	53	26.5	40	26	10	M6	5.3	21	13	11.6	43	40	33	RJUM-06-16-HK
20	25	50	60	30	45	32	11	M8	6.6	24	18	12	54	40	33	RJUM-06-20-HK
25	30	60	78	39	60	40	15	M10	8.4	29	22	14.5	67	65	46	RJUM-06-25-HK
30	35	70	87	43.5	68	45	15	M10	8.4	34	22	16.6	79	65	46	RJUM-06-30-HK
40	45	90	108	54	86	58	18	M12	10.5	44	26	21	91	65	46	RJUM-06-40-HK
50	50	105	132	66	108	50	20	M16	13.5	49	34	25.5	113	65	46	RJUM-06-50-HK

Technical data

Part No.	d1 tolerance ⁷⁸⁾	Fmax. dynamic ⁸²⁾	Fmax. static ⁸²⁾	Clamp force	Weight
		p = 5MPa 0° [N]	p = 35MPa 0° [N]	axial [N]	[g]
RJUM-06-12-HK	+0.030 +0.088	960	6720	400	0.098
RJUM-06-16-HK	+0.030 +0.088	1440	10080	400	0.164
RJUM-06-20-HK	+0.030 +0.091	2250	15750	400	0.275
RJUM-06-25-HK	+0.030 +0.091	3625	25375	1,000	0.544
RJUM-06-30-HK	+0.040 +0.110	5100	35700	1,000	0.832
RJUM-06-40-HK	+0.040 +0.115	8000	56000	1,000	1.513
RJUM-06-50-HK	+0.050 +0.150	12500	87500	1,000	2.568

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



J



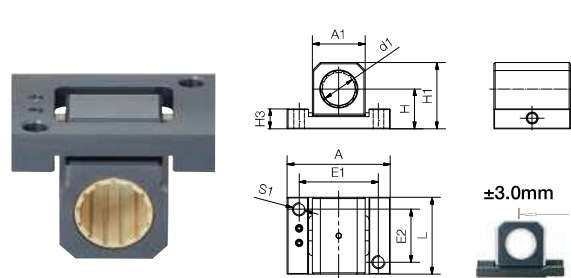
E7



X

drylin® R pillow blocks | Product range

Closed, anodised aluminium, floating pillow blocks



Order key

Type	Size	Version
R J U M-06-12-LL		
Closed	igidur® J	Liner
Metric	Long design	Inner Ø d1
Floating bearing		

- Compensation of parallelism errors up to 6mm
- Quick assembly even on raw profiles

⁷⁸⁾ According to igus® testing method ► Page 260⁸²⁾ Design tips ► Page 186

Please note: Installation instructions ► Page 187

Floating bearing ► Page 186

Dimensions [mm]

d1	H	H1	A	E1	E2	S1	L	A1	H3	Part No.
±0.01				±0.15	±0.15					
12	18	28	43	32	23	M5	32	20	11	RJUM-06-12-LL
16	22	35	53	40	26	M6	36	26	11	RJUM-06-16-LL
20	25	41	60	45	32	M8	45	32	12.5	RJUM-06-20-LL
25	30	50	78	60	40	M10	58	40	15	RJUM-06-25-LL
30	35	59	87	68	45	M10	68	48	15	RJUM-06-30-LL
40	45	76	108	86	58	M12	80	62	20	RJUM-06-40-LL
50	50	89	132	108	50	M16	100	78	24	RJUM-06-50-LL

Technical data

Part No.	d1 tolerance ⁷⁸⁾	Fmax. static or dynamic ⁸²⁾	Weight
	[mm]	[N]	[g]
RJUM-06-12-LL	+0.030 +0.088	560	50
RJUM-06-16-LL	+0.030 +0.088	920	80
RJUM-06-20-LL	+0.030 +0.091	2,100	130
RJUM-06-25-LL	+0.030 +0.091	3,550	280
RJUM-06-30-LL	+0.040 +0.110	5,300	430
RJUM-06-40-LL	+0.040 +0.115	8,000	850
RJUM-06-50-LL	+0.050 +0.150	12,500	1,550

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



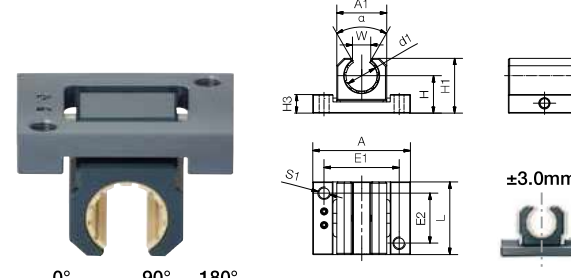
J

E7

X

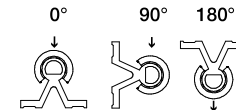
drylin® R pillow blocks | Product range

Open, anodised aluminium, floating pillow blocks



Order key

Type	Size	Version
O J U M-06-12-LL		
Open	igidur® J	Liner
Metric	Long design	Inner Ø d1
Floating bearing		



- Compensation of parallelism errors up to 6mm

⁷⁸⁾ According to igus® testing method ► Page 260⁸²⁾ Design tips ► Page 186

Please note: Installation instructions ► Page 187

Floating bearing ► Page 186

Dimensions [mm]

d1	H	H1	A	E1	E2	S1	L	A1	H3	W	α	Part No.
±0.01				±0.15	±0.15					-1	[°]	
12	18	24.5	43	32	23	M5	32	20	11	10.2	90	OJUM-06-12-LL
16	22	30.5	53	40	26	M6	36	26	11	11.6	90	OJUM-06-16-LL
20	25	37.0	60	45	32	M8	45	32	12.5	12.0	60	OJUM-06-20-LL
25	30	44.0	78	60	40	M10	58	40	15	14.5	60	OJUM-06-25-LL
30	35	52.5	87	68	45	M10	68	48	15	16.8	60	OJUM-06-30-LL
40	45	69.0	108	86	58	M12	80	62	20	21.0	60	OJUM-06-40-LL
50	50	80.0	132	108	50	M16	100	78	24	25.5	60	OJUM-06-50-LL

Technical data

Part No.	d1 tolerance ⁷⁸⁾	Fmax. static or dynamic ⁸²⁾	Fmax. static ⁸²⁾ with load at 180°	Weight
	[mm]	[N]	[N]	[g]
OJUM-06-12-LL	+0.030 +0.088	560	240	40
OJUM-06-16-LL	+0.030 +0.088	920	400	70
OJUM-06-20-LL	+0.030 +0.091	2,100	900	115
OJUM-06-25-LL	+0.030 +0.091	3,550	1,520	240
OJUM-06-30-LL	+0.040 +0.110	5,100	2,280	370
OJUM-06-40-LL	+0.040 +0.115	8,000	3,800	750
OJUM-06-50-LL	+0.050 +0.150	12,500	6,100	1,400

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



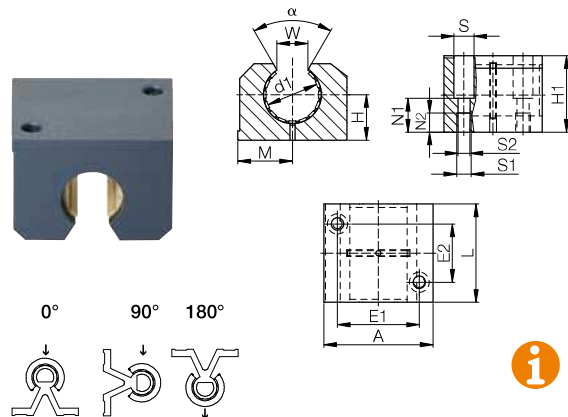
J

E7

X

drylin® R pillow blocks | Product range

Open, anodised aluminium housing, long design



Order key

Type Size

O J U M-06-12

Open
iglidur® J
Liner
Metric
Long design
Inner Ø d1

⁷⁸⁾ According to igus® testing method ► Page 260⁸²⁾ Design tips ► Page 186

Please note: Installation instructions ► Page 187

Dimensions [mm]

d1	H	H1	A	M	E1	E2	S	S1	S2	N1	N2	W	α	L	Part No.
	+0.01; -0.014			±0.02	±0.15	±0.15						-1	[°]		
12	18	28	43	21.5	32	23	8.0	M5	4.3	16.5	11	10.2	78	39	OJUM-06-12
16	22	35	53	26.5	40	26	10.0	M6	5.3	21.0	13	11.6	78	43	OJUM-06-16
20	25	42	60	30.0	45	32	11.0	M8	6.6	24.0	18	12.0	60	54	OJUM-06-20
25	30	51	78	39.0	60	40	15.0	M10	8.4	29.0	22	14.5	60	67	OJUM-06-25
30	35	60	87	43.5	68	45	15.0	M10	8.4	34.0	22	16.6	57	79	OJUM-06-30
40	45	77	108	54.0	86	58	18.0	M12	10.5	44.0	26	21.0	56	91	OJUM-06-40
50	50	88	132	66.0	108	50	20.0	M16	13.5	49.0	34	25.5	54	113	OJUM-06-50

Technical data

Part No.	d1 tolerance ⁷⁸⁾	Fmax. dynamic ⁸²⁾			Fmax. static ⁸²⁾			Weight
		p = 5MPa			p = 35MPa			
		0°	90°	180°	0°	90°	180°	
OJUM-06-12	+0.030 +0.088	960	635	240	6,720	4,445	1,680	95
OJUM-06-16	+0.030 +0.088	1440	990	396	10,080	6,943	2,772	158
OJUM-06-20	+0.030 +0.091	2250	1,800	900	15,750	12,600	6,300	266
OJUM-06-25	+0.030 +0.091	3625	2.953	1,523	25,375	20,670	10,658	530
OJUM-06-30	+0.040 +0.110	5100	4,250	2,278	35,700	29,735	15,946	818
OJUM-06-40	+0.040 +0.115	8000	6,810	3,800	56,000	47,660	26,600	1,485
OJUM-06-50	+0.050 +0.150	12.500	10.750	6.125	87.500	75.265	42.875	2.750

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

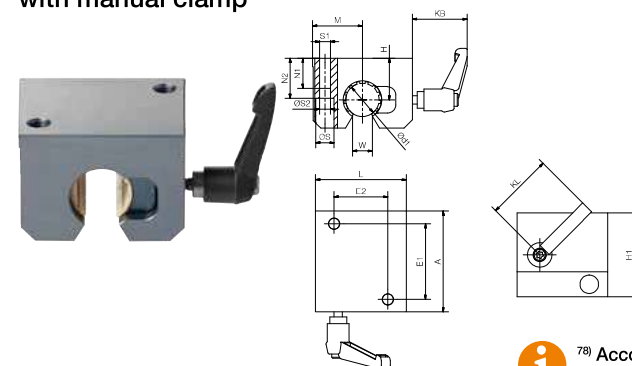


J

E7

X

drylin® R pillow blocks | Product range

Open, anodised aluminium housing, long design
with manual clamp

Order key

Type Size Version

O J U M-06-12-HK

Open
iglidur® J
Liner
Metric
Long design
Inner Ø d1
Manual clamp

⁷⁸⁾ According to igus® testing method ► Page 260⁸²⁾ Design tips ► Page 186

Please note: Installation instructions ► Page 187

Dimensions [mm]

d1	H	H1	A	M	E1	E2	S	S1	S2	N1	N2	W	L	KL	KB	Part No.
	+0.01; -0.014			±0.02	±0.15	±0.15						-1				
12	18	28	43	21.5	32	23	8	M5	4.3	16.5	11	10.2	39	40	33	OJUM-06-12-HK
16	22	35	53	26.5	40	26	10	M6	5.3	21	13	11.6	43	40	33	OJUM-06-16-HK
20	25	42	60	30.0	45	32	11	M8	6.6	24	18	12.0	54	40	33	OJUM-06-20-HK
25	30	51	78	39.0	60	40	15	M10	8.4	29	22	14.5	67	65	46	OJUM-06-25-HK
30	35	60	87	43.5	68	45	15	M10	8.4	34	22	16.6	79	65	46	OJUM-06-30-HK
40	45	77	108	54.0	86	58	18	M12	10.5	44	26	21.0	91	65	46	OJUM-06-40-HK
50	50	88	132	66.0	108	50	20	M16	13.5	49	34	25.5	113	65	46	OJUM-06-50-HK

Technical data

Part No.	d1 tolerance ⁷⁸⁾	Fmax. dynamic ⁸²⁾			Fmax. static ⁸²⁾			Clamp force axial	Weight
		p = 5MPa			p = 35MPa				
		0°	90°	180°	0°	90°	180°		
								[N]	[g]
OJUM-06-12-HK	+0.030 +0.088	960	635	240	6720	4445	1680	400	0.098
OJUM-06-16-HK	+0.030 +0.088	1440	990	396	10080	6943	2772	400	0.164
OJUM-06-20-HK	+0.030 +0.091	2250	1800	900	15750	12600	6300	400	0.275
OJUM-06-25-HK	+0.030 +0.091	3625	2953	1523	25375	20670	10658	1,000	0.544
OJUM-06-30-HK	+0.040 +0.110	5100	4250	2278	35700	29735	15946	1,000	0.832
OJUM-06-40-HK	+0.040 +0.115	8000	6810	3800	56000	47660	26600	1,000	1.513
OJUM-06-50-HK	+0.050 +0.150	12500	10750	6125	87500	75265	42875	1,000	2.568

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



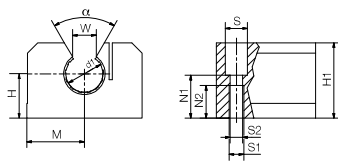
J

E7

X

drylin® R pillow blocks | Product range

Open, anodised aluminium housing, long design, adjustable

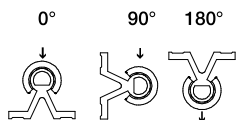


Order key

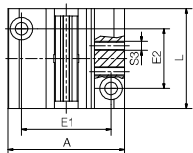
Type Size

O J U M E -06-12

Open	igidur® J	Liner	Metric	Adjustable	Long design	Inner Ø d1
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- With two set screws (DIN 913), clearance adjustment possible

⁷⁸⁾ According to igus® testing method ► Page 260⁸²⁾ Design tips ► Page 186

Please note: Installation instructions ► Page 187

Dimensions [mm]

d1	H	H1	A	M	E1	E2	S	S1	S2	S3	N1	N2	W	α	L	Part No.
+0.01; -0.014				±0.02	±0.15	±0.15							-1	[°]		
12	18	28	43	21.5	32	23	8.0	M5	4.3	M4	16.5	11	10.2	78	39	OJUME-06-12
16	22	35	53	26.5	40	26	10.0	M6	5.3	M4	21.0	13	11.6	78	43	OJUME-06-16
20	25	42	60	30.0	45	32	11.0	M8	6.6	M5	24.0	18	12.0	60	54	OJUME-06-20
25	30	51	78	39.0	60	40	15.0	M10	8.4	M6	29.0	22	14.5	60	67	OJUME-06-25
30	35	60	87	43.5	68	45	15.0	M10	8.4	M6	34.0	22	16.6	57	79	OJUME-06-30
40	45	77	108	54.0	86	58	18.0	M12	10.5	M8	44.0	26	21.0	56	91	OJUME-06-40
50	50	88	132	66.0	108	50	20.0	M16	13.5	M8	49.0	34	25.5	54	113	OJUME-06-50

Technical data

Part No.	d1 tolerance ⁷⁸⁾	Fmax. dynamic ⁸²⁾ p = 5MPa			Fmax. static ⁸²⁾ p = 35MPa			Weight
		0°	90°	180°	0°	90°	180°	[g]
OJUME-06-12	adjustable	960	635	240	6,720	4,445	1,680	100
OJUME-06-16	adjustable	1,440	990	396	10,080	6,943	2,772	160
OJUME-06-20	adjustable	2,250	1,800	900	15,750	12,600	6,300	270
OJUME-06-25	adjustable	3,625	2,953	1,523	25,375	20,670	10,658	530
OJUME-06-30	adjustable	5,100	4,250	2,278	35,700	29,735	15,946	820
OJUME-06-40	adjustable	8,000	6,810	3,800	56,000	47,660	26,600	1,490
OJUME-06-50	adjustable	12,500	10,750	6,125	87,500	75,265	42,875	2,750

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



J



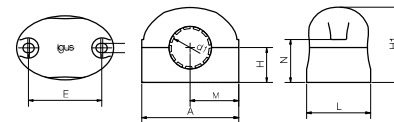
E7



X

drylin® R pillow blocks | Product range **New**

Split linear housings made of solid plastic, econ

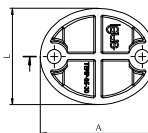
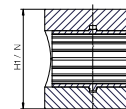
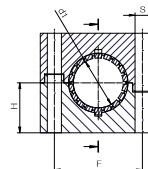


Order key

Type Size

R J U M P -05-12

Closed	igidur® J	Liner	Metric	Polymer	Compact	Inner Ø d1
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Installation size
12-20Installation size
25/30⁷⁸⁾ According to igus® testing method ► Page 260⁸²⁾ Design tips ► Page 186

Please note: Installation instructions ► Page 187

- Linear housings made of robust lightweight igus® polymers
- Suitable for all type O2 liners (compact bearing)

Dimensions [mm]

d1	H	H1	A	M	E	S	N	L	Screws	Part No.
			min.	max.	min.	max.				
12	15	33	40	20.0	29	4.2	18.5	32	M4	RJUMP-05-12 New
16	17	36	45	22.5	34	4.2	20.5	35	M4	RJUMP-05-16 New
20	19	41	53	26.5	40	5.2	23.5	35	M5	RJUMP-05-20 New
25	27	54	65	—	48	8.5-0.1	54.0	45	M8	RJUMP-05-25 New
30	30	60	70	—	53	8.5-0.1	60.0	58	M8	RJUMP-05-30 New

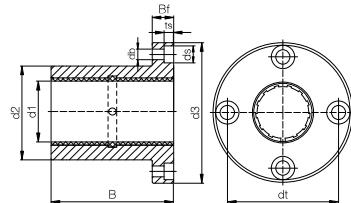
Technical data

Part No.	d1 tolerance ⁷⁸⁾	Permissible loads	Max. T. ¹⁷⁹⁾	Weight
	[mm]	[N]	[Nm]	[g]
RJUMP-05-12 New	+0.0 / +0.1	160	0.5	78
RJUMP-05-16 New	+0.0 / +0.1	240	1.0	106
RJUMP-05-20 New	+0.1 / +0.2	300	2.0	132
RJUMP-05-25 New	+0.1 / +0.2	400	10.0	90
RJUMP-05-30 New	+0.1 / +0.2	500	10.0	121

¹⁷⁹⁾ Recommended fastening screw tightening torque; screw lock recommended

drylin® R flanged linear plain bearings | Product range

Closed, anodised aluminium adapters, round flange



i ⁷⁸⁾ According to igus® testing method ► Page 260
⁸²⁾ Design tips ► Page 186
Please note: Installation instructions ► Page 187

Dimensions [mm]

d1	d2 h7	d3	dt	B	Bf	ts	db	ds
8.0	16	32	24	25	8	3.1	3.5	6.0
10.0	19	39	29	29	9	4.1	4.5	7.5
10.4	19	39	29	29	9	4.1	4.5	7.5
12.0	22	42	32	32	9	4.1	4.5	7.5
12.4	22	42	32	32	9	4.1	4.5	7.5
16.0	26	46	36	36	9	4.1	4.5	7.5
16.4	26	46	36	36	9	4.1	4.5	7.5
20.0	32	54	43	45	11	5.1	5.5	9.0
20.5	32	54	43	45	11	5.1	5.5	9.0
25.0	40	62	51	58	11	5.1	5.5	9.0
25.5	40	62	51	58	11	5.1	5.5	9.0
30.0	47	76	62	68	14	6.1	6.6	11.0
30.6	47	76	62	68	14	6.1	6.6	11.0
40.0	62	98	80	80	18	8.1	9.0	14.0
50.0	75	112	94	100	18	8.1	9.0	14.0

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



drylin® R flanged linear plain bearings | Product range



Order key

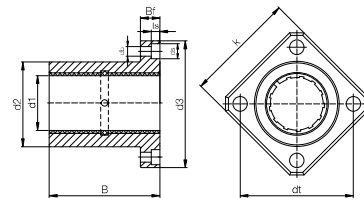
Type **F J U M-01-10-LL** Size

With flange
iglidur® J
Liner
Metric
Round design
Inner Ø d1

Option:
LL: Floating bearing

Technical data

d1 tolerance ⁷⁸⁾	Fmax. dynamic ⁸²⁾ p = 5MPa	Fmax. static ⁸²⁾ p = 35MPa	Weight	Part No.
[mm]	[N]	[N]	[g]	
+0.032 +0.070	960	6,720	20	FJZM-01-08
+0.030 +0.088	725	5,075	32	FJUM-01-10
+0.030 +0.088	725	5,075	32	FJUM-01-10-LL
+0.030 +0.088	960	6,720	42	FJUM-01-12
+0.030 +0.088	960	6,720	42	FJUM-01-12-LL
+0.030 +0.088	1,440	10,080	51	FJUM-01-16
+0.030 +0.088	1,440	10,080	51	FJUM-01-16-LL
+0.030 +0.091	2,250	15,750	88	FJUM-01-20
+0.030 +0.091	2,250	15,750	88	FJUM-01-20-LL
+0.030 +0.091	3,625	25,375	152	FJUM-01-25
+0.030 +0.091	3,625	25,375	152	FJUM-01-25-LL
+0.040 +0.110	5,100	35,700	266	FJUM-01-30
+0.040 +0.110	5,100	35,700	266	FJUM-01-30-LL
+0.040 +0.115	8,000	56,000	552	FJUM-01-40
+0.050 +0.150	12,500	87,500	853	FJUM-01-50



i ⁷⁸⁾ According to igus® testing method ► Page 260
⁸²⁾ Design tips ► Page 186
Please note: Installation instructions ► Page 187

Dimensions [mm]

d1	d2 h7	d3	dt ±0.15	k ±0.15	B	Bf	ts	db	ds
8.0	16	32	24	25	25	8	3.1	3.5	6.0
10.0	19	39	29	30	29	9	4.1	4.5	7.5
10.4	19	39	29	30	29	9	4.1	4.5	7.5
12.0	22	42	32	32	32	9	4.1	4.5	7.5
12.4	22	42	32	32	32	9	4.1	4.5	7.5
16.0	26	46	36	35	36	9	4.1	4.5	7.5
16.4	26	46	36	35	36	9	4.1	4.5	7.5
20.0	32	54	43	42	45	11	5.1	5.5	9.0
20.5	32	54	43	42	45	11	5.1	5.5	9.0
25.0	40	62	51	50	58	11	5.1	5.5	9.0
25.5	40	62	51	50	58	11	5.1	5.5	9.0
30.0	47	76	62	60	68	14	6.1	6.6	11.0
30.6	47	76	62	60	68	14	6.1	6.6	11.0
40.0	62	98	80	75	80	18	8.1	9.0	14.0
50.0	75	112	94	88	100	18	8.1	9.0	14.0

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



Order key

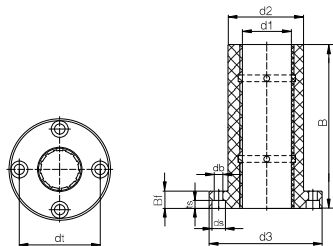
Type **F J U M-02-10-LL** Size

With flange
iglidur® J
Liner
Metric
Square design
Inner Ø d1

Option:
LL: Floating bearing

Technical data

d1 tolerance ⁷⁸⁾	Fmax. static or dynamic ⁸²⁾	Fmax. static ⁸²⁾ with load at 180°	Weight	Part No.
[mm]	[N]	[N]	[g]	
+0.032 +0.070	960	6,720	17	FJZM-02-08 ⁸²⁾
+0.030 +0.088	725	5,075	25	FJUM-02-10
+0.030 +0.088	725	5,075	25	FJUM-02-10-LL
+0.030 +0.088	960	6,720	32	FJUM-02-12
+0.030 +0.088	960	6,720	32	FJUM-02-12-LL
+0.030 +0.088	1,440	10,080	41	FJUM-02-16
+0.030 +0.088	1,440	10,080	41	FJUM-02-16-LL
+0.030 +0.091	2,250	15,750	73	FJUM-02-20
+0.030 +0.091	2,250	15,750	73	FJUM-02-20-LL
+0.030 +0.091	3,625	25,375	135	FJUM-02-25
+0.030 +0.091	3,625	25,375	135	FJUM-02-25-LL
+0.040 +0.110	5,100	35,700	228	FJUM-02-30
+0.040 +0.110	5,100	35,700	228	FJUM-02-30-LL
+0.040 +0.115	8,000	56,000	454	FJUM-02-40
+0.050 +0.150	12,500	87,500	735	FJUM-02-50



● Equipped with two liners to increase the guide length

i ⁷⁸⁾ According to igus® testing method ► Page 260
⁸⁵⁾ Fitted with two pieces of JSM-0810-16
Please note: Installation instructions ► Page 187

Dimensions [mm]

d1	d2 h7	d3	dt	B	Bf	ts	db	ds
8.0	16	32	24	45	8	3.1	3.5	6.0
10.0	19	39	29	52	9	4.1	4.5	7.5
10.4	19	39	29	52	9	4.1	4.5	7.5
12.0	22	42	32	57	9	4.1	4.5	7.5
12.4	22	42	32	57	9	4.1	4.5	7.5
16.0	26	46	36	70	9	4.1	4.5	7.5
16.4	26	46	36	70	9	4.1	4.5	7.5
20.0	32	54	43	80	11	5.1	5.5	9.0
20.5	32	54	43	80	11	5.1	5.5	9.0
25.0	40	62	51	112	11	5.1	5.5	9.0
25.5	40	62	51	112	11	5.1	5.5	9.0
30.0	47	76	62	123	14	6.1	6.6	11.0
30.6	47	76	62	123	14	6.1	6.6	11.0
40.0	62	98	80	151	18	8.1	9.0	14.0
50.0	75	112	94	192	18	8.1	9.0	14.0

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



Order key

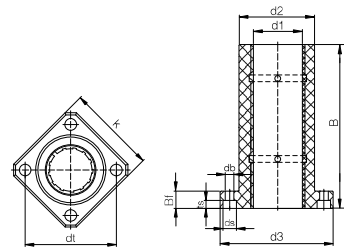
Type	Size
F J U M T -01-10-LL	
With flange	
igidur® J	
Liner	
Metric	
Tandem	
Round design	
Inner Ø d1	
Option:	
LL: Floating bearing	

Technical data

Dimension nominal diameter [mm]	d1 tolerance ⁷⁸⁾ [mm]	Guide length [mm]	Projected bearing surface [mm²]	Weight [g]	Part No.
8	+0.032 +0.070	45	256	27.13	FJZMT-01-08 ⁸⁵⁾
10	+0.030 +0.088	52	250	43.75	FJUMT-01-10
10	+0.030 +0.088	52	250	43.75	FJUMT-01-10-LL
12	+0.030 +0.088	57	324	57.00	FJUMT-01-12
12	+0.030 +0.088	57	324	57.00	FJUMT-01-12-LL
16	+0.030 +0.088	70	464	78.28	FJUMT-01-16
16	+0.030 +0.088	70	464	78.28	FJUMT-01-16-LL
20	+0.030 +0.091	80	580	126.42	FJUMT-01-20
20	+0.030 +0.091	80	580	126.42	FJUMT-01-20-LL
25	+0.030 +0.091	112	975	248.85	FJUMT-01-25
25	+0.030 +0.091	112	975	248.85	FJUMT-01-25-LL
30	+0.040 +0.110	123	1,470	388.37	FJUMT-01-30
30	+0.040 +0.110	123	1,470	388.37	FJUMT-01-30-LL
40	+0.040 +0.115	151	2,360	835.00	FJUMT-01-40
50	+0.050 +0.150	192	3,450	1,352.30	FJUMT-01-50

drylin® R flanged linear plain bearings | Product range

Closed, anodised aluminium adapters, square flange, tandem design



● Equipped with two liners to increase the guide length

i ⁷⁸⁾ According to igus® testing method ► Page 260
⁸⁵⁾ Fitted with two pieces of JSM-0810-16
Please note: Installation instructions ► Page 187

Dimensions [mm]

d1	d2 h7	d3	dt	k	B	Bf	ts	db	ds
8.0	16	32	24	25	45	8	3.1	3.5	6.0
10.0	19	39	29	30	52	9	4.1	4.5	7.5
10.4	19	39	29	30	52	9	4.1	4.5	7.5
12.0	22	42	32	32	57	9	4.1	4.5	7.5
12.4	22	42	32	32	57	9	4.1	4.5	7.5
16.0	26	46	36	35	70	9	4.1	4.5	7.5
16.4	26	46	36	35	70	9	4.1	4.5	7.5
20.0	32	54	43	42	80	11	5.1	5.5	9.0
20.5	32	54	43	42	80	11	5.1	5.5	9.0
25.0	40	62	51	50	112	11	5.1	5.5	9.0
25.5	40	62	51	50	112	11	5.1	5.5	9.0
30.0	47	76	62	60	123	14	6.1	6.6	11.0
30.6	47	76	62	60	123	14	6.1	6.6	11.0
40.0	62	98	80	75	151	18	8.1	9.0	14.0
50.0	75	112	94	88	192	18	8.1	9.0	14.0

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



drylin® R flanged linear plain bearings | Product range



Order key

TypeSize

FJUMT-02-10-LL

With flange

iglidur® J

Liner

Metric

Tandem

Square design

Inner Ø d1

Option:
LL: Floating bearing

Technical data

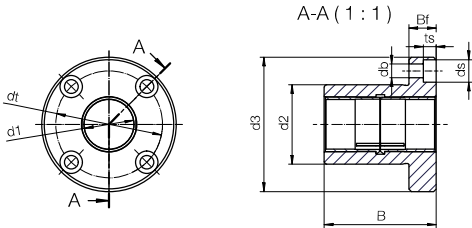
Dimension nominal diameter [mm]	d1 tolerance ⁷⁸⁾ [mm]	Guide length [mm]	Projected bearing surface [mm²]	Weight [g]	Part No.
8	+0.032 +0.070	45	256	23.00	FJZMT-02-08 ⁸⁵⁾
10	+0.030 +0.088	52	250	36.58	FJUMT-02-10
10	+0.030 +0.088	52	250	36.58	FJUMT-02-10-LL
12	+0.030 +0.088	57	324	48.19	FJUMT-02-12
12	+0.030 +0.088	57	324	48.19	FJUMT-02-12-LL
16	+0.030 +0.088	70	464	67.79	FJUMT-02-16
16	+0.030 +0.088	70	464	67.79	FJUMT-02-16-LL
20	+0.030 +0.091	80	580	110.06	FJUMT-02-20
20	+0.030 +0.091	80	580	110.06	FJUMT-02-20-LL
25	+0.030 +0.091	112	975	230.06	FJUMT-02-25
25	+0.030 +0.091	112	975	230.06	FJUMT-02-25-LL
30	+0.040 +0.110	123	1,470	350.74	FJUMT-02-30
30	+0.040 +0.110	123	1,470	350.74	FJUMT-02-30-LL
40	+0.040 +0.115	151	2,360	739.30	FJUMT-02-40
50	+0.050 +0.150	192	3,450	1,249.30	FJUMT-02-50

drylin® R flanged linear plain bearings | Product range **New**

Adapter with clip-in liners made from iglidur® W360 (precision), round flange



● Up to 50% lower clearance in operation



Order key

Type Size

F R W360 C M T -01-12

With flange

drylin® R

igidur® W360

Clip-in liner

Metric

Tandem

Square design

Inner Ø d1

Option:
T: Tandem

Dimensions [mm] - flanged linear plain bearing

d1	d2	d3	dt	B	Bf	ts	db	ds	Part No.
+0.01 +0.05	H7								
12	22	42	32	32	9	4.1	4.5	7.5	FRW360CM-01-12 New
16	26	46	36	36	9	4.1	4.5	7.5	FRW360CM-01-12 New
20	32	54	43	45	11	5.1	5.5	9.0	FRW360CM-01-12 New

Dimensions [mm] - flanged linear plain bearing, tandem design

d1	d2	d3	dt	B	Bf	ts	db	ds	Part No.
+0.04 +0.01	H7								
12	22	42	32	57	9	4.1	4.5	7.5	FRW360CMT-01-12 New
16	26	46	36	70	9	4.1	4.5	7.5	FRW360CMT-01-12 New
20	32	54	43	80	11	5.1	5.5	9.0	FRW360CMT-01-12 New

Notes

