

drylin® R solid plastic bearings | Product range

Standard design made from iglidur® J (the all-rounder)



Order key

Type	Size
R J M-01-10	
Closed	
igidur® J	
Metric	
Standard	
Inner Ø d1	



⁷⁸⁾ According to igus® testing method ▶ Page 1146

⁸²⁾ Design tips ▶ Page 1078

⁸³⁾ Applies by room temperature: press-fit decrease with time depending on the temperature

Please note: Installation instructions ▶ Page 1079



Imperial dimensions

▶ Page 1613

- Assembly by press-fitting
- Secured by circlips



Min. -20°C
Max. +60°C

Dimensions [mm]

d1	d2	B	B1	s	dn	Part No.
8	16	25	16.2	1.10	15.2	RJM-01-08
10	19	29	21.6	1.30	17.5	RJM-01-10
12	22	32	22.6	1.30	20.5	RJM-01-12
16	26	36	24.6	1.30	24.2	RJM-01-16
20	32	45	31.2	1.60	29.6	RJM-01-20
25	40	58	43.7	1.85	36.5	RJM-01-25
30	47	68	51.7	1.85	43.5	RJM-01-30
40	62	80	60.3	2.15	57.8	RJM-01-40

Technical data

Part No.	d1 tolerance ⁷⁸⁾	Fmax. dynamic ⁸²⁾	Fmax. static ⁸²⁾	Weight	Press-fit force ⁸³⁾
	[mm]	p = 2.5MPa [N]	p = 17.5MPa [N]		
RJM-01-08	+0.025 +0.061	250	1,750	4	400
RJM-01-10	+0.025 +0.061	363	2,538	7	700
RJM-01-12	+0.032 +0.075	480	3,360	9	1,300
RJM-01-16	+0.032 +0.075	720	5,040	13	1,100
RJM-01-20	+0.040 +0.092	1,125	7,875	24	1,500
RJM-01-25	+0.040 +0.092	1,813	12,688	47	3,500
RJM-01-30	+0.040 +0.092	2,550	17,850	72	4,500
RJM-01-40	+0.050 +0.112	4,000	28,000	127	4,200

Can be combined with:



RQA-04



RTA-04



RGA-04



RGAS-04

drylin® R solid plastic bearings | Product range

Standard design, precise, made from iglidur® J (the all-rounder)



Order key

Type	Size
R J M P-01-10	
Closed	
igidur® J	
Metric	
Precise	
Standard	
Inner Ø d1	



⁷⁸⁾ According to igus® testing method ▶ Page 1146

⁸²⁾ Design tips ▶ Page 1078

Please note: Installation instructions ▶ Page 1079



Min. -20°C
Max. +60°C



Imperial dimensions

▶ Page 1613

- Easy assembly by soft press-fit
- Reduced bearing clearance
- Secured by circlips

Dimensions [mm]

d1	d2	B	B1	s	dn	Part No.
6	12	19	13.5	1.10	11.5	RJMP-01-06
8	16	25	16.2	1.10	15.2	RJMP-01-08
10	19	29	21.6	1.30	17.5	RJMP-01-10
12	22	32	22.6	1.30	20.5	RJMP-01-12
16	26	36	24.6	1.30	24.2	RJMP-01-16
20	32	45	31.2	1.60	29.6	RJMP-01-20
25	40	58	43.7	1.85	36.5	RJMP-01-25
30	47	68	51.7	1.85	43.5	RJMP-01-30

Technical data

Part No.	d1 tolerance ⁷⁸⁾	Fmax. dynamic ⁸²⁾	Fmax. static ⁸²⁾	Weight
	[mm]	p = 2.5MPa [N]	p = 17.5MPa [N]	
RJMP-01-06	+0.000 +0.030	200	1,400	2
RJMP-01-08	+0.000 +0.040	250	1,750	4
RJMP-01-10	+0.000 +0.040	363	2,538	7
RJMP-01-12	+0.000 +0.040	480	3,360	9
RJMP-01-16	+0.000 +0.040	720	5,040	13
RJMP-01-20	+0.000 +0.040	1,125	7,875	24
RJMP-01-25	+0.000 +0.050	1,813	12,688	47
RJMP-01-30	+0.000 +0.050	2,550	17,850	72

Can be combined with:



RQA-04



RTA-04



RGA-04



RGAS-04