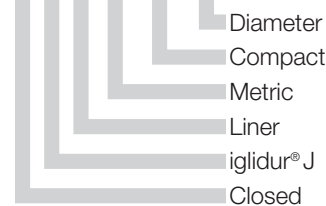


Structure – part no.
R J U M -02-16



Special properties

- Compact dimensions
- Closed, anodized aluminium housing
- Dimensions equivalent to standard recirculating ball bearings
- Fitted with JUM-02 liners made of iglidur® J (Standard)
- Recommended tolerance for the shaft: h6–h10 (see igus® shafts ► **chapter 65**)
- Secured by pressfitting in steel housing bore H7 or aluminium housing bore K7
- Also available with following liners:
 - XUM-02: for high temperatures, material iglidur® X – Example: RXUM-02-16
 - JUM-12: with reduced maximum clearance, material iglidur® J – Example: RJUM-12-16

* According to igus® testing method
► **Page 64.37**

Available from stock

Inner Diameter, Load Capacity and Weight

Part No.	Shaft Ø [mm]	Housing Bore, Ø H7/K7 [mm]	Tolerance* Bearing Inner Diameter [mm]	pmax. [N] Dynamic Load P = 5 MPa	pmax. [N] Static Load P = 35 MPa	Weight [g]
RJZM-02-06**	6	12	0,032 - 0,070	600	4200	4
RJZM-02-08**	8	15	0,032 - 0,070	650	4550	6
RJUM-02-10	10	17	0,030 - 0,088	650	4550	8
RJUM-02-12	12	19	0,030 - 0,088	840	5880	10
RJUM-02-16	16	24	0,030 - 0,088	1200	8400	17
RJUM-02-20	20	28	0,030 - 0,091	1500	10500	18
RJUM-02-25	25	35	0,030 - 0,091	2500	17500	42
RJUM-02-30	30	40	0,040 - 0,110	3750	26250	56
RJUM-02-40	40	52	0,040 - 0,115	6000	42000	113
RJUM-02-50	50	62	0,050 - 0,130	8750	61250	147

Dimensions [mm]

Part No.	d1 [mm]	d2 [mm] k7	B [mm] h10
RJZM-02-06**	6	12	22
RJZM-02-08**	8	15	24
RJUM-02-10	10	17	26
RJUM-02-12	12	19	28
RJUM-02-16	16	24	30
RJUM-02-20	20	28	30
RJUM-02-25	25	35	40
RJUM-02-30	30	40	50
RJUM-02-40	40	52	60
RJUM-02-50	50	62	70

** Nominal diameter under 10 mm are delivered with pressfit sleeve bearings



DryLin® R

mm

Phone +49 - 22 03 - 96 49-145

Fax +49 - 22 03 - 96 49-334

