

Structure – part no.
O J U M - 0 1 - 1 2

- Diameter
- Standard
- Metric
- Liner
- iglidur® J
- Open



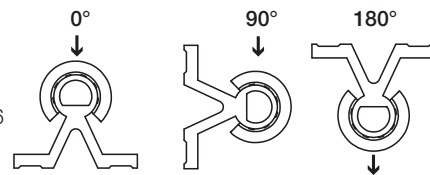
Special properties

- Open, anodized aluminium housing for supported shafts
- Dimensions equivalent to standard recirculating ball bearings
- Fitted with JUMO-01 liner made of iglidur® J
- Recommended housing bore H7
- Recommended tolerance for the shaft: h6-h10 (see igus® shafts ► **chapter 65**)
- Secure the bearing with set screws (not included in the delivery)
- Also available with following liners:
 - XUMO-01: for high temperatures, material iglidur® X – Example: OXUM-01-16
 - JUMO-11: with reduced maximum clearance, material iglidur® J – Example: OJUM-11-16

* According to igus® testing method

► **Page 64.37**

Available from stock



Inner Diameter, Load Capacity and Weight

Part No.	Shaft Ø [mm]	Tolerance* Bearing Inner Diameter [mm]	pmax. [N] Dynamic Load P = 5 MPa			pmax. [N] Static Load P = 35 MPa			Weight [g]
			0°	90°	180°	0°	90°	180°	
			OJUM-01-10	10	0,030 - 0,088	725	500	196	
OJUM-01-12	12	0,030 - 0,088	960	635	240	6720	4445	1680	15
OJUM-01-16	16	0,030 - 0,088	1440	990	396	10080	6943	2772	21
OJUM-01-20	20	0,030 - 0,091	2250	1800	900	15750	12600	6300	42
OJUM-01-25	25	0,030 - 0,091	3625	2953	1523	25375	20670	10658	70
OJUM-01-30	30	0,040 - 0,110	5100	4250	2278	35700	29735	15946	132
OJUM-01-40	40	0,040 - 0,115	8000	6810	3800	56000	47660	26660	278
OJUM-01-50	50	0,050 - 0,130	12500	10750	6125	87500	75265	42875	479

Dimensions [mm]

Part No.	d1 [mm]	d2 [mm]	B [mm]	W [mm]	a [mm]	dn [mm]	B1 [mm]	s [mm]	f [mm]	h [mm]
OJUM-01-10	10	19	29	7,3	0,0	17,5	21,6	1,30	0	1,2
OJUM-01-12	12	22	32	9,0	3,0	20,5	22,6	1,30	1,33 (7°)	1,2
OJUM-01-16	16	26	36	11,6	2,2	24,2	24,6	1,30	0	1,2
OJUM-01-20	20	32	45	12,0	2,2	29,6	31,2	1,60	0	1,2
OJUM-01-25	25	40	58	14,5	3,0	36,5	43,7	1,85	-1,5 (-4,3°)	1,5
OJUM-01-30	30	47	68	16,6	3,0	43,5	51,7	1,85	2 (4,9°)	2,0
OJUM-01-40	40	62	80	21,0	3,0	57,8	60,3	2,15	1,5 (2,8°)	2,0
OJUM-01-50	50	75	100	25,5	5,0	70,5	77,3	2,65	2,5 (3,8°)	2,0

Plain bearings of series OJUM-01 can be combined with:

QQA-01: ► P. 64.37	OGA-01: ► P. 64.43	OGAS-01: ► P. 64.45	OTA-01: ► P. 64.31	AWMU: ► P. 65.5



DryLin® R
mm

Phone +49 - 22 03 - 96 49-145
Fax +49 - 22 03 - 96 49-334

