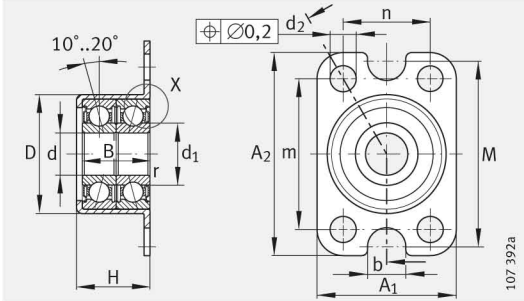


Angular contact ball bearing units

For screw mounting

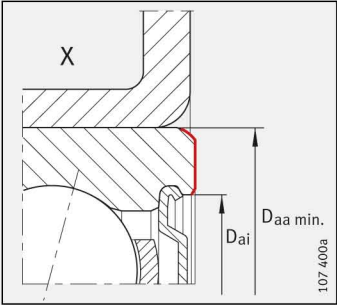


ZKLR0624-2Z, ZKLR0828-2Z

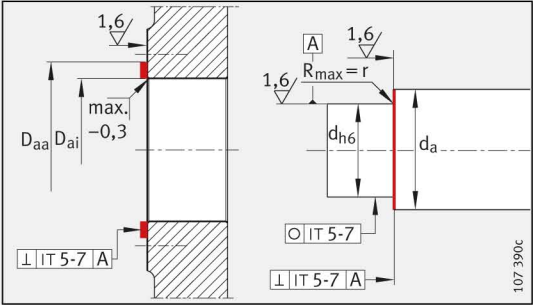
Dimension table · Dimensions in mm

Designation	Mass	Dimensions												
		d	A ₁	A ₂	D	B	d ₁	r	d ₂	b	m	n	M	H
	m													
	≈kg				+0,03 -0,01	-0,25		min.						-0,5
ZKLR0624-2Z	23	6 _{-0,008}	24	35	20,5	12	10,4	0,3	4,5	6,6	26	15	32	13
ZKLR0828-2Z	30	8 _{-0,008}	28	35	23,9	14	11,8	0,3	4,5	6,6	26	20	35	15,5
ZKLR1035-2Z	50	10 _{-0,008}	35	35	28,14	16	14,7	0,3	4,5	—	26	26	—	17,5
ZKLR1244-2RS	120	12 _{-0,007}	44	50	35,45	20	16,6	0,3	6,6	—	38	32	—	22
ZKLR1547-2RS	140	15 _{-0,007}	47	51	38,45	22	18	0,3	6,6	—	39	35	—	24
ZKLR2060-2RS	300	20 _{-0,008}	60	60	50,45	28	24,4	0,3	6,6	—	47	47	—	30

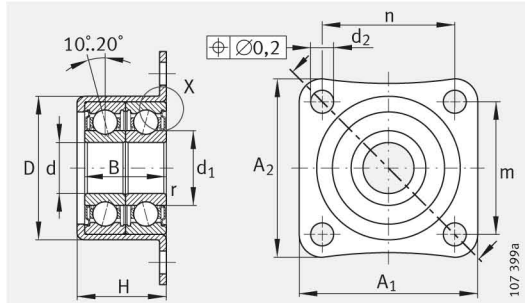
- 1) Tightening torque for the fixing screws as recommended by the manufacturer.
Screws must be ordered separately.
- 2) Mass moment of inertia for rotating inner ring.
- 3) The locknut is only used to axially locate the bearing unit.
It has no influence on the bearing preload.
- 4) Stated geometrical tolerances only required in diameter area between D_{ai} and D_{aa} .
- 5) Only valid in conjunction with INA precision locknuts.



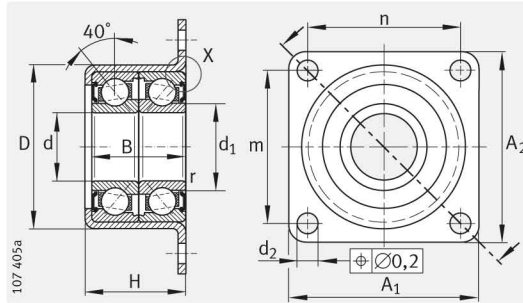
Axial abutment area of outer ring



Design of adjacent construction⁴⁾



ZKLR1035-2Z



ZKLR1244-2RS, ZKLR1547-2RS, ZKLR2060-2RS

d _a D _{ai} D _{aa}			Fixing screws DIN 912 ¹⁾		Basic load ratings				Bearing frictional torque	Rigidity axial	Mass moment of inertia ²⁾	Recommended INA locknut; to be ordered separately ³⁾	
					radial		axial					Design- ation	Tightening torque ⁵⁾
					dyn. C _r	stat. C _{0r}	dyn. C _a	stat. C _{0a}					
					N	N	N	N					
min.			Size	Quan- tity	N	N	N	N	Nm	N/μm	kg · cm ²		Nm
8	16	19	M4 M6	4 2	3 850	1 870	1 340	1 250	0,04	17	0,0014	ZM06	2
10,4	18	22	M4 M6	4 2	4 900	2 280	1 810	1 520	0,08	20	0,0028	ZM08	4
12,4	22	26	M4	4	7 400	3 600	2 550	2 420	0,12	26	0,0075	ZM10	6
14	27	32	M6	4	13 600	8 500	13 200	17 900	0,16	200	0,0102	ZM12	8
17,5	29	35	M6	4	16 700	10 700	16 400	22 400	0,2	130	0,0178	ZM15	10
24	39	47	M6	4	28 000	19 100	27 500	40 000	0,3	250	0,263	ZM20	18

