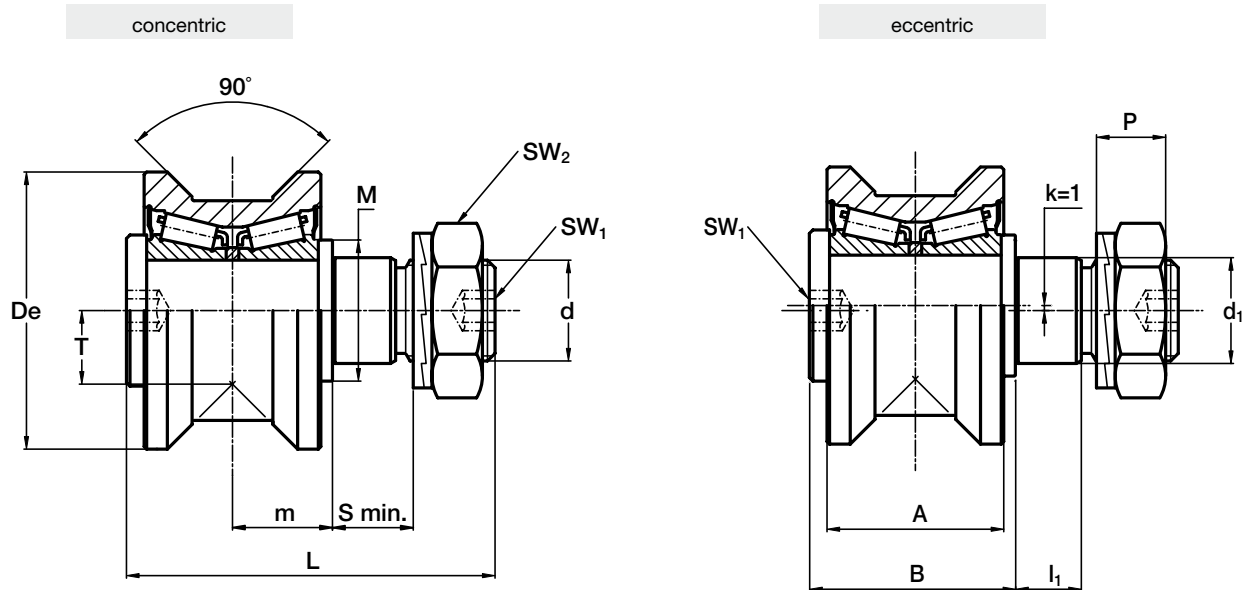


Guide Rollers **RKU**



The sides of the race are convex with radius **R = 400**.

Type		Dimensions (mm)														
concentric	eccentric	De	d ₁ ⁽¹⁾	d	T	m	S min.	P	L	A	B	l ₁	M	SW ₁	SW ₂	k
RKU 55	RKUR 55	55	21	M 20 x 1.5	14.6	19.8	15	13.4	73	35	41	14	28	8	ch. 30	1
RKU 65	RKUR 65	65	27	M 24 x 1.5	18	20.8	19	15.4	83	37	44	18	35	10	ch. 36	1
RKU 75	RKUR 75	75	36	M 30 x 1.5	23.7	27	19	21.6	100	45	55	18	44	12	ch. 46	1
RKU 95	RKUR 95	95	38	M 36 x 1.5	25.5	30	24	24.6	115	53	56 ⁽⁵⁾	23	50	14	ch. 55	1
RKU 115	RKUR 115	115	42	M 36 x 1.5	33.5	34	33	24.6	135	60	63 ⁽⁵⁾	32	56	14	ch. 55	1

Type		Dynamic load (N)	Limit loads of the bearing (N)		Limit loads of the stud (N)		Life coefficients				Torque wrench ⁽²⁾ settings (Nm)	Weight (kg)
							P _a /P _r ≤ 0.1		P _a /P _r > 0.1			
							X	Y	X	Y		
RKU 55	RKUR 55	41 650	radial C _{or}	axial C _{oa}	radial F _r	axial F _a	1	4.67	0.77	6.98	80	0.6
RKU 65	RKUR 65	46 800	50 400	12 750	22 100	6 800	1	3.93	0.74	6.55	160	0.9
RKU 75	RKUR 75	66 700	72 000	18 900	31 300	10 100	1	4.67	0.77	6.98	300	1.6
RKU 95	RKUR 95	116 800	136 000	37 800	43 700	12 600	1	3	0.8	4.96	450	2.8
RKU 115	RKUR 115	182 450	195 000	50 000	55 600	17 900	1	4.26	0.72	7.1	450	4.9

1) Housing bore tolerance: H7

2) The torque wrench settings are given for non-lubricated threads; for lubricated threads, multiply figure by 0.8

3) Standard seals: material NBR, RS type

4) On request, the guide rollers can be supplied in stainless steel (suffix **NX**) and with Viton seals for operating temperatures up to 120°C (suffix **V**, not available for RKU 115)

5) Dimensions relating to the stainless-steel rollers (suffix **NX**)

6) C_w basic load for 100 km

7) The guide rollers include self-locking washers and hexagonal nut (DIN 439B) for fitting

8) Pressure angle α for load calculation: 45°