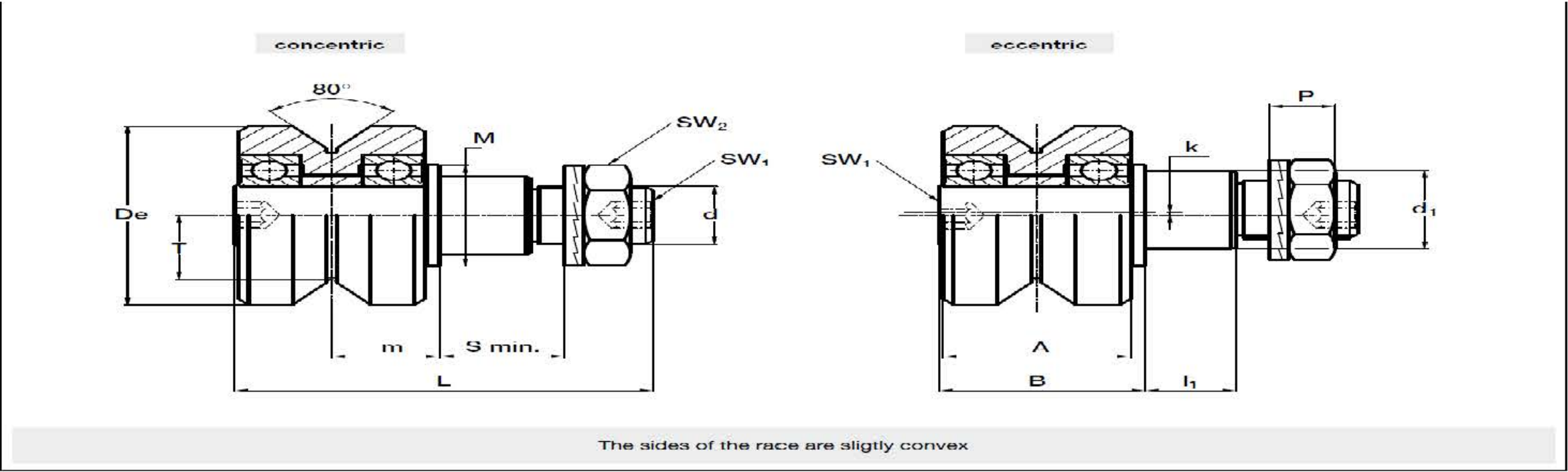


Guide Rollers **FR..EI**



Type		Dimensions (mm)														
concentric	eccentric	D_e	$d_1^{(1)}$	d	T	m	S min.	P	L	A	B	I_1	M	SW_1	SW_2	k
FR 22 EI	FRR 22 EI	22	9	M 6 x 1	7.7	9.4	9	6.5	37	15	18.2	8	14	4 ⁽⁸⁾	ch. 10	0.5
FR 32 EI	FRR 32 EI	32	14	M 10 x 1.25	11.8	12.6	12	8.5	50.5	21	24.5	11	20	4	ch. 16	1
FR 40 EI	FRR 40 EI	40	16	M 12 x 1.5	14.6	15.5	12	10.4	59.5	28	30.5	11	22	5	ch. 18	1
FR 52 EI	FRR 52 EI	52	21	M 16 x 1.5	19.1	19.8	15	11.4	69.5	32	36.5	14	28	6	ch. 24	1,5
FR 62 EI	FRR 62 EI	62	27	M 20 x 1.5	22.1	20.8	18.5	12.4	80.5	36	39.5	17.5	35	8	ch. 30	2

Type		Dynamic load (N)	Limit loads of the bearing (N)		Limit loads of the stud (N)		Life coefficients		Torque wrench ⁽²⁾ settings (Nm)	Weight (g)
		$C_w^{(4)}$	radial C_{or}	axial C_{oa}	radial F_r	axial F_a	X	Y		
FR 22 EI	FRR 22 EI	1 800	1 080	350	1 700	720	1	2.20	3	45
FR 32 EI	FRR 32 EI	4 400	2 330	750	1 200	500	1	2.92	20	130
FR 40 EI	FRR 40 EI	7 350	4 000	1 300	3 000	1 300	1	2.75	26	260
FR 52 EI	FRR 52 EI	9 500	5 500	1 750	7 500	3 000	1	2.96	64	510
FR 62 EI	FRR 62 EI	15 500	8 500	2 750	10 900	4 200	1	3.07	120	820

- 1) Housing bore tollerance: H7
- 2) The torque wrench settings are given for non-lubricated threads; for lubricated threads, multiply figure by 0.8
- 3) On request, the guide rollers can be supplied in stainless steel (suffix **NX**)
- 4) C_w basic load for 100 km
- 5) The guide rollers are complete with self-locking washers and hexagonal nut (DIN 439B) for fitting
- 6) Pressure angle α for load calculation: 40°
- 7) NBR seals RS type
- 8) Screw driver slot on the stud side