

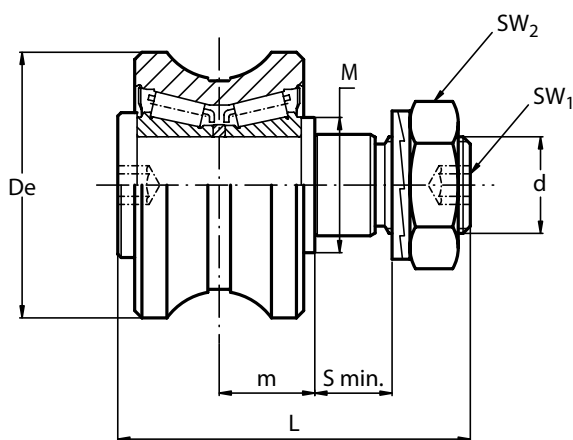
# BASE-LINE – DC, C SYSTEMS

## GUIDE ROLLERS RKO

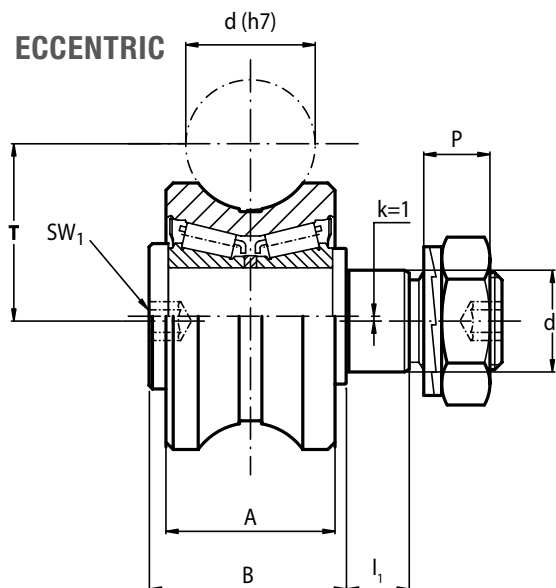
Guide rollers with tapered roller bearings, with “gothic arch” profile.



### CONCENTRIC



### ECCENTRIC



Type		Dimensions (mm)																Recommended pairings
concentric	eccentric	De	d-h7	d <sub>1</sub> <sup>1)</sup>	d	T	m	S min.	P	L	A	B	l <sub>1</sub>	M	SW <sub>1</sub>	SW <sub>2</sub>	k	
RKO 55.20	RKOR 55.20	55	20	21	M20 x 1.5	32.9	19.8	15	13.4	73	35	41	14	28	8	30	1	Albero Ø20
RKO 55.25	RKOR 55.25	55	25	21	M20 x 1.5	34.3	19.8	15	13.4	73	35	41	14	28	8	30	1	DC 25.95
RKO 62.30	RKOR 62.30	62	30	21	M20 x 1.5	39.6	19.8	15	13.4	73	35	41	14	28	8	30	1	C30
RKO 80.40	RKOR 80.40	79	40	36	M30 x 1.5	50.7	27	19	19.6	100	45	55	18	44	12	46	1	Albero Ø40

1) Housing bore tolerance: H7

Type		Dynamic load (N)	Limit loads (N)		Life coefficients		Torque wrench settings <sup>3)</sup> (Nm)	Weight (kg)
concentric	eccentric	C <sub>w</sub> <sup>2)</sup>	Radial F <sub>r</sub>	Axial F <sub>a</sub>	X	Y		
RKO 55.20	RKOR 55.20	42000	11900	4000	1	3.3	80	0.6
RKO 55.25	RKOR 55.25	42000	11900	4000	1	3.4	80	0.6
RKO 62.30	RKOR 62.30	44000	11900	4000	1	3.7	80	0.7
RKO 80.40	RKOR 80.40	68000	31000	10000	1	3.2	300	1.6

2) C<sub>w</sub> basic load for 100 km

3) Torque wrench settings are given for non-lubricated threads; for lubricated threads, multiply figure by 0.8

- Standard seals: material NBR, type RS
- On request, the guide rollers can be supplied with Viton seals for operating temperatures up to 120°C (suffix V)
- The guide rollers are complete with self-locking washers and hexagonal nut for fitting
- Pressure angle  $\alpha$  for load calculation: 65°