

# HEAVY-LINE – GP SYSTEM

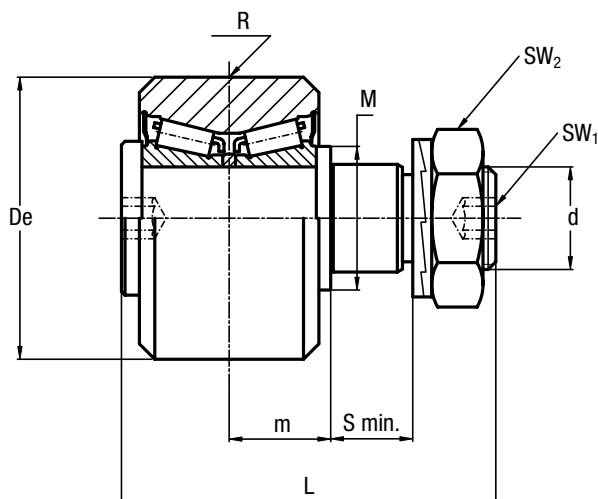
## GUIDE ROLLERS PK

Guide roller with tapered roller bearings.

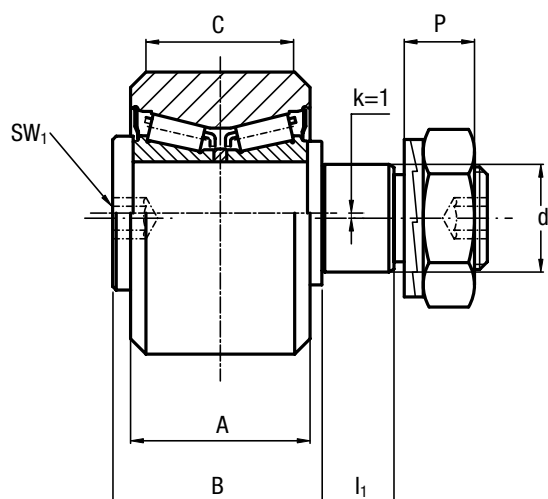
Available in stainless steel version.



### CONCENTRIC



### ECCENTRIC



Type		Dimensions (mm)															
concentric	eccentric	De	d <sub>1</sub> <sup>1)</sup>	d	m	S min.	P	L	A	B	C	R	I <sub>1</sub>	M	SW <sub>1</sub>	SW <sub>2</sub>	k
PK 52 C	PKR 52 C	52	21	M20 x 1.5	19.8	15	13.4	73	35	41	29	800	14	28	8	30	1
PK 62 C	PKR 62 C	62	27	M24 x 1.5	20.8	19	15.4	83	37	44	29	800	18	35	10	36	1
PK 72 C	PKR 72 C	72	36	M30 x 1.5	27	19	21.6	100	45	55	33	1200	18	44	12	46	1
PK 90 C	PKR 90 C	90	38	M36 x 1.5	30	24	24.6	115	53 56 <sup>2)</sup>	62	45	1200	23	50	14	55	1
PK 110 C	PKR 110 C	110	42	M36 x 1.5	34	33	24.6	135	60 63 <sup>2)</sup>	70	48	1200	32	56	14	55	1

1) Housing bore tolerance: H7

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

Type		Dynamic load (N)	Limit loads (N)	Torque wrench settings <sup>4)</sup> (Nm)	Weight (kg)
		C <sub>w</sub> <sup>3)</sup>	Radial F <sub>r</sub>		
PK 52 C	PKR 52 C	42000	11900	80	0.6
PK 62 C	PKR 62 C	48000	22100	160	0.9
PK 72 C	PKR 72 C	69000	31300	300	1.6
PK 90 C	PKR 90 C	134000	43800	450	2.8
PK 110 C	PKR 110 C	190000	55600	450	4.9

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

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

- On request, the guide rollers can be supplied with external parts in stainless steel (suffix NX) and with Viton seals for operating temperatures up to 120°C (suffix V, not available for dimension PK 110 C). Internal rolling elements in standard bearing steel
- The guide rollers are complete with self-locking washers and hexagonal nut (DIN 439B) for fitting
- Standard seals: material NBR, RS type