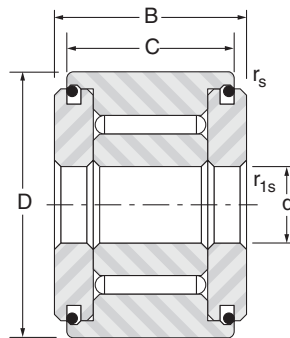


Small needle cam follower FP

FP, FPL series
without seals



Ø outer D mm	Designation 1) FP, FPL	D mm	d mm	B mm	C mm	r _s min. mm	r _{1s} min. mm	Basic capacities kN					Speed limits grease lubrication min ⁻¹	Weight kg
								as a bearing		as a cam follower				
								Dyn. C	Stat. C ₀	Dyn. C _w	Dyn. F _r	Stat. F _{0r}		
10	3 10	10	3	8.7	8	0.2	0.15	2.8	3.09	2.12	1.43	2.58	8500	0.004
11	3 11	11	3	8.7	8	0.2	0.15	2.8	3.09	2.12	1.43	2.58	8500	0.005
12	4 12	12	4	9.7	9	0.2	0.15	3.74	4.74	2.54	1.63	2.94	6600	0.006
13	4 13	13	4	9.7	9	0.2	0.15	3.74	4.74	2.16	2.75	3.89	6600	0.008
14	4 14	14	4	10.2	9	0.3	0.15	4.05	5.44	2.86	2.26	4.07	5700	0.010
15	4 15	15	4	10.2	9	0.3	0.15	4.05	5.44	3.04	2.83	4.65	5700	0.011

1) Designation

FP Convex outer ring

FPL Cylindrical outer ring