

## Accuracy Grade

KM series is classified into normal grade (N) , high (H) and precision grade (P) , the standards are shown below.

Model	Rail Length (mm)	Positioning Repeatability (mm)			Positioning Accuracy (mm)			Running of Parallelism(mm)			Backlash (mm)			Starting Torque (N-cm)		
		Nomal N	High H	Precision P	Nomal N	High H	Precision P	Nomal N	High H	Precision P	Nomal N	High H	Precision P	Nomal N	High H	Precision P
KM 20	100															
	150	±0.01	±0.005	±0.003	-	0.06	0.02	-	0.025	0.01	0.02	0.01	0.003	0.5	0.5	1.2
	200															
KM 26	150															
	200	±0.01	±0.005	±0.003	-	0.06	0.02	-	0.025	0.01	0.02	0.01	0.003	2	1.5	4
	250															
	300															
KM 30	150															
	200					0.06	0.02		0.025	0.01						
	300	±0.01	±0.005	±0.003	-			-			0.02	0.02	0.003	7	7	15
	400					0.1	0.025		0.035	0.015						
	500															
KM 33	150															
	200					0.06	0.02		0.025	0.01						
	300	±0.01	±0.005	±0.003	-			-			0.02	0.02	0.003	7	7	15
	400					0.1	0.025		0.035	0.015						
	500															
KM 45	150															
	200					0.1	0.025		0.035	0.015						15
	340	±0.01	±0.005	±0.003	-			-			0.02	0.02	0.003	10	10	
	440					0.12	0.03		0.04	0.02						17
	540					0.15	0.04		0.05	0.03						25
	640															
KM 46	150															
	200					0.1	0.025		0.035	0.015						15
	340	±0.01	±0.005	±0.003	-			-			0.02	0.02	0.003	10	10	
	440					0.12	0.03		0.04	0.02						17
	540					0.15	0.04		0.05	0.03						25
KM 55	150															
	200					0.18	0.035		0.025							17
	980	±0.01	±0.005	±0.005	-	0.25	0.04	-	0.05	0.03	0.05	0.05	0.003	12	12	20
	1080					0.25	0.045		0.035	0.04				15		23
	1380					0.25	0.05		0.035	0.04						25
KM 65	150															
	200					0.18										
	980	±0.01	±0.008	±0.005	-	0.2	0.035	-	0.05	0.025	0.05	0.05	0.005	12	12	20
	1180					0.28	0.04		0.055	0.03				15	15	22
KM 65	1380															
	1680	±0.012														