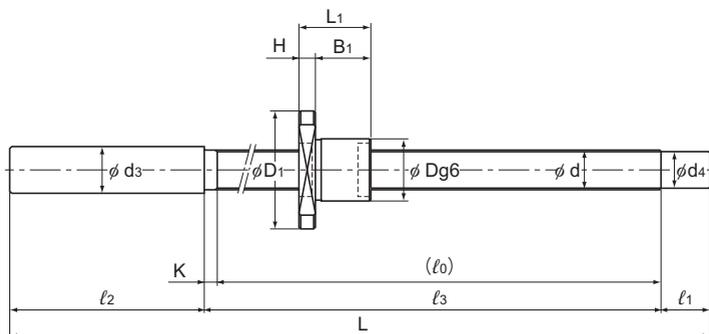
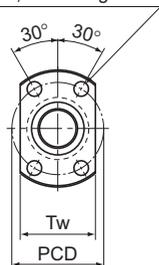


MDK (Unfinished Shaft Ends) No Preload

DN value	70000
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4- ϕd_1 through hole

MDK1202/1402/1404

Model No.	Ball screw specifications							Nut			
	Screw shaft outer diameter d	Lead Ph	Ball center-to-center diameter dp	Thread minor diameter dc	No. of loaded circuits Rows X turns	Basic load rating		Outer diameter D	Flange diameter D ₁	Overall length L ₁	Nut H
						C _a kN	C _{0a} kN				
MDK 1202-3	12	2	12.3	11	3×1	1.7	3.6	19	36	22	5
MDK 1402-3	14	2	14.3	13	3×1	1.8	4.3	21	40	23	6
MDK 1404-3	14	4	14.65	12.2	3×1	4.2	7.6	26	45	33	6
MDK 1405-3	14	5	14.75	11.2	3×1	7	11.6	26	45	42	10

Model number coding

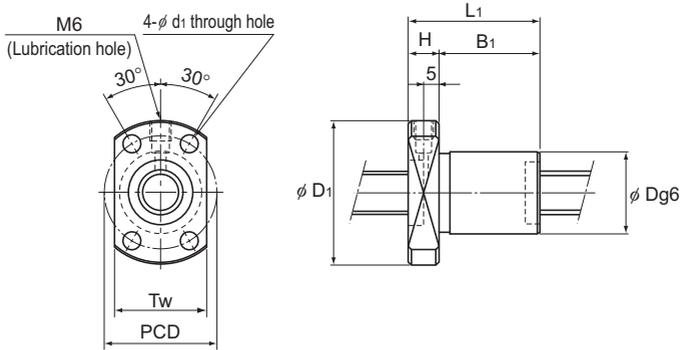
MDK1202-3 RR GT +165L C5 A

Model No. Seal symbol (*1) Overall screw shaft length (in mm) Unfinished shaft ends code

Symbol for clearance in the axial direction (*2) Accuracy symbol (*3)

(*1) See [A15-334](#). (*2) See [A15-19](#). (*3) See [A15-12](#).

Positioning Ball Screw



MDK1405

Unit: mm

Dimensions					Screw shaft dimensions									Nut mass kg	Shaft mass kg/m	Permissible rotational speed min ⁻¹
B ₁	PCD	d ₁	Tw	Unfinished Shaft End Code	Overall length L	ℓ ₀	ℓ ₁	ℓ ₂	ℓ ₃	d ₃	d ₄	K				
17	28	4.5	23	A	165	86	15	60	90	14.2	11	4	0.05	0.71	3500	
					215	136			140							
					265	186			190							
					315	236			240							
					365	286			290							
17	31	5.5	26	A	175	86	25	60	90	15.2	13	4	0.07	1	3500	
					225	136			140							
					275	186			190							
					325	236			240							
					425	336			340							
27	36	5.5	28	A	240	150	25	60	155	15.2	11.9	5	0.14	0.8	3500	
					290	200			205							
					340	250			255							
					440	350			355							
					540	450			455							
32	36	5.5	28	A	250	160	25	60	165	14	11.2	5	0.19	1.2	4740	
					300	210			215							
					350	260			265							
					450	360			365							
					550	460			465							

Ball Screw