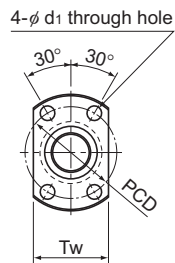


MDK (Unfinished Shaft Ends) No Preload

DN value	70,000
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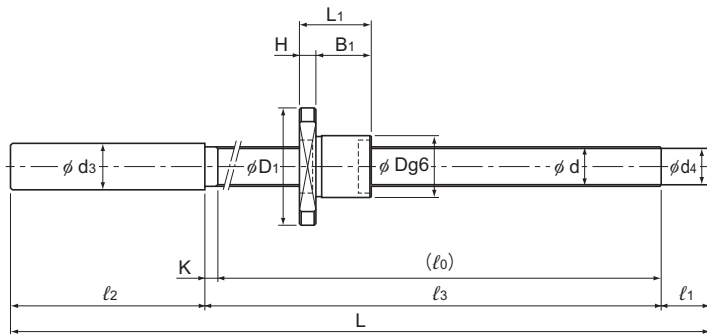
Model No.	Ball screw specifications							Nut			
	Screw shaft outer diameter	Lead	Ball center-to-center diameter	Thread minor diameter	No. of loaded circuits	Basic load rating		Outer diameter	Flange diameter	Overall length	H
	d	Ph	dp	dc	Rows X turns	Ca kN	C _{0a} kN	D	D ₁	L ₁	
MDK 0401-3	4	1	4.15	3.4	3×1	0.29	0.42	9	19	13	3
MDK 0601-3	6	1	6.2	5.3	3×1	0.54	0.94	11	23	14.5	3.5
MDK 0801-3	8	1	8.2	7.3	3×1	0.64	1.4	13	26	15	4
MDK 0802-3	8	2	8.3	7	3×1	1.4	2.3	15	28	22	5
MDK 1002-3	10	2	10.3	9	3×1	1.5	2.9	17	34	22	5

Model number coding

MDK0401-3 GT +95L C5 A

Model No. Overall screw shaft length (in mm) Unfinished shaft ends code

Symbol for clearance in the axial direction¹ Accuracy symbol²



Unit: mm

dimensions					Screw shaft dimensions									Nut mass	Shaft mass	Permissible rotational speed
	B ₁	PCD	d ₁	Tw	Unfinished shaft end symbol	Overall length L	l ₀	l ₁	l ₂	l ₃	d ₃	d ₄	K	kg	kg/m	min ⁻¹
	10	14	2.9	13	A	95	47	10	35	50	6.2	3.2	3	0.01	0.07	3,500
						115	67			70						
						145	97			100						
	11	17	3.4	15	A	120	67	10	40	70	8.2	5.3	3	0.02	0.14	3,500
						150	97			100						
						180	127			130						
	11	20	3.4	17	A	130	67	15	45	70	10.2	7.3	3	0.02	0.29	3,500
						160	97			100						
						190	127			130						
						240	177			180						
	17	22	3.4	19	A	140	76	15	45	80	10.2	7	4	0.04	0.27	3,500
						170	106			110						
						200	136			140						
						250	186			190						
	17	26	4.5	21	A	160	86	15	55	90	12.2	9	4	0.05	0.47	3,500
						210	136			140						
						260	186			190						
						310	236			240						

Note: Models MDK 0401, 0601, and 0801 are not provided with a labyrinth seal.