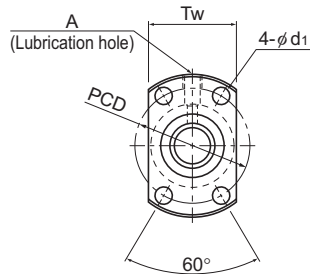


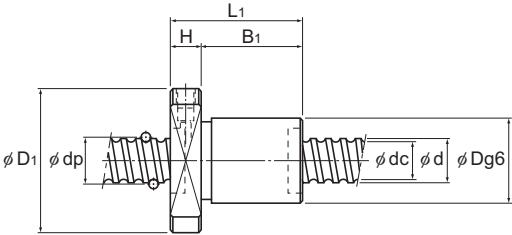
MDK

No Preload

DN value	70,000
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Model No.	Screw shaft outer diameter	Lead	Ball center-to-center diameter	Thread minor diameter	No. of loaded circuits	Basic load rating		Rigidity			
	d	Ph	dp	dc	Rows X turns	Ca kN	C _{0a} kN	K N/μm	Outer diameter D	Flange diameter D ₁	Overall length L ₁
MDK 0401-3	4	1	4.15	3.4	3×1	0.29	0.42	35	9	19	13
MDK 0601-3	6	1	6.2	5.3	3×1	0.54	0.94	60	11	23	14.5
MDK 0801-3	8	1	8.2	7.3	3×1	0.64	1.4	80	13	26	15
MDK 0802-3	8	2	8.3	7	3×1	1.4	2.3	80	15	28	22
MDK 1002-3	10	2	10.3	9	3×1	1.5	2.9	100	17	34	22
MDK 1202-3	12	2	12.3	11	3×1	1.7	3.6	120	19	36	22
MDK 1402-3	14	2	14.3	13	3×1	1.8	4.3	190	21	40	23
MDK 1404-3	14	4	14.65	12.2	3×1	4.2	7.6	190	26	45	33
MDK 1405-3	14	5	14.75	11.2	3×1	7	11.6	140	26	45	42



Unit: mm

Nut dimensions							Screw shaft inertial moment/mm kg·m ² /mm	Nut mass kg	Shaft mass kg/m	Permissible rotational speed min ⁻¹
	H	B ₁	PCD	d ₁	Tw	Lubrication hole A				
	3	10	14	2.9	13	—	1.97×10 ⁻¹⁰	0.01	0.07	3,500
	3.5	11	17	3.4	15	—	9.99×10 ⁻¹⁰	0.017	0.14	3,500
	4	11	20	3.4	17	—	3.16×10 ⁻⁹	0.024	0.29	3,500
	5	17	22	3.4	19	—	3.16×10 ⁻⁹	0.034	0.27	3,500
	5	17	26	4.5	21	—	7.71×10 ⁻⁹	0.045	0.47	3,500
	5	17	28	4.5	23	—	1.60×10 ⁻⁸	0.05	0.71	3,500
	6	17	31	5.5	26	—	2.96×10 ⁻⁸	0.15	1	3,500
	6	27	36	5.5	28	—	2.96×10 ⁻⁸	0.13	0.8	3,500
	10	32	36	5.5	28	M6	2.96×10 ⁻⁸	0.18	0.91	4,740

Note: Models MDK0401, 0601, and 0801 are not provided with a seal.