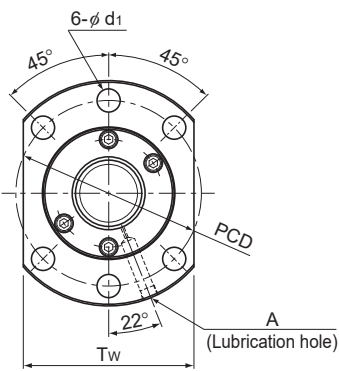




Model No.	Screw shaft outer diameter	Lead	Ball center- to-center diameter	Thread minor diameter	No. of loaded circuits	Basic load rating		Rigidity K
						Ca	C _{0a}	
	d	Ph	dp	dc	Rows X turns	kN	kN	N/μm
SBKN 3620-7.6	36	20	37.75	30.4	2×3.8	88.1	170.1	1,660
SBKN 4020-7.6	40	20	42	34.1	2×3.8	108.9	227.1	1,856
SBKN 4030-7.6	40	30	42	34.1	2×3.8	108.1	216.7	1,845
SBKN 5020-7.6	50	20	52	44.1	2×3.8	121.2	283.7	2,209
SBKN 5030-7.6	50	30	52	44.1	2×3.8	120.8	269.9	2,223
SBKN 5036-7.6	50	36	52	44.1	2×3.8	120.1	271.6	2,218
SBKN 5520-7.6	55	20	57	49.1	2×3.8	127.2	314.6	2,123
SBKN 5530-7.6	55	30	57	49.1	2×3.8	126.4	297.3	2,381
SBKN 5536-7.6	55	36	57	49.1	2×3.8	125.9	299	2,399

Note: With model SBKN, the raising of both ends of the thread groove is not available. When designing your system this way,contact THK.

Axial Clearance		Unit: mm
Clearance symbol	G0	
Axial Clearance	0 or less	

Model number coding

SBKN3620-7.6 RR G0 +1500L C5

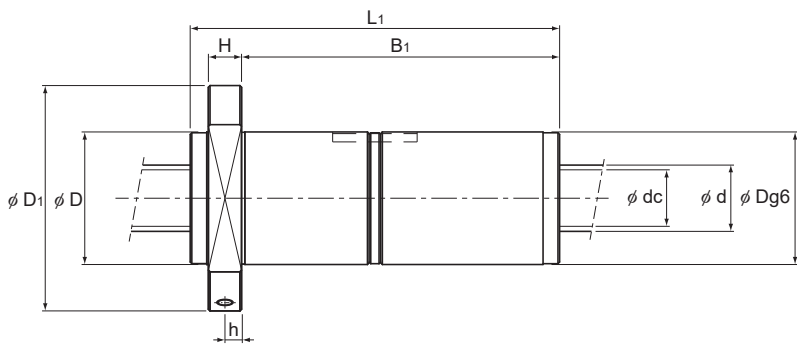
Model Number

Seal symbol¹

Overall screw shaft length (in mm)

Accuracy symbol²

Symbol for clearance in the axial direction (G0 for all SBKN variations)



Unit: mm

	Nut dimensions										Screw shaft inertial moment/mm	Nut mass	Shaft mass	Permissible rotational speed
	Outer diameter	Flange diameter	Overall length	H	B ₁	PCD	d ₁	T _w	h	Lubrication hole				
	D	D ₁	L ₁	H	B ₁	PCD	d ₁	T _w	h	A	kg·m ² /mm	kg	kg/m	min ⁻¹
	73	114	210	18	181	93	11	86	9	Rc1/8 (PT1/8)	1.29×10^{-6}	4.59	5	4,230
	80	136	210	20	179	112	14	103	10		1.97×10^{-6}	5.45	5.7	3,810
	80	136	283	20	252	112	14	103	10		1.97×10^{-6}	7.72	7	3,810
	90	146	210	22	177	122	14	110	11		4.82×10^{-6}	6.56	10.2	3,070
	90	146	284	22	251	122	14	110	11		4.82×10^{-6}	8.96	11.9	3,070
	90	146	334	22	301	122	14	110	11		4.82×10^{-6}	10.5	12.5	3,070
	96	152	210	22	177	128	14	114	11		7.05×10^{-6}	7.15	13	2,800
	96	152	284	22	251	128	14	114	11		7.05×10^{-6}	9.76	14.8	2,800
	96	152	334	22	301	128	14	114	11		7.05×10^{-6}	11	15.5	2,800