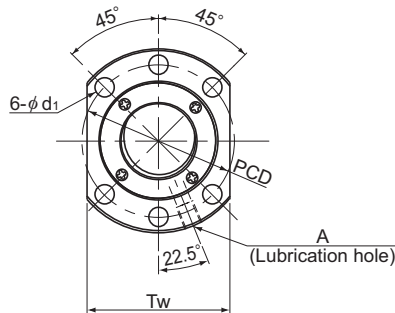


SDA-V/SDA-VZ
With Preload/No Preload

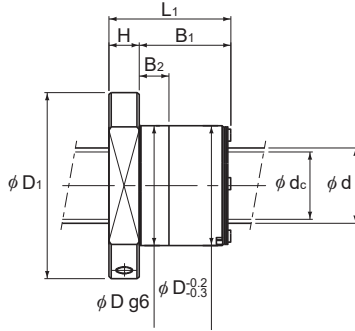
DN value	SDA-V (Caged Ball)	160,000
	SDA-VZ (Full-Ball)	100,000



Model No.	Screw shaft outer diameter	Lead	Ball center-to-center diameter	Thread minor diameter	No. of loaded circuits	Basic load rating				Rigidity		
						SDA-V (Caged Ball)		SDA-VZ (Full-Ball)		SDA-V (Caged Ball)	SDA-VZ (Full-Ball)	
						Ca	C _{0a}	Ca	C _{0a}	K	K	
	d	Ph	dp	dc	Rows X turns	kN	kN	kN	kN	N/μm	N/μm	
SDA 2004V-4	20	4	20.5	18.1	1×4	8.8	14.7	8.3	16.2	239	260	
SDA 2005V-3	20	5	20.75	17.1	1×3	11.7	17.7	11.1	18.9	200	213	
SDA 2006V-4	20	6	20.75	17.1	1×4	15.3	24.1	14.5	25.9	269	287	
SDA 2010V-3	20	10	20.75	17.1	1×3	11.6	17.7	11	19	200	213	
SDA 2010V-6	20	10	20.75	17.1	2×3	21	35.3	20	38.1	386	413	
SDA 2020V-3	20	20	20.75	17.1	1×3	11.4	17.2	10.8	18.5	203	217	
SDA 2020V-6	20	20	20.75	17.1	2×3	20.6	34.5	19.6	37	394	420	
SDA 2030V-2	20	30	20.75	17.1	1×2	7.4	11.5	7	12.3	135	143	
SDA 2040V-2	20	40	20.75	17.1	1×2	7.1	9.7	6.8	10.4	137	147	
SDA 2060V-2	20	60	20.75	17.1	2×1	5.5	9.2	5.2	9.9	121	131	
SDA 2505V-3	25	5	25.75	22.1	1×3	12.9	22	12.3	23.7	237	254	
SDA 2510V-3	25	10	25.75	22.1	1×3	12.8	22	12.2	23.8	237	254	
SDA 2520V-3	25	20	25.75	22.1	1×3	12.7	21.3	12.1	22.9	241	257	
SDA 2525V-3	25	25	25.75	22.1	1×3	12.5	21.6	11.9	23.3	243	259	
SDA 2530V-2	25	30	25.75	22.1	1×2	8.3	13.9	7.9	14.9	158	168	
SDA 2530V-4	25	30	25.75	22.1	2×2	15.1	27.8	14.4	29.8	305	325	
SDA 2550V-2	25	50	25.75	22.1	1×2	7.8	12.1	7.5	13.1	163	176	

Model number coding

SDA2005V	Z	-3	TT	G0	+830L	C5
Model No.	Number of turns			Overall screw shaft length (in mm)		Accuracy symbol ³
Full-ball type code (No code for caged ball type)	Contamination protection accessory symbol ¹			Axial direction clearance code ²		



Unit: mm

	Nut dimensions										Screw shaft inertial moment/mm	Nut mass	Shaft mass	Permissible rotational speed	
	Outer diameter	Flange diameter	Overall length							Lubrication hole				SDA-V (Caged Ball)	SDA-VZ (Full-Ball)
	D	D ₁	L ₁	H	B ₁	B ₂	PCD	d ₁	T _w	A				min ⁻¹	min ⁻¹
	32	58	27	10	17	14.5	47	6.6	44	M6	1.23×10 ⁻⁷	0.17	2.27	5,000	4,870
	36	58	27	10	17	13.5	47	6.6	44	M6	1.23×10 ⁻⁷	0.18	2.21	5,000	4,810
	36	58	35	10	25	22.2	47	6.6	44	M6	1.23×10 ⁻⁷	0.22	2.23	5,000	4,810
	36	58	40	10	30	27	47	6.6	44	M6	1.23×10 ⁻⁷	0.25	2.34	5,000	4,810
	36	58	40	10	30	27	47	6.6	44	M6	1.23×10 ⁻⁷	0.25	2.18	5,000	4,810
	36	58	67	10	57	20	47	6.6	44	M6	1.23×10 ⁻⁷	0.39	2.4	5,000	4,810
	36	58	67	10	57	20	47	6.6	44	M6	1.23×10 ⁻⁷	0.38	2.31	5,000	4,810
	36	58	66	10	56	20	47	6.6	44	M6	1.23×10 ⁻⁷	0.38	2.42	5,000	4,810
	36	58	84	10	74	20	47	6.6	44	M6	1.23×10 ⁻⁷	0.47	2.43	5,000	4,810
	36	58	63	10	53	20	47	6.6	44	M6	1.23×10 ⁻⁷	0.36	2.39	5,000	4,810
	40	62	27	10	17	13.5	51	6.6	48	M6	3.01×10 ⁻⁷	0.2	3.53	5,000	3,880
	40	62	40	10	30	27	51	6.6	48	M6	3.01×10 ⁻⁷	0.28	3.7	5,000	3,880
	40	62	67	10	57	20	51	6.6	48	M6	3.01×10 ⁻⁷	0.42	3.78	5,000	3,880
	40	62	82	10	72	20	51	6.6	48	M6	3.01×10 ⁻⁷	0.5	3.79	5,000	3,880
	40	62	66	10	56	20	51	6.6	48	M6	3.01×10 ⁻⁷	0.41	3.8	5,000	3,880
	40	62	66	10	56	20	51	6.6	48	M6	3.01×10 ⁻⁷	0.41	3.71	5,000	3,880
	40	62	102	10	92	20	51	6.6	48	M6	3.01×10 ⁻⁷	0.61	3.83	5,000	3,880