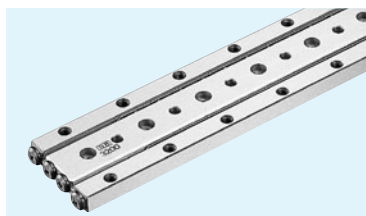


SVW TYPE



part number structure

example **SVWS 4 200-RAS 19Z-UP**

specification
SVW: standard
SVWS: anti-corrosion

size

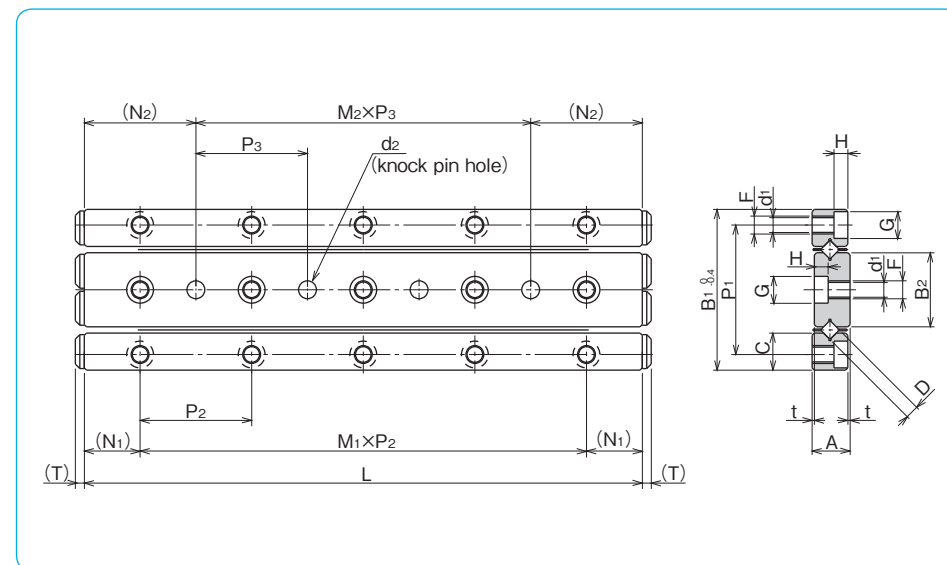
rail length

accuracy grade
blank: high
P: precision
UP: ultra precision

number of rollers

cage type
blank: standard cage
RA: aluminum cage
standard: standard roller
RAS: aluminum cage
stainless steel: stainless steel roller

* Refer to page G-5 for information on cage types.
 ** Aluminum cage is not available for size 1 and 2.



part number		stroke	roller diameter	number of rollers	L	A	t	B ₁	B ₂	C	P ₁	M ₁ × P ₂
standard	anti-corrosion	ST mm	D mm	Z	mm	mm	mm	mm	mm	mm	mm	mm
SVW 1020- 5Z	SVWS 1020- 5Z	12	1.5	5	20	4.5	0.5	17	7.6	3.8	13.4	1 × 10
1030- 7Z	1030- 7Z	20		7	30							2 × 10
1040-10Z	1040-10Z	27		10	40							3 × 10
1050-13Z	1050-13Z	32		13	50							4 × 10
1060-16Z	1060-16Z	37		16	60							5 × 10
1070-19Z	1070-19Z	42		19	70							6 × 10
1080-21Z	1080-21Z	50		21	80							7 × 10
SVW 2030- 5Z	SVWS 2030- 5Z	18	2	5	30	6.5	0.5	24	11	5.5	19	1 × 15
2045- 8Z	2045- 8Z	24		8	45							2 × 15
2060-11Z	2060-11Z	30		11	60							3 × 15
2075-13Z	2075-13Z	44		13	75							4 × 15
2090-16Z	2090-16Z	50		16	90							5 × 15
2105-18Z	2105-18Z	64		18	105							6 × 15
2120-21Z	2120-21Z	70		21	120							7 × 15
SVW 3050- 7Z	SVWS 3050- 7Z	28	3	7	50	8.5	0.5	36	16.6	8.3	29	1 × 25
3075-10Z	3075-10Z	48		10	75							2 × 25
3100-14Z	3100-14Z	58		14	100							3 × 25
3125-17Z	3125-17Z	78		17	125							4 × 25
3150-21Z	3150-21Z	88		21	150							5 × 25
3175-24Z	3175-24Z	105		24	175							6 × 25
3200-28Z	3200-28Z	115		28	200							7 × 25
SVW 4080- 7Z	SVWS 4080- 7Z	58	4	7	80	11.5	0.5	44	20.4	10.2	35	1 × 40
4120-11Z	4120-11Z	82		11	120							2 × 40
4160-15Z	4160-15Z	105		15	160							3 × 40
4200-19Z	4200-19Z	130		19	200							4 × 40
4240-23Z	4240-23Z	150		23	240							5 × 40
4280-27Z	4280-27Z	175		27	280							6 × 40

major dimensions									basic load rating		allowable	mass	size
N ₁	F	d ₁	G	H	M ₂ × P ₃	N ₂	d ₂	T	dynamic C	static Co	load F	(one set) g	size
mm	mm	mm	mm	mm	mm	mm	mm	mm	N	N	N	g	
5	M2	1.65	3	1.4	—	10	2 ^{+0.010} ₀	0.8	464	476	158	11	1020
					1 × 10				641	714	237	14	1030
					2 × 10				959	1,190	396	18	1040
					3 × 10				1,100	1,420	475	22	1050
					4 × 10				1,380	1,900	633	26	1060
					5 × 10				1,510	2,140	712	30	1070
					6 × 10				1,650	2,380	792	34	1080
7.5	M3	2.55	4.4	2	—	15	3 ^{+0.010} ₀	1.2	1,090	1,170	390	28	2030
					1 × 15				1,900	2,340	780	42	2045
					2 × 15				2,270	2,930	976	55	2060
					3 × 15				2,620	3,510	1,170	69	2075
					4 × 15				3,280	4,680	1,560	83	2090
					5 × 15				3,590	5,270	1,750	96	2105
					6 × 15				3,900	5,860	1,950	110	2120
12.5	M4	3.3	6	3.1	—	25	4 ^{+0.012} ₀	2	3,490	3,890	1,290	94	3050
					1 × 25				5,230	6,490	2,160	135	3075
					2 × 25				6,810	9,080	3,020	187	3100
					3 × 25				7,560	10,300	3,450	234	3125
					4 × 25				9,000	12,900	4,320	281	3150
					5 × 25				10,300	15,500	5,180	327	3175
					6 × 25				11,700	18,100	6,040	374	3200
20	M5	4.3	8	4.2	—	40	5 ^{+0.012} ₀	2	7,110	7,920	2,640	255	4080
					1 × 40				10,600	13,200	4,400	385	4120
					2 × 40				13,800	18,400	6,160	510	4160
					3 × 40				16,800	23,700	7,920	635	4200
					4 × 40				19,700	29,000	9,680	770	4240
					5 × 40				22,400	34,300	11,400	905	4280

1N≒0.102kgf