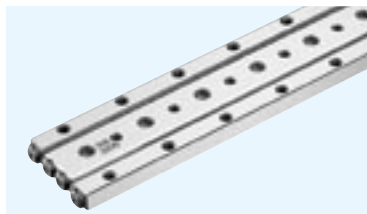


SVW TYPE



part number structure

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

specification
SVW: standard
SVWS: anti-corrosion

size

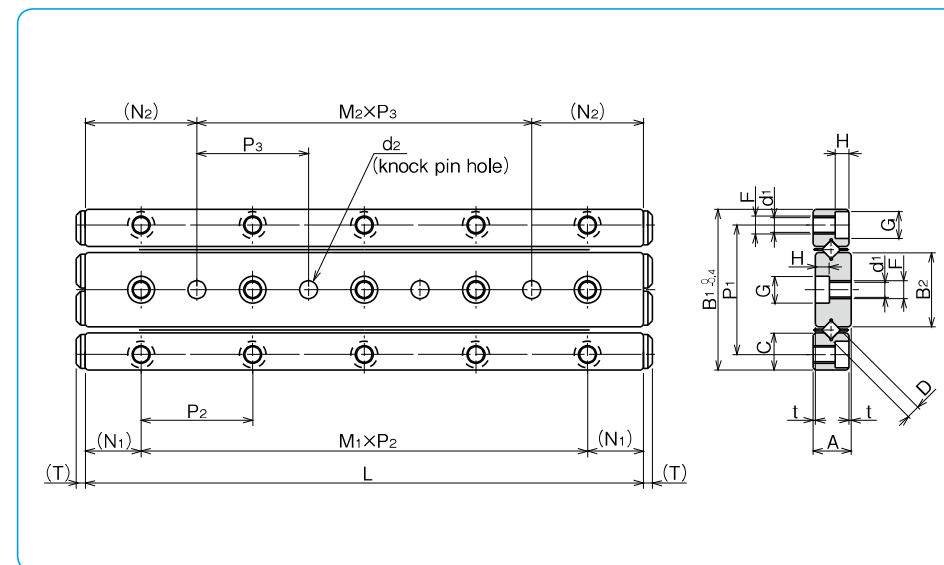
accuracy grade
blank: high
P: precision
UP: ultra precision

number of rollers

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

rail length

* 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	B1	B2	C	P1	M1×P2
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		5	30							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	7	50	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	7	80	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
N1	F	d1	G	H	M2×P3	N2	d2	T	dynamic C	static Co	load F	(one set) g	
mm	mm	mm	mm	mm	mm	mm	mm	mm	N	N	N		
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