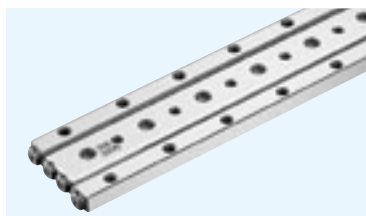


# SVW TYPE



## part number structure

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

specification  
**SVW**: standard  
**SVWS**: anti-corrosion

size

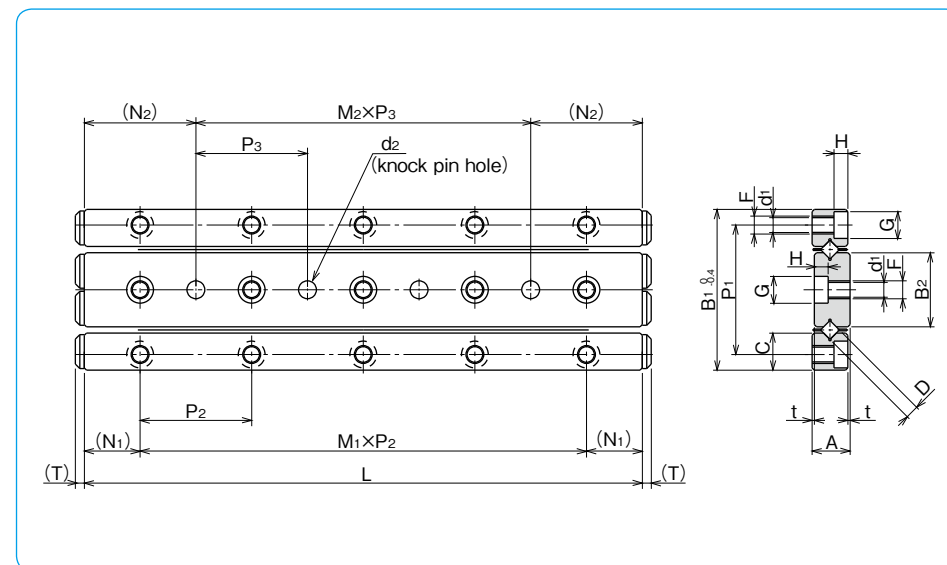
rail length

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 <sub>1</sub>	B <sub>2</sub>	C	P <sub>1</sub>	M <sub>1</sub> × P <sub>2</sub>
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
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
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						
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 <sub>1</sub>	F	d <sub>1</sub>	G	H	M <sub>2</sub> × P <sub>3</sub>	N <sub>2</sub>	d <sub>2</sub>	T	dynamic C	static Co	load F	(one set)	g	size	
mm	mm	mm	mm	mm	mm	mm	mm	mm	N	N	N				
5	M2	1.65	3	1.4	—	10	2 <sup>+0.010</sup> <sub>0</sub>	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		
					—				1,090	1,170	390	28	2030		
7.5	M3	2.55	4.4	2	1 × 15	15	3 <sup>+0.010</sup> <sub>0</sub>	1.2	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		
					—				3,490	3,890	1,290	94	3050		
					1 × 25				5,230	6,490	2,160	135	3075		
12.5	M4	3.3	6	3.1	2 × 25	25	4 <sup>+0.012</sup> <sub>0</sub>	2	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		
					—				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		
20	M5	4.3	8	4.2	3 × 40	40	5 <sup>+0.012</sup> <sub>0</sub>	2	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