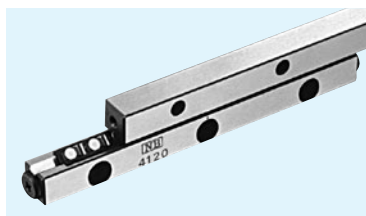


# NV TYPE

-NV1/NV2/NV3-



## part number structure

example **NVS 2 150-41Z-UP**

specification  
 NV: standard  
 NVS: anti-corrosion

size

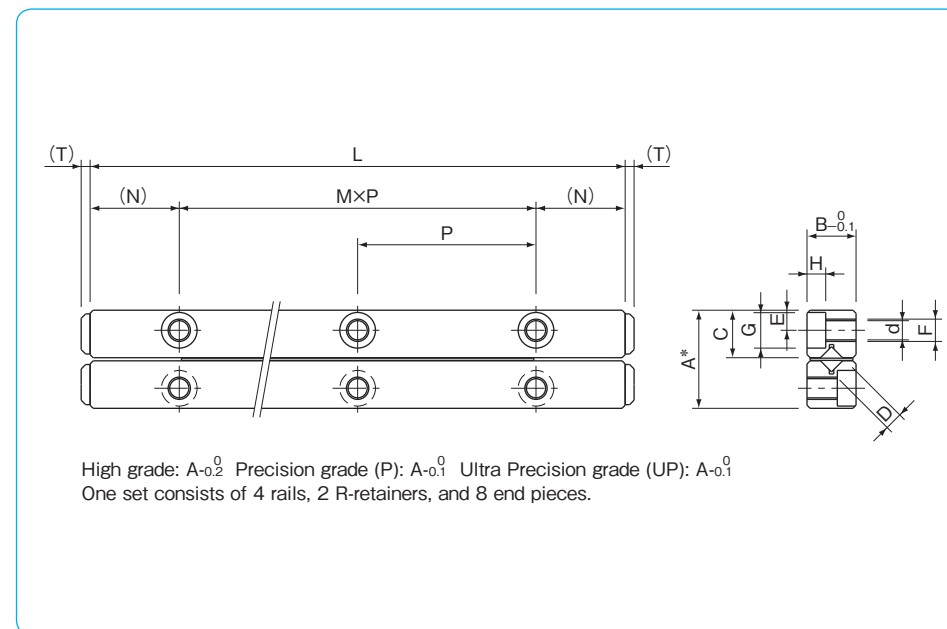
accuracy grade  
 blank: high  
 P: precision  
 UP: ultra precision

rail length

number of rollers

※Stainless steel rollers are used for anti-corrosion type.

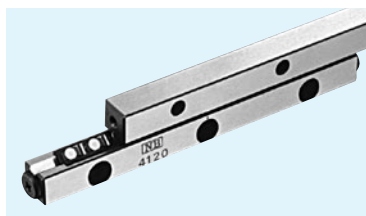
part number		stroke	roller diameter	number of rollers	L	A	B	C
standard	anti-corrosion	ST mm	D mm	Z	mm	mm	mm	mm
NV 1020- 5Z	NVS 1020- 5Z	12	1.5	5	20	8.5	4	4.03
1030- 7Z	1030- 7Z	23		7	30			
1040-11Z	1040-11Z	28		11	40			
1050-15Z	1050-15Z	34		15	50			
1060-19Z	1060-19Z	40		19	60			
1070-23Z	1070-23Z	45		23	70			
1080-27Z	1080-27Z	51		27	80			
NV 2030- 5Z	NVS 2030- 5Z	18		2	5			
2045- 9Z	2045- 9Z	25	9		45			
2060-15Z	2060-15Z	30	15		60			
2075-19Z	2075-19Z	40	19		75			
2090-23Z	2090-23Z	50	23		90			
2105-27Z	2105-27Z	65	27		105			
2120-33Z	2120-33Z	70	33		120			
2135-37Z	2135-37Z	80	37		135			
2150-41Z	2150-41Z	90	41		150			
2165-47Z	2165-47Z	95	47		165			
2180-51Z	2180-51Z	100	51		180			
NV 3050- 9Z	NVS 3050- 9Z	25	3	9	50	18	8	8.65
3075-13Z	3075-13Z	48		13	75			
3100-19Z	3100-19Z	60		19	100			
3125-23Z	3125-23Z	83		23	125			
3150-29Z	3150-29Z	90		29	150			
3175-35Z	3175-35Z	103		35	175			
3200-41Z	3200-41Z	113		41	200			
3225-43Z	3225-43Z	150		43	225			



major dimensions								basic load rating		allowable	mass	size
M x P	N	E	F	d	G	H	T	dynamic C	static Co	load F	(one set) g	
mm	mm	mm		mm	mm	mm	mm	N	N	N		
1 x 10	5	1.8	M2	1.65	3	1.4	0.8	734	849	283	9	1020
2 x 10								1,250	1,690	566	13	1030
3 x 10								1,720	2,540	849	18	1040
4 x 10								2,160	3,390	1,130	22	1050
5 x 10								2,560	4,240	1,410	26	1060
6 x 10								2,960	5,090	1,690	31	1070
7 x 10								3,330	5,940	1,980	35	1080
1 x 15								7.5	2.5	M3	2.55	4.4
2 x 15	2,330	3,050	1,010	49	2045							
3 x 15	3,990	6,110	2,030	62	2060							
4 x 15	4,740	7,630	2,540	74	2075							
5 x 15	5,460	9,160	3,050	91	2090							
6 x 15	6,160	10,600	3,560	103	2105							
7 x 15	6,830	12,200	4,070	120	2120							
8 x 15	7,490	13,700	4,580	132	2135							
9 x 15	8,130	15,200	5,090	149	2150							
10 x 15	9,370	18,300	6,110	161	2165							
11 x 15	9,970	19,800	6,620	174	2180							
1 x 25	12.5	3.5	M4	3.3	6	3.1	2	6,150	8,060	2,680	97	3050
2 x 25								8,440	12,100	4,030	140	3075
3 x 25								12,500	20,100	6,720	192	3100
4 x 25								14,400	24,200	8,060	245	3125
5 x 25								16,300	28,200	9,410	290	3150
6 x 25								19,800	36,300	12,100	337	3175
7 x 25								21,500	40,300	13,400	385	3200
8 x 25								23,200	44,300	14,700	434	3225

# NV TYPE

-NV4/NV6/NV9/NV12-



## part number structure

example **NV 6 200- 19Z -UP**

specification  
**NV:** standard  
**NVS:** anti-corrosion

size

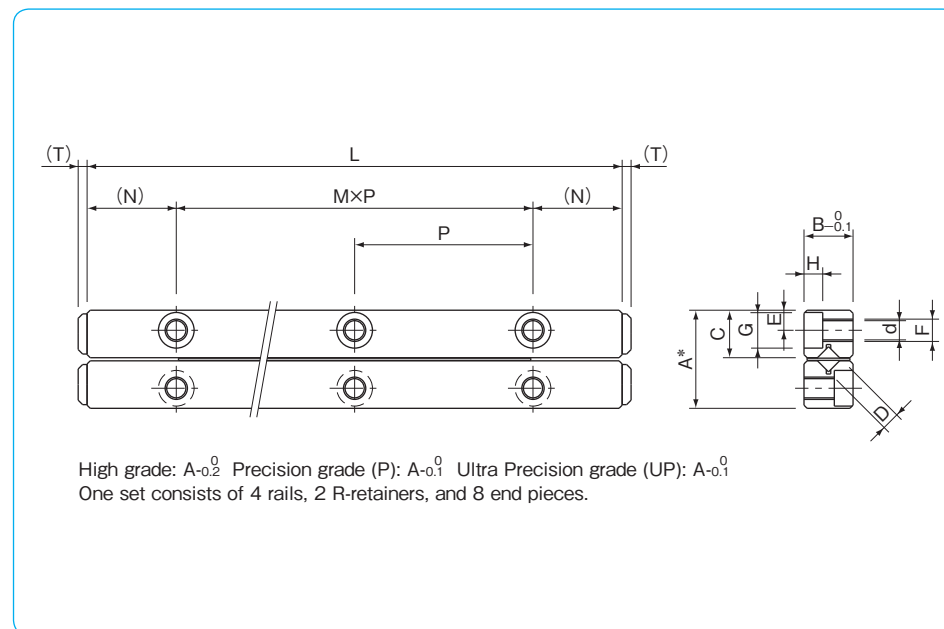
accuracy grade  
**blank:** high  
**P:** precision  
**UP:** ultra precision  
 The UP grade is not available for NV 12

number of rollers

rail length

※Stainless steel rollers are used for anti-corrosion type.

part number		stroke	roller diameter	number of rollers	L	A	B	C
standard	anti-corrosion	ST mm	D mm	Z	mm	mm	mm	mm
<b>NV4080- 9Z</b>	<b>NVS4080- 9Z</b>	60	4	9	80	22	11	10.65
<b>4120-17Z</b>	<b>4120-17Z</b>	75		17	120			
<b>4160-23Z</b>	<b>4160-23Z</b>	105		23	160			
<b>4200-29Z</b>	<b>4200-29Z</b>	130		29	200			
<b>4240-37Z</b>	<b>4240-37Z</b>	143		37	240			
<b>4280-43Z</b>	<b>4280-43Z</b>	170		43	280			
<b>NV6100- 9Z</b>	<b>NVS6100- 9Z</b>	63	6	9	100	31	15	15.15
<b>6150-15Z</b>	<b>6150-15Z</b>	85		15	150			
<b>6200-19Z</b>	<b>6200-19Z</b>	135		19	200			
<b>6250-25Z</b>	<b>6250-25Z</b>	158		25	250			
<b>6300-31Z</b>	<b>6300-31Z</b>	180		31	300			
<b>6350-35Z</b>	<b>6350-35Z</b>	230		35	350			
<b>6400-39Z</b>	<b>6400-39Z</b>	275	39	400				
<b>NV9200-13Z</b>	—	120	9	13	200	44	22	21.5
<b>9300-21Z</b>	—	170		21	300			
<b>9400-29Z</b>	—	220		29	400			
<b>9500-35Z</b>	—	300		35	500			
<b>NV12300-15Z</b>	—	180	12	15	300	58	28	28.5
<b>12400-21Z</b>	—	230		21	400			
<b>12500-27Z</b>	—	280		27	500			
<b>12600-31Z</b>	—	380		31	600			



major dimensions								basic load rating		allowable	mass	size
M×P	N	E	F	d	G	H	T	dynamic C	static Co	load F	(one set) g	
mm	mm	mm	mm	mm	mm	mm	mm	N	N	N		
1×40	20	4.5	M5	4.3	8	4.2	2	12,100	15,700	5,250	265	<b>4080</b>
2×40								20,700	31,500	10,500	400	<b>4120</b>
3×40								28,500	47,200	15,700	530	<b>4160</b>
4×40								32,100	55,100	18,300	660	<b>4200</b>
5×40								39,000	70,900	23,600	800	<b>4240</b>
6×40								45,600	86,600	28,800	930	<b>4280</b>
1×50	25	6	M6	5.2	9.5	5.2	3	29,600	37,500	12,500	650	<b>6100</b>
2×50								50,900	75,100	25,000	970	<b>6150</b>
3×50								60,600	93,900	31,300	1,300	<b>6200</b>
4×50								69,800	112,000	37,500	1,620	<b>6250</b>
5×50								87,400	150,000	50,100	1,940	<b>6300</b>
6×50								95,800	169,000	56,300	2,360	<b>6350</b>
7×50								104,000	187,000	62,600	2,780	<b>6400</b>
1×100	50	9	M8	6.8	10.5	6.2	4	96,100	128,000	42,600	2,720	<b>9200</b>
2×100								143,000	213,000	71,100	4,080	<b>9300</b>
3×100								186,000	298,000	99,500	5,440	<b>9400</b>
4×100								226,000	384,000	128,000	6,790	<b>9500</b>
2×100								228,000	317,000	105,000	6,770	<b>12300</b>
3×100	271,000	397,000	132,000	9,040	<b>12400</b>							
4×100	352,000	555,000	185,000	11,300	<b>12500</b>							
5×100	391,000	635,000	211,000	13,560	<b>12600</b>							

1N≒0.102kgf