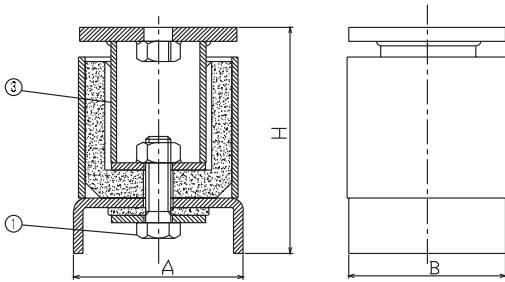
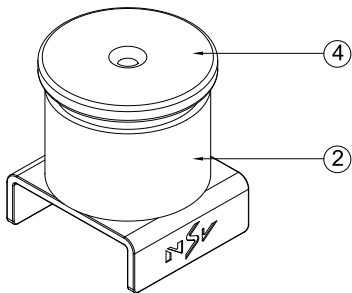


RPA Pipe Anchor & Guide (Deflection : 3~9mm)



■ Features

With a highly-elastic resilient element inside the steel housing, the product is used as a guide to reduce the stress generated by thermal expansion between floors during the expansion and contraction of vertical pipes and as an anchor to isolate structure-borne noise in both vertical and horizontal directions that has resulted from changes in the fluid pressure. Though the anchor and guide can reduce the amount of noise transferred, they are not elastic enough to isolate the vibration. In such a case, the spring isolated riser system is used to isolate noise as well as vibration. To use the product as a guide, the SRM anti-vibration rubber besides RPA type anchor can be used.

■ Usage

For the anchor and guide used to isolate structure-borne noise from vertical pipe.

■ Specification

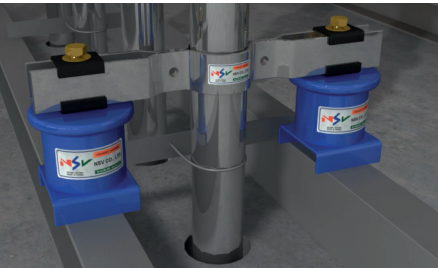
No.	Name of Components	Material	Standard
1	Connection Bolt	SS400	KS B 1002
2	Lower Housing	SS400	KS D 3503
3	Resilient Element	CR	KS M 6617
4	Upper Housing	SPCD	KS D 3512

■ Dimension & Selection Guide

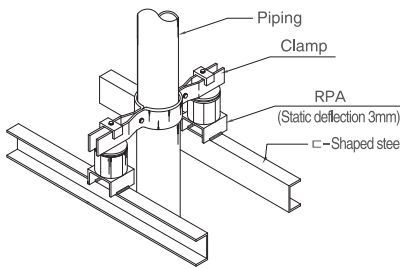
Type	Capacity (kgf)	Deflection (mm)	Dimension(mm)			
			A	B	H	Setting Bolt
RPA-75	250	3	83	75	97	M12
RPA-200	1500	5	108	100	122	M16
RPA-350	6000	7	150	140	162	M16
RPA-600	14000	7	230	216	230	M20
RPA-800	22000	9	280	270	263	M24

(NOTE) The mentioned size and scale can be altered to improve the quality performance and capacity of the product without any notice.

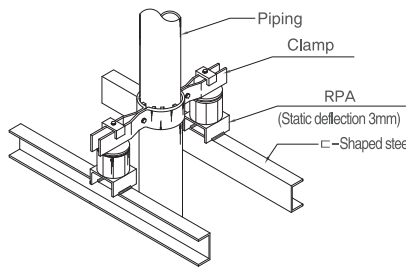
■ Installation Features



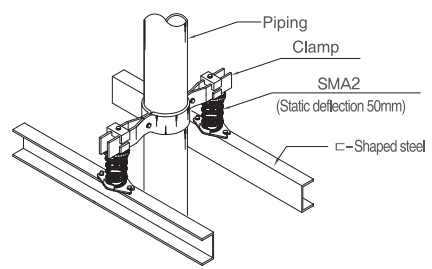
RPA Pipe Anchor & Guide (Deflection : 3~9mm)



Detailed drawing of pipe anchor

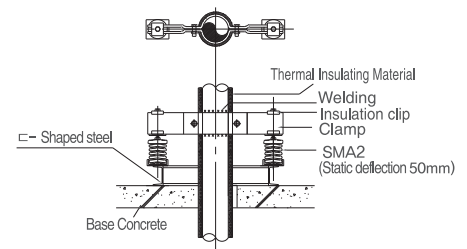
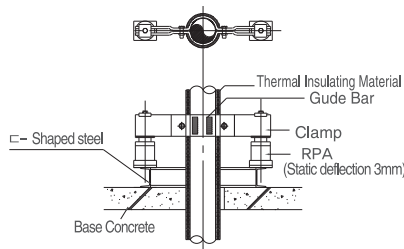
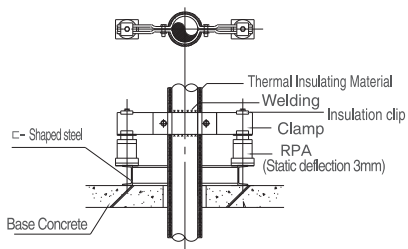


Detailed drawing of pipe guide



Detailed drawing of pipe spring

INSTALLATION DETAIL



Detailed drawing of pipe anchor

Detailed drawing of pipe guide

Detailed drawing of pipe spring

〈 Note 〉

- ㉑: STRAIGHT PIPE: The length between a Guide and Guide D(m)
- ㉒: OFFSET PIPE: The length between a Anchor and Guide D(m)
- ㉓: The length between a Guide and Expansion Joint D(m)
- ㉔: The length between the first Guide and the second Guide D(m)

■ RPA Anchor & Guide Selection

Pipe diameter (A)	Anchor Recommendation Size				GUIDE Recommendation Size							
	EXPANSION THRUST		OFFSET THRUST		GUIDE SIZE	STRAIGHT PIPE		OFFSET PIPE		EXPANSION JOINT		
	12Kg/ cm ² 이하	12~24Kg/ cm ²	OFFSET(m)	Size		㉑	㉒	㉑	㉒	㉓	㉔	㉕
25	RPA 75	RPA 75	0.20	RPA 75	RPA 75	② 12	① 7	② 7	① 7	0.2	① 0.6	3.6 ① 3.6
32	75	75	0.25	75	75	12	7	7	7	0.2	0.6	3.6 3.6
40	75	75	0.27	75	75	12	7	7	7	0.25	0.9	3.6 3.6
50	75	75	0.29	75	75	② 12	② 7	② 7	② 7	0.25	0.9	3.6 ② 3.6
65	RPA 75	RPA 200	0.33	RPA 75	RPA 75	12	9	11	11	0.3	1.0	3.6 3.6
80	75	200	0.37	75	75	12	11	11	11	0.3	1.0	5.1 4.2
100	200	200	0.42	75	75	12	11	11	11	0.4	1.4	7.5 5.7
125	200	200	0.45	75	75	② 15	② 11	② 11	② 11	0.6	2.0	9.0 ② 6.9
150	RPA 200	RPA 350	0.50	RPA 200	RPA 200	15	11	15	15	0.6	2.0	11.1 8.1
200	350	350	0.56	200	200	15	15	15	15	0.76	2.8	13.5 9.9
250	350	350	0.64	200	200	18	18	18	18	1.0	3.6	17.4 12.6
300	350	600	0.69	350	200	② 22	② 22	② 22	② 22	1.2	4.3	18.0 ② 14.4
350	RPA 350	RPA 600	0.72	RPA 350	RPA 350	26	26	26	26	1.4	5.0	21.0 15.3
400	350	600	0.78	350	350	26	26	26	26	1.6	5.7	23.0 16.8
450	600	800	0.83	350	350	26	26	26	26	1.8	6.4	26.0 18.3
500	600	800	0.87	350	350	② 36	② 26	② 26	② 26	2.0	7.1	27.0 ② 19.5
600	RPA 800	Special type	-	RPA 600	RPA 350	36	36	36	36	2.4	8.5	31.0 22.5
650	800		-	600	600	36	36	36	36	3.0	10.0	32.0 25.5
700	800		-	600	600	36	36	36	36	3.0	10.0	32.0 25.5
750	800		-	600	600	② 36	② 36	② 36	② 36	3.0 ①	10.0	32.0 ① 25.5