

Sway Bracing (Lateral)



● System components

- ① ND-30 A/B (structure attachment)
- ② ND-20 (pipe clamp)
- ③ ND-10 A/B (adapter)
- ④ NP-25A/32A Sch. #40 pipe
- ⑤ M12 seismic anchor bolt

● Slenderness ratio (L/r) : Less than 300mm (L: System length, r : Min. rotation radius)

● Min. embedment depth of anchor bolt : 50mm

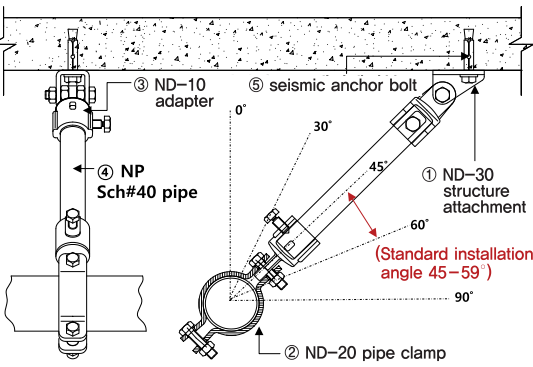
● ND-30 A/B



● ND-20



● ND-10 A/B



● Installation Standards

- 1) Lateral sway bracing shall be provided on all feed and cross mains regardless of size and all branch lines and other piping with a diameter of 65 mm and larger.
- 2) Spacing shall not exceed a maximum interval of 12m and the distance between the last brace and the end of the pipe shall not exceed 1.8 m.

● Rated load per pipe diameter and installation angle

Model name	Pipe diameter	Rated load per installation angle (N)				KFI Certificate No.
		30°	45°	60°	90°	
ND-H-32	32A	2,224	3,145	3,852	4,448	Beotim 18-34
ND-H-40	40A					
ND-H-50	50A	3,558	5,032	6,163	7,117	Beotim 17-38
ND-H-65	65A					
ND-H-80	80A					
ND-H-100	100A	4,481	6,337	7,762	8,963	
ND-H-125	125A					
ND-H-150	150A					
ND-H-200	200A					