

Q·kanは低損失水頭型のフォーム。 Q-Kan has low head loss designed form

流水はいつもスムーズ。
Water flow is always smooth

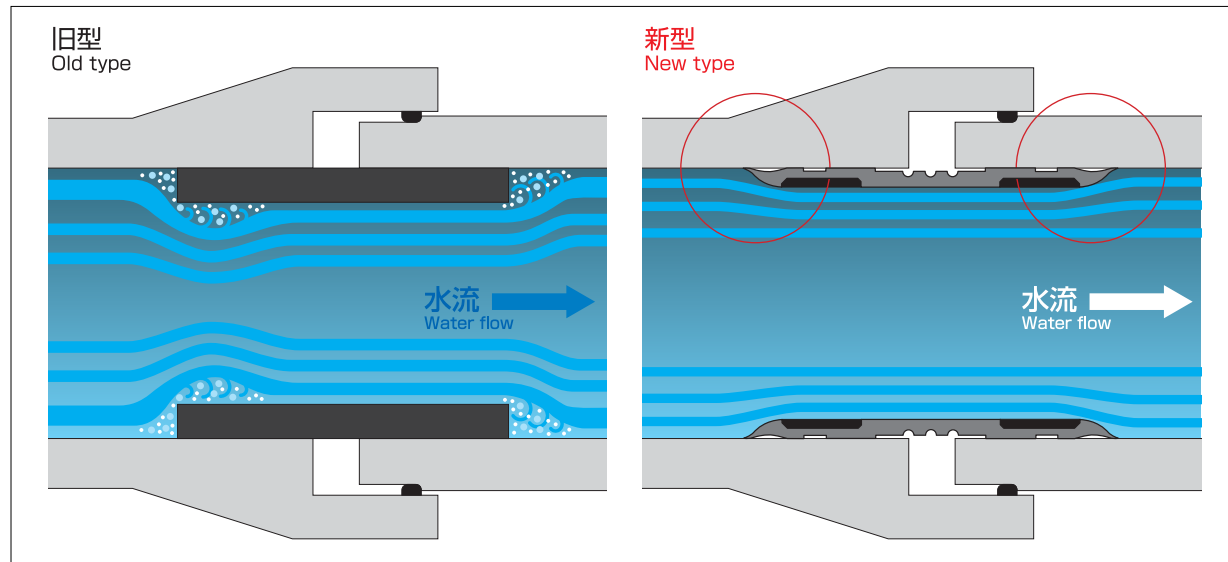
特徴 Characteristics

1. 止水構造は20年・2万個の実績。20 years and 20,000 pieces supply recorded water stopping structure
2. 形状は平滑で薄いペルマウス形状で低損失。Low head loss with smooth and thin bell mouthed shape
3. 形状は意匠登録済み。Registered design shape



急縮・急拡から漸縮・漸拡への進化で低損失水頭を実現。

The evolution from rapid contraction and expansion to gradual made low head loss possible



●内面バンド型式別損失係数表

Loss coefficient table of internal surface band type

損失水頭=損失係数×(内面バンド内径の速度水頭)

Water head loss = Loss coefficient × (Velocity head of internal surface band internal diameter)

型式 Model type	標準型 Standard type			伸縮型 Expansion type			外水圧型 External pressure type	ステンレス管接合型 Stainless pipe connection type		
	幅 Width	460	390	320	800	600	400	250	150	130
厚み Thickness	22mm	20mm	20mm	22mm	22mm	20mm	22mm	22mm	22mm	20mm
口径 Diameter	600	0.031	0.026	0.025	0.037	0.033	0.026	0.028	0.027	0.022
	700	0.023	0.020	0.019	0.027	0.025	0.020	0.021	0.020	0.017
	800	0.018	0.015	0.015	0.021	0.018	0.015	0.017	0.016	0.013
	900	0.015	0.012	0.012	0.017	0.016	0.012	0.013	0.013	0.011
	1,000	0.012	0.010	0.010	0.017	0.013	0.010	0.011	0.011	0.009
	1,100	0.010	0.008	0.008	0.014	0.011	0.009	0.009	0.009	0.008
	1,200	0.009	0.007	0.007	0.012	0.009	0.007	0.008	0.008	0.007
	1,350	0.007	0.006	0.006	0.010	0.007	0.006	0.007	0.006	0.005
	1,500	0.006	0.005	0.005	0.008	0.006	0.005	0.006	0.005	0.005
	1,650	0.005	0.004	0.004	0.007	0.005	0.004	0.005	0.005	0.004
	1,800	0.004	0.004	0.004	0.006	0.005	0.004	0.004	0.004	0.003
	2,000	0.003	0.003	0.003	0.005	0.004	0.003	0.003	0.003	0.003
	2,100	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.003
	2,200	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002
	2,300	0.003	0.002	0.002	0.003	0.003	0.002	0.003	0.003	0.002
	2,400	0.003	0.002	0.002	0.003	0.003	0.002	0.003	0.002	0.002
	2,500	0.003	0.002	0.002	0.003	0.003	0.002	0.002	0.002	0.002
	2,600	0.002	0.002	0.002	0.003	0.002	0.002	0.002	0.002	0.002
	2,700	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
	2,800	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
2,900	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	
3,000	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	
3,100	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	
3,200	0.002	0.001	0.001	0.002	0.002	0.001	0.002	0.002	0.001	

開水路型伸縮継手

Open channel type expansion joint

伸縮量60mm、内外水圧0.1MPa対応の耐震継手

Earthquake resistant joint with movement range 60mm, up to 0.1Mpa internal and external pressure

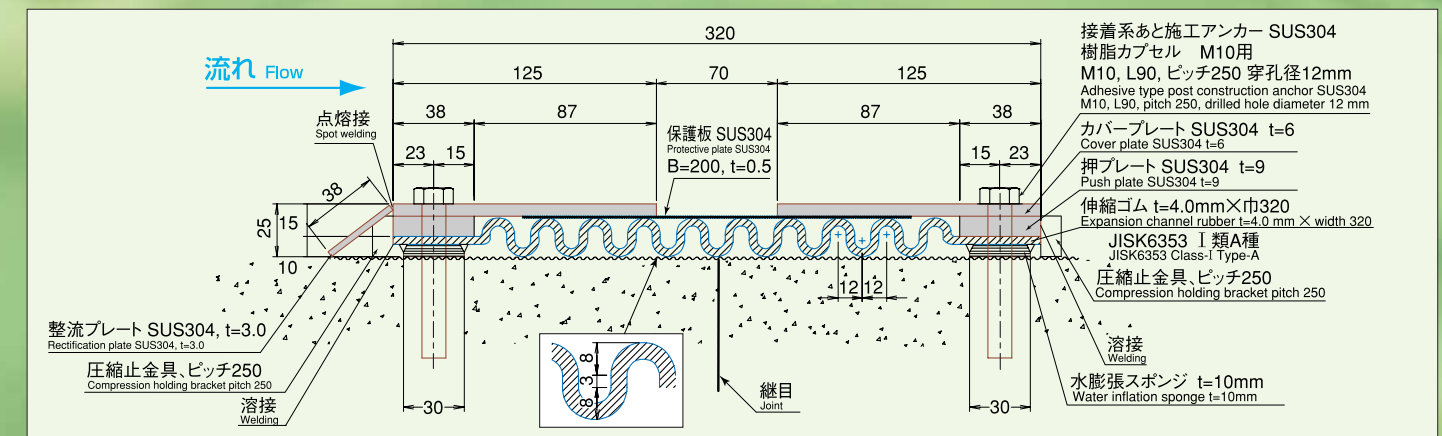
1 開水路型伸縮継手試験 Open channel type expansion joint test



2 トランジション原寸模型 Transition full scale model



3 標準断面図 Standard cross section diagram



4 複雑な形状のトランジション設置例 Complex shape transition installation example

