

For absorbing concentrated pipe movement

NOTE: See Page 2 for Style 63 ordering information

24.000

Style 63 Expansion Joints

Dresser offers the broadest line of **Style 63 Expansion Joints** including single-end (Type 1 and Type 3 shown below), and double-end (Type 2 & 4), limited-movement types, flanged, lock coupled, or weld ends. Aggressive wear and pipe wall failure caused by fatigue of the convoluted surfaces present in rubber accordion or metal bellows types is eliminated with Dresser expansion joints. There is no need for expensive pipe loop systems.

Dresser expansion joints are built to order and are available up to 120" in diameter. Provided with rugged welded steel construction, the Style 63 is available in stainless or carbon steel, monel or other alloys for special applications. Single-end expansion joints permit up to 10" of concentrated pipe

Materials of Construction

Body: AISI C1006, C1010, C1015, C1025 or ASTM A513

Carbon Steel

Follower: AISI C1012, C1021, ASTM A20 or A36 Carbon

Stee

Slip Pipe: Chrome plated

Tail Pipe: AISI C1006, C1010, C1015, C1025 or ASTM A513

Carbon Steel

Bolts & Nuts: ANSI/AWWA C111/ANSI A21.11

Packing: Standard packing is alternate rings of Buna-S and

565

lubricating split jute

movement. Larger amounts of movement are available per application.

Special packing and lubrication requirements are custom-matched to specific fluid processes or application requirements. Temperature ratings to 800°F and pressure ratings to 1200 psi.

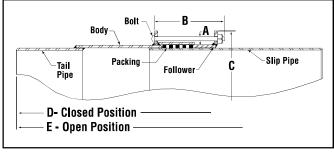
Available with Dresser AL-CLAD™ coating for optimum protection against aggressive water conditions and for handling brine, brackish water, coke oven gas, petroleum and other line content.

Style 63 Type 1 Sizes and Specifications

Pipe Nominal Size (In)	Outside Diameter (OD)	Bolts No./Diam. x Length (A&B)	Overall Dimensions		Weight Per
			Diam. (C)	Length (D) (E)	Joint (Lbs)
3 4 5	3.500 4.500 5.563	4–5/8 x 11 4–5/8 x 11 4–5/8 x 11	8-1/2 9-1/2 10-5/8	CONS	65 75 110
6 8	6.625 8.625	6–5/8 x 11 6–5/8 x 11	11-3/4 13-3/4	ULT F/	130 180
10 12	10.750 12.750 14.000	8–5/8 x 11 8–5/8 x 11 8–5/8 x 11	15-7/8 17-7/8 19-1/2	ACTORY PI	250 315 340
	16.000 18.000 20.000 22.000	10–5/8 x 11 10–5/8 x 11 12–5/8 x 11 14–5/8 x 11	21-1/2 23-1/2 25-1/2 27-1/2	CONSULT FACTORY PER ORDER	380 415 470 525

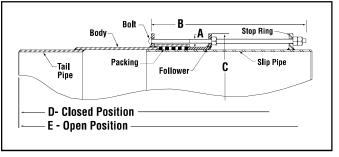
Style 63 Type 3 Sizes and Specifications

Pipe Nominal Size (In)	Outside Diameter (OD)	Bolts No./Diam. x Length (A&B)	Overall Dimensions		Weight Per
			Diam. (C)	Length (D) (E)	Joint (Lbs)
3 4 5	3.500 4.500 5.563	4–5/8 x 24 4–5/8 x 24 4–5/8 x 24	8-1/2 9-1/2 10-5/8	CONS	80 90 125
6 8	6.625 8.625	6–5/8 x 24 6–5/8 x 24	11 - 3/4 13 - 3/4	ULT F/	155 205
10 12	10.750 12.750 14.000	8–5/8 x 24 8–5/8 x 24 8–5/8 x 24	15-7/8 17-7/8 19-1/2	CONSULT FACTORY PER	285 350 385
	16.000 18.000 20.000 22.000 24.000	10–5/8 x 24 10–5/8 x 24 12–5/8 x 24 14–5/8 x 24 14–5/8 x 24	21-1/2 23-1/2 25-1/2 27-1/2 29-1/2	ER ORDER	430 470 530 590 635



14-5/8 x 11

Type 1 is a single-end expansion joint permitting up to 10" of concentrated pipe movement. Standard packing consists of alternate layers of split resilient sealing rings and jute lubricating rings. Other packing for special conditions can be supplied.



Type 3 is a single-end expansion joint equipped with a limited movement feature to limit the maximum amount of pipe withdrawal. Slip pipes are regularly furnished for Type 3 expansion joints.