Flange-Lock® Mechanical Joint Coupling FCA Body Only

923

IMPORTANT LINKS

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Description: Flanged x MJ coupling adapter body.

Application: Combines with standard mechanical joint restraint, MJ gaskets, and t-bolts to produce a flanged coupling adapter with restraint.

Key Features:

- Adapter body allows pipe to completely pass through for easier installation. *The pass through feature is not available with raised-face flanges*
- Use with the Multi-Seal Gasket for more flexibility in nominal sizes 4"-12"
- Coupling is rated to a 150 PSI working pressure with a 2:1 safety factor
- Longer sleeves available

Materials Specifications (subject to change):

SLEEVE: ASTM A36 A283 Gr. C or Carbon Steel having a minimum yield of 30,000 PSI

FLANGE: *AWWA C207 Class D, ANSI 150 lb. drilling. Flat face

FINISH: Flexi-Coat®, Fusion-Bonded epoxy

Pipe Applications: PVC, Steel, and Ductile iron

Sizes (in inches): 3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 24, 30, 36, 42, 48. (36" PVC: 125 PSI)

Working Pressure: 4-24" at PVC pressure rating of up to 250 PSI.; 30" 150 PSI ; 36" 125 PSI.

Deflection: Assembled joints into each follower gland through 12" shall allow for 5 degree deflection, 2 degrees 14" through 24", 1.5 degrees 18"-24", 1 degree 30"-48".

NOTE: *300 lb. flanges available for 300 PSI applications. For other flanges, contact Smith-Blair for specific details and pricing. The pass-through feature may not be available with some flanges. 300 PSI rating is limited to series 911 on Ductile Iron pipe only though 16". All 18"-48" 911 on Ductile Iron pipe applications will be limited to 250 PSI. All 911 on Steel pipe 3"-12" and all 920 on PVC applications through 24" will be limited to 250 PSI, 150 PSI on 30" and 125 PSI on 36".

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NOM. PIPE SIZE (IN.)	O.D. RANGE (IN.)	NOM. FLANGE RANGE (IN.)	CATALOG NUMBER	WEIGHT EACH (LBS)	DIMENSIONS/INCHES			
					NEED TITLE	C	D	E2
14	15.30	14	923-00001400-000	111	21.00	15.50	7.88	3.00
16	17.40	16	923-00001600-000	134	23.50	17.59	7.88	3.00
18	19.50	18	923-00001800-000	149	25.00	19.69	7.88	3.00
20	21.60	20	923-00002000-000	175	27.50	21.78	7.88	3.00
24	25.80	24	923-00002400-000	229	32.00	26.00	7.88	3.00
30	32.00	30	923-00003000-000	373	38.75	32.20	11.33	3.00
36	38.30	36	923-00003600-000	523	46.00	38.50	11.33	3.00
42	44.50	42	923-00004200-000	742	53.00	44.70	11.33	3.00
48	50.80	48	923-00004800-000	912	59.50	51.00	11.33	3.00

1 Overall with twist-off nuts removed
2 Minimum pipe insertion from flange face
3 Maximum deflection achieved at minimum pipe insertion
Other sizes and sleeve lengths (D) available