

Style 175 Meter /Curb Valve



With Universal 90 Compression Ends - For Steel x Steel, Steel x P.E. and P.E x P.E Connections

- Permanently lubricated at the factory for maintenance-free service
- Low operating torque - No plug "freezing"
- 100% shut-off; 360° or 90° Open Left operation
- Features a superior tamper-proof design
- No leakage to the atmosphere
- One valve covers full pressure range



The design of the Dresser® Style 175 gas service valve utilizes two complementary sealing principles which work together to assure positive shut-off at all rated working pressures to 150 psig. The oil-tempered steel spring exerts a constant force on the tapered plug and seal inserts, providing a seal against low line pressure. At higher pressures, this spring load is supplemented through a unique design which employs line pressure to exert an additional positive sealing force. As line pressure is increased, greater sealing force on the elastomeric seals is produced causing the valve to remain gas tight at all working pressures within its recommended working range.

Compression-end '175' valves employ the Universal 90 locking design to create a positive pipe restraint on both ends. For use in gas service renewals with polyethylene pipe, the Style 175 is

available with 90 x 501 SEAL-PLUS™ compression ends, and 501 x 501 with shield nuts for P.E. tubing protection.

The Style 175 valve is assembled at the factory and sealed against tampering by a spring loaded stainless steel retaining ring which cannot be removed with ordinary tools. It is tamper proof as specified in D.O.T. 192.363 Part C.

Low Operating Torque

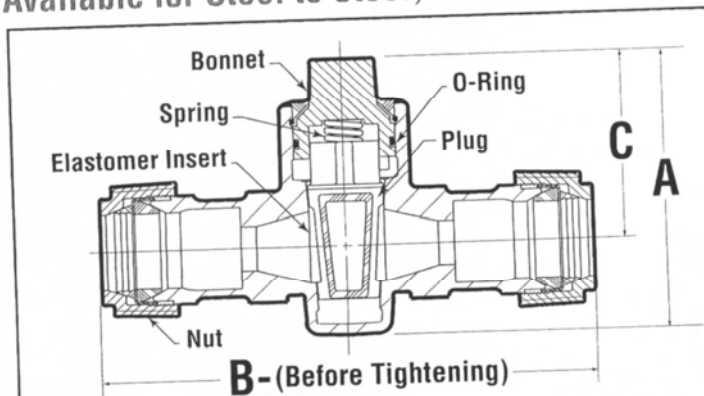
A plastic ring inserted between the retaining ring and bonnet, plus permanently lubricated port seals, assure low, uniform operating torque, preventing the plug from freezing to the body.

100% Tested

Each valved is tested at high and low pressure while in a clear non-corrosive fluid.

Style 175 Meter/Curb Valve Specifications (With Universal 90 Compression Ends)

Available for Steel to Steel, Steel to P.E. and P.E. to P.E. - Seal & Restraint



Material Specifications

- Body and Bonnet:** Cast gray iron - ASTM A126 Class B (Semi-Steel)
- Plugs:** 3/4", 1", 1-1/4" and 1-1/2": Aluminum Alloy
- Plug 2":** Cast gray iron - ASTM A126 Class B (Semi-Steel)
- Elastomer Seal Inserts:** Elastomer, bonded to C-1018 Steel Plate
- Retainer Ring:** Type 304 Stainless Steel
- Plastic Friction Ring:** Polypropylene
- Bonnet Seal "O" Ring:** Buna S for gas service
- Spring:** Oil-tempered steel to ASTM A-229 specifications

Style 175 Meter Valve with 90 Compression Ends

Pipe	Nominal Size (I.D.) (In.)	Outside Diameter (O.D.) (In.)	SDR	A	B	C
Steel X Steel	3/4	1.050	-	5	8 ³ / ₄	3 ¹ / ₁₆
	1	1.315	-	5	9 ¹ / ₂	3 ⁷ / ₈
	1 1/4	1.660	-	6	9 ³ / ₄	3 ⁷ / ₈
	1 1/2	1.900	-	6	10 ¹ / ₂	4 ⁷ / ₃₂
	2	2.375	-	7	10 ³ / ₄	4 ¹ / ₂
Steel X P.E.	3/4	1.050	11	5	8 ³ / ₄	3 ¹ / ₁₆
	1	1.315	9.3	5	9 ¹ / ₂	3 ⁷ / ₈
	1	1.315	11	5	9 ¹ / ₂	3 ⁷ / ₈
	1 1/4	1.660	9.3	5	9 ³ / ₄	3 ⁷ / ₈
	1 1/4	1.660	10	6	9 ³ / ₄	3 ⁷ / ₈
and	1 1/4	1.660	11	6	9 ³ / ₄	3 ⁷ / ₈
	1 1/4	1.660	11	6	9 ³ / ₄	3 ⁷ / ₈
P.E. X P.E.	1 1/2	1.900	11	6	10 ¹ / ₂	4 ⁷ / ₃₂
	2	2.375	9.3	7	10 ³ / ₄	4 ¹ / ₂
	2	2.375	9.3	7	10 ³ / ₄	4 ¹ / ₂

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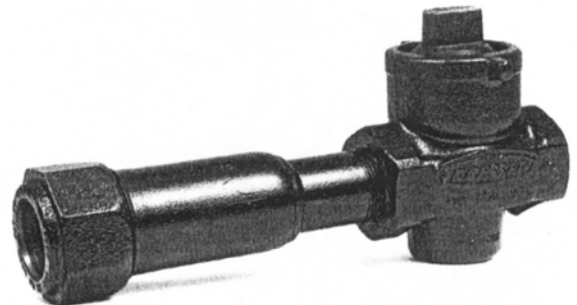
Style 175 with Universal 90 x 501, and 501 x 501 End Configurations

	Style 175 90 Compression x 501 w/Shield Nut					
	Pipe	Nominal Size (In.)	P.E. Tubing Size (O.D.) (In.)	A Overall Height	B Overall Length	C Center to Top
	Steel X P.E.	3/4 1 1-1/2	3/4 IPS x 5/8 1 IPS x 1-1/8 1-1/2 IPS x 1-3/8	4-13/16" 5-5/16" 5-13/16"	9-5/8" 12-5/8" 12-5/8"	3-1/16" 3-7/8" 4-7/32"
	Style 175 with 501 Seal-Plus Ends w/Shield Nuts					
	Pipe	Nominal Size (In.)	P.E. Tubing Size (O.D.) (In.)	A Overall Height	B Overall Length	C Center to Top
	P.E. X P.E.	1/2 1	5/8 x 5/8 1-1/8 x 1-1/8	4-13/16" 5-5/16"	11-7/8" 12-5/8"	3-1/16" 3-7/8"

Style 175 "Cut-In" Valve

The Dresser® Style 175 Cut-In Valve permits easy replacement of existing threaded or compression end curb valves as well as installation in service lines without curb valves. Utilizing the same sealing principle as the other '175' valves, the "Cut-In" 175 provides top performance from inches of water column to 175 psi.

Available with FIPS x Compression and Compression x Compression Universal ends, the "Cut-In" 175 valve is thoroughly tested at high and low pressure prior to shipment.



	Style 175 Cut-In Compression x Compression			
	Nom. Size (in.)	A Length	B Cut-In Adapter Depth	C Pipe Entrc. Dpth.
	3/4" 1" 1-1/4" 1-1/2" 2"	14-1/4" 14-1/2" 14-3/4" 15-1/4" 15-3/4"	5 5 5 5 5	2-1/2" 2-3/4" 2-3/4" 2-3/4" 2-3/4"
	Style 175 Cut-In FIPS x Compression			
	Nom. Size (in.)	A Length	B Cut-In Adapter Depth	
	3/4" 1" 1-1/4" 1-1/2" 2"	10-1/2" 11-1/8" 12-3/8" 12-3/4" 13-1/4"	5 5 5 5 5	