

Model-1 Short Weld End Valve

Natural Gas Valve

Features

- Absolutely No Maintenance
- No Gland Tightening
- No Lubrication
- No Adjustment Of Any Kind
- Standard Welding Practices Apply
- Full Opening – No Significant Pressure Drop
- Lowest Operating Torque in The Industry
- Steel – Safety
- Directional Solidification Weld Ends Meeting Rigid Code requirements
- Seat Test @ 110% of Rated Pressure, Shell Test @ 150% of Rated Pressure
- Patented Packing – No Environmental Leaking
- Back Seat – Full Containment Of Pressure Below Packing – No Environmental Leakage
- Patented Design



Specifications

- 2 Inch Operation Square Malleable Iron
- Buna “N” “O” Rings And “V” Rings
- Brass Packing Actuator
- Steel Packing Gland Cover
- Steel Bonnet ASTM A-216 Grade WCB
- Stainless Steel Stem
- Alloy Steel Cap Screws – ASTM A-574
- Soft Iron Bonnet Gasket (Refinery Gasket – Fire Proof)
- Steel Body – ASTM A-216 Grade WCB

Ordering Code Table - 285 PSI

Size (in)	Valve No.	Pressure		Approx. Weight
		150 ANSI	285 MOP	
2	1WS2	150 ANSI	285 MOP	24 lb
3	1WS2	150 ANSI	285 MOP	36 lb
4	1WS2	150 ANSI	285 MOP	50 lb
6	1WS2	150 ANSI	285 MOP	101 lb

NOTE: Valves built prior to July 10, 2006 have Class 150 API, 275 MOP rating.

Ordering Code Table - 500/740 PSI

Size (in)	Valve No.	Pressure		Weight
		300 ANSI	740 MOP	
1	1SO7	300 ANSI	740 MOP	9 lb
1	1WS7	300 ANSI	740 MOP	9 lb
1-1/4	1WS7	300 ANSI	740 MOP	9 lb
2	1WS5		500 WOG	24 lb
3	1WS5		500 WOG	35 lb
4	1WS5		500 WOG	50 lb
6	1WS5		500 WOG	101 lb

NOTE: Valves built prior to July 10, 2006 have Class 300 API, 720 MOP rating.

Dimensions

Size (in)	End to End (in)	C/L to Top (inches)	Number of Turns	Temp (Fahr)
1-1/4	5	6-3/4	5-3/4	- 30 degrees to 200 degrees
2	7	8-3/4	7-1/4	
3	8	10-7/16	10-1/4	
4	9	12-11/16	13-1/4	
6	10-1/2	16-7/16	19-3/4	

Note: Bonnet material malleable iron on sizes 2 inch thru 6 inch
Bonnet material steel on sizes 1 and 1-1/4 inches.