

# Model-1 Weld By Flange – 500 WOG / 740 MOP 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 for 500 PSI

Size (in)	Valve No.	Pressure	Approx. Weight
2	1F5WL	500 WOG	32 lb
3	1F5WL	500 WOG	58 lb
4	1F5WL	500 WOG	78 lb
6	1F5WL	500 WOG	146 lb

## Ordering Code Table for 740 PSI

Size (in)	Valve No.	Pressure		Approx. Weight
2	1F7WL	300 ANSI	740 MOP	32 lb
3	1F7WL	300 ANSI	740 MOP	59 lb
4	1F7WL	300 ANSI	740 MOP	84 lb
6	1F7WL	300 ANSI	740 MOP	160 lb
8	1F7WL	300 ANSI	740 MOP	264 lb
10	1F7WL	300 ANSI	740 MOP	467 lb
12	1F7WL	300 ANSI	740 MOP	612 lb
16	1F7WL	300 ANSI	740 MOP	1815 lb

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

## Dimensions

Size (in)	End to End (in)	C/L to Top (in)	Number of Turns	Temp (Fahr)
2	8-1/2	8-3/4	7-1/4	- 30 degrees to 200 degrees
3	11-1/8	10-7/16	10-1/4	
4	12	12-11/16	13-3/4	
6	15-7/8	16-7/16	19-3/4	
8	16-1/2	20-1/4	26-1/4	
10	18	27	21-3/4	
12	19-3/4	30-3/4	25-3/4	
16	33	41-3/8	69	

Higher temperature packing available on request.

