

# W80 Series Stem Flush Valve

## Application

W80 Series valves utilize a stem flush adapter to provide a liquid or steam barrier around the valve stem. All actuator, body configurations, valve seat and control module options available for W60 Series valves are available for the W80\*. In addition, the W80 flush adapter is interchangeable with the standard adapter, maintaining W60 dimensions.

\*Refer to DS-1201 for all technical specifications on W80 series valves.

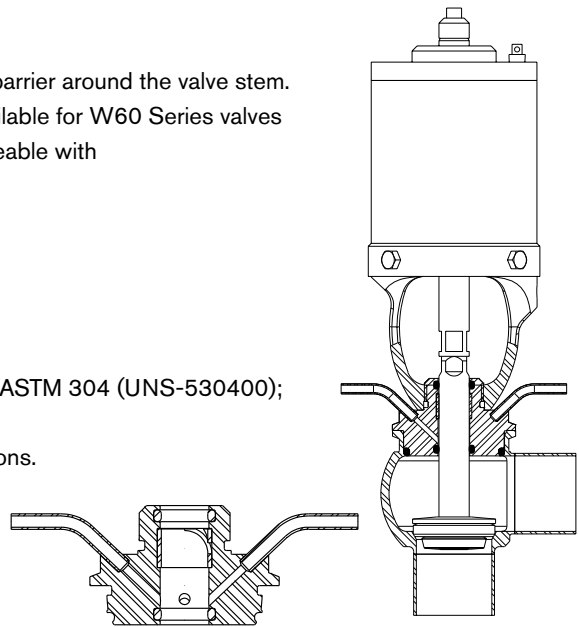
## Materials

Product Wetted: ASTM 316L (UNS-531603); (DIN-1.4404) Non-Product: ASTM 304 (UNS-530400); (DIN-1.4301)

Seat Material: Tel-Flow.™ (Std) See Page 2 for other available seat options.

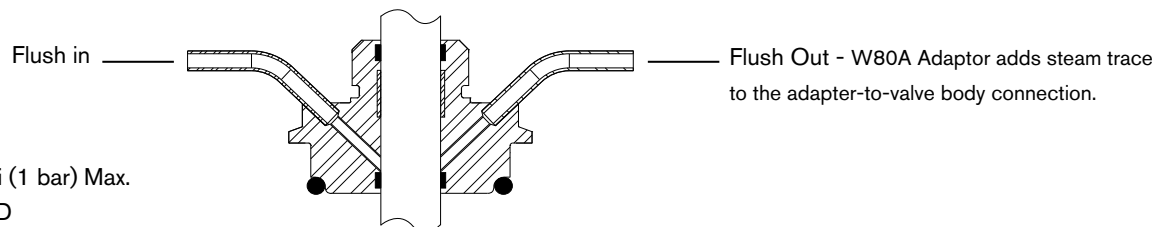
Elastomers: EPDM (Std) Fluorelastomer (FKM) (Opt)

Finish: <32Ra (<0.8 pm) Other finishes available upon request.



## Maximum Pressure Ratings

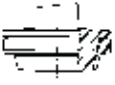

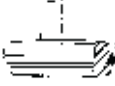
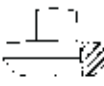

VALVE SIZE W/ PRESSURE AT	1.0/1.5" (25/38MM)	2.0" (51MM)	2.5" (64MM)	3.0" (76MM)	4.0" (102MM)	6.0"* (152MM)
70°F	500 psi	450 psi	400 psi	350 psi	200 psi	150 psi
(20°C)	(34.5 bar)	(31 bar)	(28 bar)	(24 bar)	(14 bar)	(10 bar)
160/180°F	375 psi	350 psi	300 psi	250 psi	150 psi	100 psi
(71/82°C)	(26 bar)	(24 bar)	(17 bar)	(17 bar)	(10 bar)	(6 bar)
250°F	250 psi	250 psi	200 psi	150 psi	125 psi	75 psi
(121°C)	(17 bar)	(17 bar)	(14 bar)	(10 bar)	(8 bar)	(5 bar)



Flush pressure 14.5 psi (1 bar) Max.

1/4" (6.35mm) Tube OD

# Seat Options

	SEAT TYPE	MAXIMUM TEMPERATURE	APPLICATION
	TEF-FLOW™ (TF)	180°F (32°)	Standard seat of choice. General Purpose, >90% of applications
	TEF-FLOW™ "P" (TFP)	280°F (137°)	High Temp High Pressure
	Tri Ring (TR) EPDM, FKM	Oper. 230°F (137°C) EPDM Steril. 275°F (135°C) EPDM Oper. 350°F (176°C) FKM Steril. Consult Factory EPDM	High Pressure Pressure Relief Large Particulate
	Metal (M)	375°F (190°)	High Pressure High Flow Pressure Relief Large Particulate
	Bonded EPDM, FKM	230°F (110°)	Large Particulate

# Control Tops

## Features

- Transparent Control Top keeps all electrical components visible. - Maintainable! Designed with the user in mind, making assembly and troubleshooting worry free and easy!
- WCB uses the industry's most widely recognized electrical components, so access to off the shelf replacement parts is easy, ensuring quick delivery and less down time!
- NEMA 4x (IP64)



## Connector Options

- S/O Cord Grip for hard wire (std) - Quick Disconnect Pin Connectors

## Interface Options

- ASi Field Bus Card
- Device Net Field Bus Network Card

## Position Indication

- Inductive Proximity Switches 20-140V AC/DC, 2-Wire (Std) - Microswitches 24VDC, 110VAC
- Intrinsically safe options 5-24VDC

**Solenoid Valves** - 24VDC or 110V



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**PROCESS EQUIPMENT**