

## SJ-930 HORIZONTAL SWING CHECK VALVE



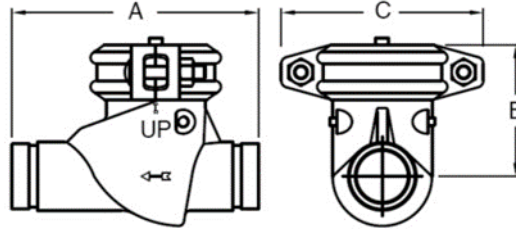
The Shurjoint Model SJ-930 Horizontal Swing Check Valves are supplied with grooved ends and are designed for general services including mining and oilfield applications. The SJ-930 features a bonnet cap which is drilled, tapped ( $\frac{1}{2}$ " NPT) and plugged and secured using a Shurjoint XH-70EP\* coupling. The 316 stainless steel clapper is supplied standard encapsulated with Nitrile. As an option we offer Fluoro-elastomer or Teflon encapsulations to meet your service requirements.

\* SJ-930 in size 4" is equipped with Shurjoint #7771 5" Rigid Coupling.

For pressure rating, listing, and approval information, refer to data sheet or visit SHURJOINT website [www.shurjoint.com](http://www.shurjoint.com) for details or contact your SHURJOINT representatives.

### material specification

- **Body:**  
Ductile Iron to ASTM A536, Gr. 65-45-12.
- **Clapper:**  
316 Stainless Steel encapsulated with Nitrile Rubber seat and a bonded bumper.
- **End Cap & Coupling Segments:**  
Ductile Iron to ASTM A536, Gr. 65-45-12.
- **Surface Finish:**  
Electro-deposition coating in black.
- **Rubber Gasket:**  
Grade "T" Nitrile (Color code: Orange stripe) (Option)  
Recommended for petroleum products, vegetable oils, mineral oils and air with oil vapors. Temperature range: -20°F to +180°F (-29°C to +82°C). Also good for water services under +150°F (+66°C).  
Do not use for HOT WATER above +150°F (+66°C) or HOT DRY AIR above +140°F (+60°C).
- **Bolts & Nuts:**  
Heat treated carbon manganese steel track bolts to ASTM A449-83a (or A183 Gr. 2), minimum tensile strength 110,000 psi (758 MPa), Zinc electroplated, with heavy-duty hexagonal nuts to ASTM A563.



Model SJ-930 Horizontal Swing Check Valve

Nominal Size	Pipe O.D.	Max. Working Pressure (CWP)*	Dimensions			Weight
			A	B	C	
in	in	PSI	in	in	in	lbs
mm	mm	Bar	mm	mm	mm	kg
2	2.375	1000	9.00	4.88	5.90	14.5
50	60.3	69	229	124	150	6.6
2½	2.875	1000	9.25	5.50	7.00	22.9
65	73.0	69	235	140	178	10.4
3	3.500	600	10.75	5.75	7.40	26.8
80	88.9	42	273	146	188	12.2
4	4.500	600	12.00	7.63	8.74	38.1
100	114.3	42	305	194	222	17.3
6	6.625	600	16.25	9.15	14.32	103.5
100	168.1	42	413	232.5	363.8	46.9

\*Pressure ratings are based on cut-grooved sch. 40 or thicker pipe connected with Shurjoint XH-70EP extra heavy rigid couplings.

### General note

- Maximum Working Pressure (CWP) listed is the maximum cold water pressure for general piping services tested to ASTM F1476 and or AWWA C606 methods. Figures listed are based on roll- or cut-grooved standard wall carbon steel pipe. For other pipe schedules or pipe materials, contact Shurjoint for additional information.
- Field Joint Test: For one time only the system may be tested hydrostatically at 1½ times the maximum working pressure listed (AWWA C606 5.2.3).
- Warning: Piping systems must always be depressurized and drained before attempting disassembly and or removal of any components.
- The 10 Year Limited Warranty applies to manufacturing defects only and does not cover severe service/temperature applications or wear parts.
- Shurjoint reserves the right to change specifications, designs and or standard without notice and without incurring any obligations.