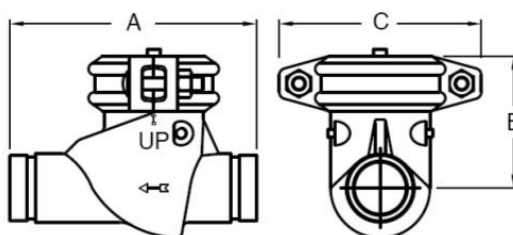


MODEL SJ-930 HORIZONTAL SWING CHECK VALVE

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 (½" 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.



Model SJ-930 Horizontal Swing Check Valve

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

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

MATERIAL SPECIFICATIONS

• Body:

Ductile Iron to ASTM A536, Gr. 65-45-12 and or to ASTM A395, Gr. 65-45-15.

• 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.

General Notes:

- **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 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.

Shurjoint product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact **Shurjoint** Technical Service. **Shurjoint** reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligations to make such changes and modifications on **Shurjoint** products previously subsequently sold.