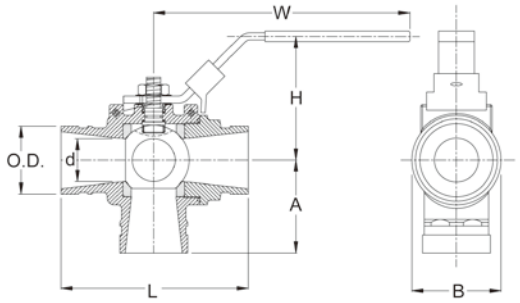
MODEL SJ-630 THREE PORT BALL VALVE

The ***Shurjoint*** Model SJ-630 is a grooved-end three-port ball valve designed to divert media from bottom inlet to either of the two outlets ports. The valve port is a regular port size and the stem is a blowout proof design to MSS SP-72 and API Standard 608. The valve is supplied with a carbon steel lever handle equipped with a tamper resistant locking device.

The valve body and three-port ball are made of austenitic stainless steel conforming to ASTM A351 CF8M(316) and blowout proof stem is stainless steel to ASTM A479 Type 316. The Valve body and trim materials are in compliance with NACE MR-01-75 requirement.



Model SJ-630 Three Port Ball Valve

Nominal Size	Pipe O.D.	Max. Working Pressure (CWP)*	L	H	W	d	A	B	Weight
in	in	Psi	in	in	in	in	in	in	Lbs
mm	*mm*	*Bar*	*mm*	*mm*	*mm*	*mm*	*mm*	*mm*	*Kgs*
2	2.375	600	6.55	4.32	8.96	1.50	3.25	3.13	7.89
50	*60.3*	*41*	*167*	*110*	*228*	*38*	*83*	*79*	*3.58*

* Working pressure is based on connection with roll- or cut-grooved Sch. 40S stainless steel pipe.

Flow Characteristics

Valve Size in	Cv / Kv Full Open
2"	36 / 31

Operation Torque

Valve Size in	Lb - in / N-m
2"	150 / 17

For the first opening or closing of the valve when it is not continuously operated, an additional torque 2 to 2.5 times the listed operating torque is normally required.

SHURJOINT®

SJ-630 K-25

MATERIAL SPECIFICATIONS

- **Body and End Cap:**
  Austenitic stainless steel to ASTM A351 CF8M (316).
- **Ball:**
  Austenitic stainless steel to ASTM A351 CF8M (316).
- **Stem:**
  Austenitic stainless steel to ASTM A479 Type 316.
- **Seats:**
  Reinforced PTFE (polyterafluoroethylene).
- **Body Seal:**
  PTFE (polyterafluoroethylene).
- **Stem Hardware:**
  Type 304 Stainless Steel.
- **Lever Handle:**
  Carbon steel with plastic grip
  ☐ Type 304 stainless steel

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.
- ***Shurjoint*** reserves the right to change specifications, designs and or standard without notice and without incurring any obligations.

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