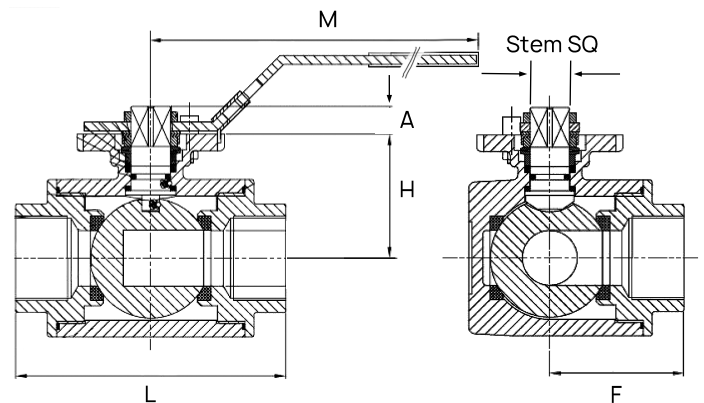


Features

- 3 Way reduced bore ball valve
- 316 Stainless Steel construction
- "T" port ball for mixing or diverting flow
- 15% Glass reinforced PTFE seats
- Ends screwed BSPP female (ISO 7-1)
- ISO5211 actuator mounting pad
- Maximum pressure 63 Bar rated
- Working temperature -25°C to +180°C

Operation

Turning the hand lever one quarter-turn (90°) rotates the ball from closed to the open position. A latch locking device allows for pad locking the valve in either the open or closed position for safety lockout applications. Actuators can direct mount to its standard ISO5211 mounting pad and square output shaft.



Materials

Body	316 Stainless Steel 1.4408 Shot blasted
Ball	316 Stainless Steel 1.4408 Polished
Seats	15% Glass Filled PTFE
Stem / Seals	316SS / Viton and PTFE
Lever	Stainless Steel 304SS with Vinyl cover

Manufacturer:

GENEBRE

Dimension Table

Size	H	L	M	F	*ISO5211	*A	*Stem SQ	Torque (Nm)
1/4"	37.0	75.0	130.0	37.0	F03/F04	8.0	9.0	8.0
3/8"	37.0	75.0	130.0	37.0	F03/F04	8.0	9.0	8.0
1/2"	37.0	75.0	130.0	37.0	F03/F04	8.0	9.0	8.0
3/4"	41.0	85.0	161.0	11.0	F04/F05	12.0	11.0	9.0
1"	47.0	100.0	161.0	11.0	F04/F05	12.0	11.0	18.0
1 1/4"	56.0	122.0	203.0	15.0	F05/F07	12.0	14.0	21.0
1 1/2"	60.0	131.0	203.0	15.0	F05/F07	12.0	14.0	26.0
2"	71.0	158.0	203.0	15.0	F05/F07	12.0	14.0	36.0
2 1/2"	95.0	178.0	254.0	19.0	F07/F10	14.0	17.0	55.0

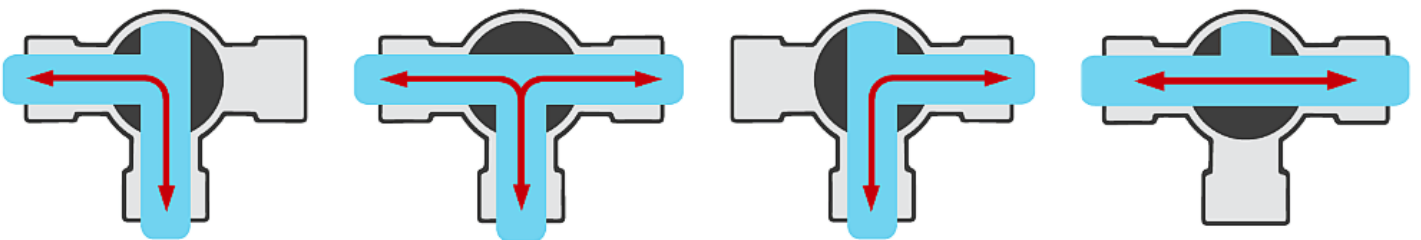
* Refers to the stem dimensions and actuator mounting

Torque incl SF

Horizontal outlet 3 way T-Port ball valve for mixing and diverting flow

3 Way ball valves change the direction of flow of the media passing through the valve. A T-port ball valve typically (i) mixes flow from both branch ports into a common outlet port and then diverts one branch into the common port, or (ii) allows straight through flow across the branch, and then diverts one branch into the common port, when the lever is turned through 90 degrees. There can be a mixing of the flows, or trans-flow between the ports when the valve is in mid position.

Flow Patterns for "T-PORT" 3 way valves 90° turn



Typical applications for an T-port ball valve:

Sample valves, purging valves, mixing valves, bypass valves, constant flow valves

- Allows straight through flow
- Combine/ mix flow from two different sources
- Split flow between two different destinations
- Alternate flow between two different sources
- Allow the flow from two different sources to mix
- Alternate flow between two different destinations

Pressure Temperature ratings:

