

MARWIN 3-WAY BALL VALVE SIDE ENTRY PORT CONFIGURATIONS (TOP VIEW)

Port Configurations (T Port)

Three-Way "T" Port 180°			
Position Flow Pattern	A* (0°)	B (90°)	C (180°)
T1 180°			Start
T2 180°	Start		
T6 180°	Start		
T7 180°	Start		

Three-Way "T" Port 90°			
Position Flow Pattern	A* (0°)	B (90°)	C (180°)
T3** 90°	Start		
T4 90°			Start
T8 90°	Start		
T9 90°	Start		

This chart applies to side entry multi-port valves only (3L/T-2P/Q/R/S33, 3T-3300 / 3L-3400, 3T-3700 / 3L-3800). See product bulletin for configurations for bottom entry multi-port valves (3T3100 / 3L3200).

Arrows show sequence of positions (ABC or CBA) for the direct rotating UT-SR actuator air stroke (CCW). "Start" shows **start / fail positions** for direct rotating UT-SR actuators.

Port configuration and **start / fail position** should always be explicitly specified. If not specified, 90° port configuration / start position **L2A** or **T3A** will be used for L-port and T-port valves, respectively.

Port configurations start / fail positions L1A or T1C are considered standard for L-port and T-port 180° rotation valves, respectively..

Port Configurations (L Port)

Three-Way "L" Port 180°			
Position Flow Pattern	A* (0°)	B (90°)	C (180°)
L1 180°	Start		
L3 180°	Start		

Three-Way "L" Port 90°			
Position Flow Pattern	A* (0°)	B (90°)	C (180°)
L2** 90°	Start		

Start / fail positions, as indicated by "Start" in the above schematics, are as follows, and will be used if not specified on order:

- A for L1, L2, L3, T2, T3, T6, T7, T8, and T9
- B for T4
- C for T1.

Start / fail positions opposite these are available but require reverse rotating UT-SR actuators (see explanation below).

Rotation for UT-SR actuators is defined as follows:

Direct (Standard)--CCW when air is applied (air stroke), and CW when air is exhausted (spring stroke).
Reverse (Non-standard)—CW on the air stroke, and CCW on the spring stroke; requires that the pistons be reversed inside the actuator.

AMYB / FMYB Limit Switch Indicator codes for the above port configurations are as follows (See product bulletin):

- T1, T2, T6, T7 – 1
- T3, T4 – F
- T8, T9 – T
- L1, L3 – 5
- L2 – O