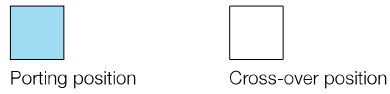


Multi-way ball valves

Standard- and special porting patterns



Ref.No.	Ball valve style	Cycling	Porting symbols	Descriptions
01	3-way compact ball valve with L-bore	90°		Floating ball, all ports connected in the cross-over position, pressure should not be applied from the closed port
03	3-way compact ball valve with T-bore	90°		Floating ball, all ports connected in the cross-over position, pressure should not be applied from the closed port
08	3-way ball valve with L-bore	90°		Trunnion ball, all ports closed in the cross-over position, full bore
09	3-way ball valve with T-bore	90°		Trunnion ball, all ports closed in the cross-over position, full bore
10	3-way ball valve with T-bore	2 x 90°		Trunnion ball, all ports closed in the cross-over position, full bore, detent at center position is recommended
11	4-way ball valve with L-bore	90°		Trunnion ball, all ports closed in the cross-over position, full bore
12	4-way ball valve with L-bore	2 x 90°		Trunnion ball, all ports closed in the cross-over position, full-bore, detent at center position is recommended
13	4-way ball valve with double L-bore	90°		Trunnion ball, temporary connection of all ports in the cross-over position but with full shut-off at center point, reduced bore
14	4-way ball valve with double L-bore and additional bore	2 x 45°		Trunnion ball, all ports connected in the cross-over position with center shut-off position, reduced bore, detent for center position is recommended
15	4-way ball valve with double L-bore and additional bore	2 x 45°		Trunnion ball, all ports connected in the cross-over position, reduced bore, detent for center position is recommended
16	4-way ball valve with Y-bore	2 x 45°		Trunnion ball, all ports connected in the cross-over position, reduced bore, detent for center position is recommended
17	5-way ball valve with double L-bore perpendicular	3 x 90°		Trunnion ball, all ports closed, full-bore passage, detents for switching positions are recommended
18	4-way ball valve with T- and L-bore	45°		Trunnion ball, all ports connected in the cross-over position, reduced bore
19	4-way ball valve with double L-bore and additional bore	45°		Trunnion ball, all ports connected in the cross-over position, reduced bore
20	3-way ball valve with L-bore and additional bore	90°		Trunnion ball, all ports connected in the cross-over position, full bore
21	3-way ball valve with T-bore and additional bore	2 x 45°		Trunnion ball, all ports connected in the cross-over position, reduced bore
22	3-way ball valve with L-bore and additional bore	45°		Trunnion ball, all ports connected in the cross-over position, reduced bore

Other special porting patterns on request

Multi-way ball valves

Special porting patterns · examples for combinations

By combining simple patterns more complex functions can be achieved.

