

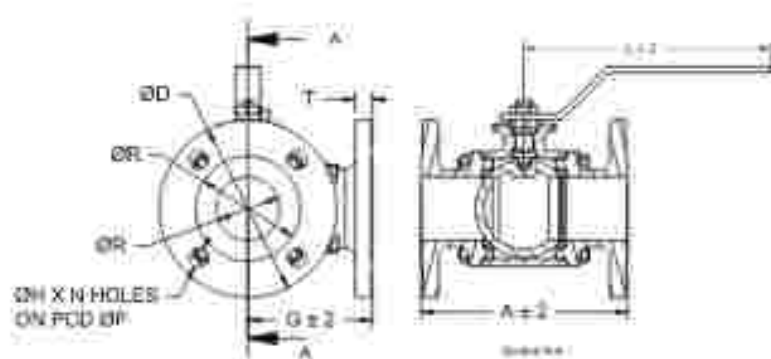
# Multiport Ball Valves

## 3 Way Ball Valve



Three Way (3 Way) Flange end L port diverter Ball Valves are designed and manufactured as per **BS5351 / ISO17292** standards. The materials of construction are **ASTM A216 Gr WCB (CS)**, **ASTM A351 Gr CF8 (SS304)** and **ASTM A351 Gr CF8M (SS316)**. Other materials such as **CF3**, **CF3M** can be supplied against specific requirement.

## Technical Specifications



Dimensions For Flanged End Class 150#

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
150#	158	13	90	35	66	60.3	16 x 4	10	170																	
100#	117	11	100	41	66	60.3	16 x 4	10.9	170																	
125#	127	25	108	51	75	76.1	16 x 4	11.2	190																	
150#	165	32	115	63.5	100	88.9	16 x 4	13.2	250																	
200#	183	38	127	73	92	98.53	16 x 4	14.2	250																	
250#	215	50	152	92.1	107	120.6	16 x 4	15.75	250																	
300#	227	64	178	105	125	139.7	19 x 8	17.53	300																	
350#	245	75	190.5	127	140	152.4	19 x 11	19.05	300																	
400#	280	100	229	157	150	190.5	19 x 11	23.89	400																	
450#	350	150	279	215.9	225	241.3	22.22 x 8	25.4	800																	
500#	404	180	279	215.9	225	241.3	22.22 x 8	25.4	900																	
600#	537	210	345	268.9	348	298.5	22.22 x 8	25	800																	

All dimensions are in mm

Due to continuous improvements, dimensions are subject to change

Contact for other classes

NOTE: G is distance from valve bore axis to third port face

T is the flange fitting thickness

Pressure equalization line available as option

## Technical Data

PART NAME	MATERIAL
Body / Adapter	ASTM A216 Gr WCB ASTM A351 Gr CF8 ASTM A351 Gr CF8M
Ball / Stem	SS304/SS316
Seat / Body Seal	PTFE
Stem Seal / Gland Seal	PTFE / GFT
Locking Pin	CS
Operating Flange / Handle	CS
Stem / Bolts / Nuts / Gland Nut	CS
Gland	SS304



3-Way Ball Valve can also be supplied in Screwed End. Contact for dimension details.

### L-port configuration



### T-port configuration



T-port Ball Valve with 2 seats design is available

## Multiport Ball Valves

### 4 Way Ball Valve



4 Way Ball Valves are offered with L-L port and are manufactured in screwed end as well as flanged end.

### 6 Way Ball Valve



6 Way Ball Valve is designed for Duplex Filters to achieve smooth changeover between the filters. The Valves can be supplied in sizes from **0.5 inch** to **8 inch** full bore. The Material of Construction offered in this range of products is: **ASTM A216 Gr WCB** Body with **CF8/ SS304** Internals **ASTM A351 Gr CF8** Body with **CF8/ SS304** Internals **ASTM A351 Gr CF8M** Body with **CF8M/ SS316** Internals **Super Duplex SS** Body with **Super Duplex SS** Internals.

### 3 Way Double Ball Valve with Common Lever/ Actuator



Kavaata is market leader in **Double Three Way Transfer Valves**. These valves are manufactured by coupling two 'Three Way Ball Valves' together by a **flexible coupling**. One single handle is provided to operate the two valves simultaneously. These types of valves are specially used in **Duplex Heat Exchangers** and **Duplex Filters**.

#### VALVE STANDARDS

Pressure Rating	ASA 150#/300#/PN10/PN16
Design Standard	BS 5351/ISO 17292
Testing Standard	BS 6755/API 598
Flange Dimension	ASME B 16.5