

# Type 543 Horizontal 3-Way Valve Flow Assembly Aid

GF Part Number for the valve selected: \_\_\_\_\_

L-Port Ball



FLOW: 2 & 3 †



Flow Diagram

T-Port Ball



FLOW: 2 & 3



FLOW: 1, 2 & 3 \*\*



FLOW: 1 & 2



NO FLOW, CLOSED



FLOW: 1 & 3 \*\*

**Material**

PVC	CPVC
PP Std	PVDF

**Size**

3/8"	1 1/4"
1/2"	1 1/2"
3/4"	2"
1"	

**Connection**

Socket	NPT
Skt Fusion	IR Fusion
Butt Fusion	

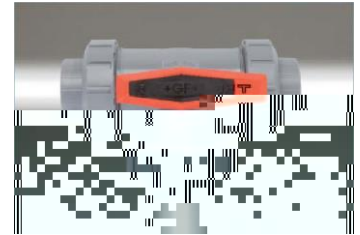
**Ball Type**

L-Port	T-Port
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**Actuation**

Electric	Pneumatic
24VDC/AC	Fail Open
110-230 VAC	Fail Closed
	Double Acting

Not all combinations may be available, refer to the product catalog for the correct combinations.



FLOW: 1, 2 & 3 †



FLOW: 1 & 2



FLOW: 1 & 3

Pick ONE open position and ONE closed position. If utilizing a middle positioning kit, pick a mid point stop.

(EA Signal Close)

(EA Signal Open)

De-Energized: \_\_\_\_\_ Energized: \_\_\_\_\_ Middle Position(if used): \_\_\_\_\_

The pneumatic actuator only has a 90° rotation, ( ♦ ) are not available with a standard pneumatic actuator.

\*\* Lower Cv / Kv Value due to ball position

† Default Setting

# Type 543 Vertical 3-Way Valve Flow Assembly Aid

GF Part Number for the valve selected: \_\_\_\_\_

## Electrically Actuated Type 543 Vertical Ball Valve

L-Port Ball



FLOW: 0° = 1 & 2



Diverter Ball



FLOW: 0° = 1 & 2



FLOW: 90° = OFF



PVC

### Material

### Size

3/8"	1 1/4"
1/2"	1 1/2"
3/4"	2"
1"	

### Connection

Socket NPT

### Ball Type

L-Port Diverter Ball

### Actuation

Electric 24VDC/AC 110-230 VAC  
Pneumatic Fail Open Fail Closed Double Acting



FLOW: 90° = 1,2&3 (Mixing\*\*)



FLOW: 180° = 2 & 3



FLOW: 180° = 2 & 3

Not all combinations may be available, refer to the product catalog for the correct combinations.

Diverter Ball



FLOW: 0° = 1 & 2



## Pneumatically Actuated Type 543 Vertical Ball Valve \*

Pneumatic Actuator not displayed



FLOW: \* 90° = 2 & 3

Pick ONE open position and ONE closed position.

(EA Signal Close)

(EA Signal Open)

De-Energized: \_\_\_\_\_ Energized: \_\_\_\_\_ Middle Position † (if used): \_\_\_\_\_

† Middle Positioner only available on the electric actuator, If utilizing a middle positioning kit, pick a mid point stop.

\* Pneumatic actuator only has a 90° rotation

\*\* Lower Cv / Kv Value due to ball position