

DATA SHEET

DIVERTER & MULTI-WAY VALVE SELECTION CHART



This data sheet is to assist appropriate selection of both the valve type and its port configuration. Care should be made when using this information. It is recommended that you should contact VAAS Europe directly, if you are unsure on any part of element of valve selection.

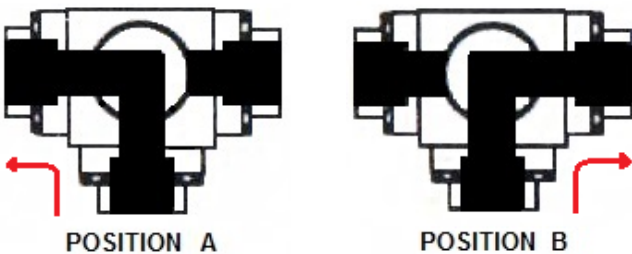
DIVERTER VALVE

The Diverter Valve is available in two designs; Side Entry and Bottom Entry. The valve is constructed using a standard 2-way valve seat arrangement. This means that the entry port is open at all times. It is ideally suited for diverting flow from the entry port into the main line, or mixing flow from the main line to the entry port.

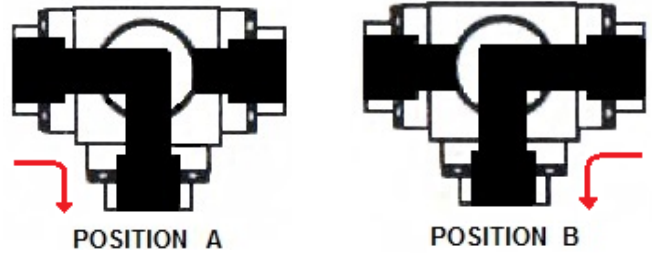
The Side Entry configuration, it is available as a 90° rotation only.

The Bottom Entry also has a 180° 3-position option, to give mid-point shut-off. See below for flow options.

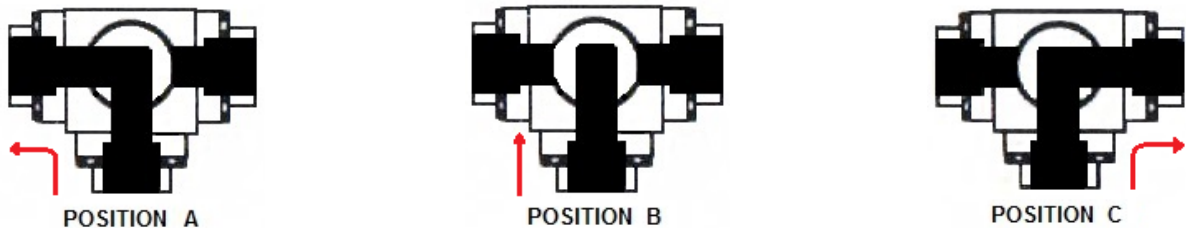
Diverting Flow - 90° T-Ball



Mixing Flow - 90° T-Ball



Diverting Flow - 180° L-Ball



MULTI-WAY VALVE

























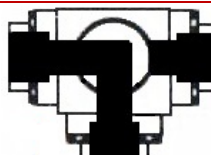



The Multi-Way Valve is available in many different configurations including L-Port and T-Port, with 90°, 180° or 360° rotation. It also has a 4-way valve (X-port), with an option of a 5th port (bottom entry). For 4-way and 5-way options, please refer directly back to VAAS Europe.

The Multi-Way valve design is different to the Diverter, in that it uses a 4 seat sealing arrangement. This ensures the valve will seal all ports, regardless of the direction of flow. In the case of the T-Port design, this allows for the option of a straight-through flow of the process, in one of its positions. This provides a significant increase in the valve flow rate, when compared to conventional 'Diverter' type valves.

MULTI-WAY PORT CONFIGURATIONS

Use the code numbers in red, to indicate the port configuration required.

T01	 POSITION A	 POSITION B	T02	 POSITION A	 POSITION B	T – PORT 90° ROTATION
T03	 POSITION A	 POSITION B	T04	 POSITION A	 POSITION B	

T05				T – PORT 180° ROTATION	
T06					
T07					
T08					
T09					T – PORT 360° ROTATION
L10			L – PORT 90° ROTATION		
L11				L – PORT 180° ROTATION	
L12					
L13					L – PORT 360° ROTATION

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