

# 124-500 L Port

3-way ball valve



altecnic

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## Application

The Altecnic 3-way reduced bore ball valves are flow diverging valves and not intended for isolation.

The valves have a ball with an 'L' port configuration and depending upon the flow direction will cause the flow to divert from one outlet port to the other.

The valve can be used in industrial applications, water distribution and heating systems to divert water to where it is required.

## Design

3 port body with 'L' port plug

Adjustable gland with primary 'O' ring seal

The inlet and direction of flow can be any of the 3 ports

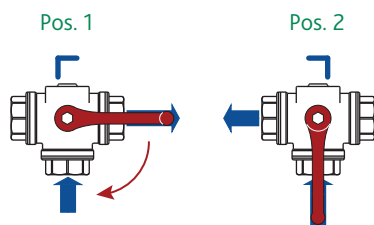
Aluminium lever with stricted rotation

Supplied with female parallel threaded ends complying with BS EN ISO 228-1.

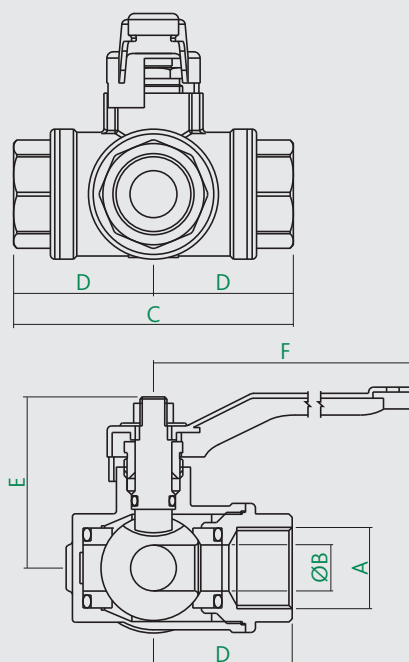
## Construction Details

Component	Material	Grade
Body	Brass - nickel plated	BS EN 12420 CW617N
End connection	Brass - nickel plated	BS EN 12420 CW617N
Ball	Brass - chrome plated	BS EN 12164 CW614N
Ball seat	PTFE	
Stem	Brass	BS EN 12164 CW614N
Gland packing	PTFE	
Stem retaining ring	Brass	BS EN 12164 CW614N
Seals	FPM Fluoroelastomer	
Lever	Aluminium	BS EN 1011-DD13

## Lever Position and Port Configuration



## Dimensions



Prod Code	A	B*	C	D	E	F
124-5001 CST	G $\frac{1}{4}$	10	76	38	52	115
124-5002 CST	G $\frac{3}{8}$	10	76	38	52	115
124-5003 CST	G $\frac{1}{2}$	10	82	41	52	115
124-5004 CST	G $\frac{3}{4}$	15	90	45	55.5	115
124-5005 CST	G1	20	106	53	64	150
124-5006 CST	G1 $\frac{1}{4}$	25	120	60	76.5	150
124-5007CST	G1 $\frac{1}{2}$	32	142	71	93.5	240
124-5008 CST	G2	40	165	82.5	103.5	240
124-5009 CST	G2 $\frac{1}{2}$	40	194	97	124	240

\* exceeds the full bore diameter circle specified in BS EN 13547.

## Technical Specification

Maximum Temperature:	100°C
Minimum Temperature:	-10°C
Maximum Pressure:	40 bar

The flow can be in the opposite direction to that illustrated.

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Registered in England No: 2095101

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AL 344 29-07-19

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