

Ball valves are capable of throttling gasses, vapours or liquids by mechanism of a metal ball with a cylindrical hole bored through the centre that rotated to control the flow of the medium. Ball valves require a quarter turn to go from fully open to a fully closed position.

Product application

Due to the quick opening and closing ability of the valve, ball valves are useful in installations where there is a need to isolate pipe sections quickly in the event of emergency. Ball valves are also especially useful for low-flow situations.

Available valves

Natco ball valves

Application: General and process industry
 Size range: 8mm to 250mm
 Pressure range: 1 piece up to 70 bar
 2 piece up to 50 bar
 3 piece up to 80 bar
 Note: pressure depends on size and temperature
 Construction: Body: carbon steel, stainless steel
 Seats: PTFE
 1 piece: screwed
 2 piece: flanged
 3 piece: screwed and/or socket weld ends
 3 way: T port and L port

Fire safe ball valves

Application: Process, chemical, natural gas and petrochemical where fire safe operation is really important
 Size range: 15mm to 750mm
 Pressure range: ANSI 150 up to ANSI 1500
 DIN PN16 to PN40
 Construction: Body: carbon steel, stainless steel, exotic materials
 Ball: Stainless steel or exotic materials
 Seats: PTFE and other special material on request
 End connections: Flanged