



Glen Ball Valves have been used in the mining industry for over 70 years, and have been developed specifically to suit the harsh working conditions in underground hard rock mining.

## Features and Advantages

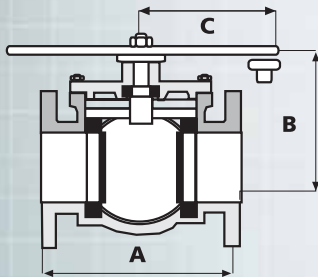
- Floating Ball design for improved sealing at higher pressure
- Installed for operation in either direction
- Heavy duty handle options - 360°bc or 90°bc
- Compact valve with minimum parts
- Full bore design reduces turbulence and decreases pressure drop through valve
- Cast body is robust
- Spindle designed to prevent possibility of blow out
- Valve maintenance done in-situ
- Reusable seats
- Handles replaced easily by removing nyloc nut

## Applications

- Mining
- Civil and industrial applications
- Construction
- Agriculture
- Municipal

## Material Specifications

- Spindle - Mild steel or stainless steel
- Seats - Nitrile with polyurethane for 25mm only
- Ball - 304 stainless steel
- H.T. nut and spring washer
- Cast body and cast cap from S.G. iron or malleable iron



Size and Type of Valve	General Dimensions in mm and mass in Kg					Recommended Max Working		
	Seat Material	Ball S/Steel	Spindle Seat	Nett Mass		Pressure <sup>#</sup>		Temperature Range*
				Std 360° Handle	Mk3 90° Handle	Mpa	psi	
15mm threaded	Nitrile	✓	Rings	0.60	0.62	3.5	500	-20°C to 82 °C
20mm threaded	Nitrile	✓	Rings	0.82	0.86	5.4	800	-20°C to 82 °C
25mm threaded	Polyseat	✓	Rings	1.18	1.25	5.4	800	-20°C to 82 °C
25mm grooved	Polyseat	✓	Rings	1.08	1.15	5.4	800	-20°C to 82 °C
32mm threaded	Nitrile	✓	Rings	1.82	1.89	5.4	800	-20°C to 82 °C
40mm threaded	Nitrile	✓	Rings	3.19	3.26	4.1	600	-20°C to 82 °C
48mm shouldered	Nitrile	✓	Rings	1.65	-	4.1	600	-20°C to 82 °C
50mm threaded	Nitrile	✓	Rings	5.09	5.38	4.1	600	-20°C to 82 °C
50mm shouldered or grooved	Nitrile	✓	Rings	5.19	5.55	4.1	600	-20°C to 82 °C
50mm flanged	Nitrile	✓	Rings	8.65	-	4.1	600	-20°C to 82 °C
50mm shouldered x 25mm threaded	Polyseat	✓	Rings	1.42	1.50	5.4	800	-20°C to 82 °C
50mm grooved x 25mm threaded	Polyseat	✓	Rings	1.40	1.48	5.4	800	-20°C to 82 °C
80mm threaded	Nitrile	✓	Gland	11.00	-	2.7	400	-20°C to 82 °C
80mm shouldered or grooved	Nitrile	✓	Gland	10.10	-	2.7	400	-20°C to 82 °C
80mm flanged	Nitrile	✓	Gland	15.85	-	2.7	400	-20°C to 82 °C
100mm shouldered or grooved	Nitrile	✓	Gland	23.50	-	2.0	300	-20°C to 82 °C
100mm flanged	Nitrile	✓	Gland	31.40	-	2.0	300	-20°C to 82 °C

All specifications and dimensions subject to alteration without prior notice

<sup>#</sup> Maximum working pressure includes surging in pipeline

\* For short periods and certain applications rated temperature can be exceeded

Screwed End Ball Valve



25mm Screwed x 50mm  
Shouldered / Grooved End

Screwed End Ball Valve



50mm Screwed x 50mm  
Screwed

Screwed End Ball Valve



25mm Screwed x 25mm  
Screwed

Designed and manufactured in South Africa