

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

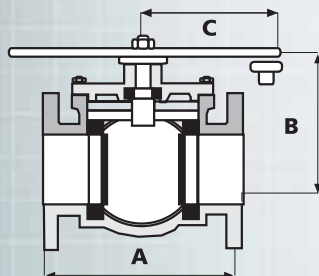
Spindle - Mild steel or stainless steel

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 [#]		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

[#] 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