

AWWA C515 OS&Y Resilient Seated Gate Valve

FIG. LV3233

Specification

- Meet or exceed the requirements of AWWA C515 standard
- Full waterway
- Adjustable packing
- Rubber fully encapsulated Ductile Iron wedge
- Handwheel - open left or open right
- Face-to-face dimension complies with ASME B16.10 and EN558 series 3
- Flange and drilling complies with ASTM B16.1 Class 125 or EN1092-2 PN10/16/25 (other flange types available upon request)
- Grooved ends meet AWWA C606 standard or metric dimensions

Working Pressure and Temperature

- 10 bar / 16 bar / 25 bar / 150 psi / 200 psi / 250 psi rated at -10°C to 120°C

Corrosion Protection

- Fusion bonded coating interior and exterior meet or exceed all applicable of AWWA C550 standard

Options

- SS316 stainless steel stem
- Stainless steel fasteners: A2-70 or A4-70
- Operated with handwheel, operating nut, gearbox or actuator

Material Specifications

Part	Material	EN Specification	ASTM Specification
Body	Ductile Iron	EN1563, GJS-450-10	A536 Grade 65-45-12
Wedge	EPDM Fully Encapsulated Ductile Iron Wedge		
Wedge Nut	Stainless Steel	BS970 304S15	A351 Grade CF8
Bonnet	Ductile Iron	EN1563, GJS-450-10	A536 Grade 65-45-12
Stem	Stainless Steel	BS 970 304S15	A276 Grade 304
Yoke	Ductile Iron	EN1563, GJS-450-10	A536 Grade 65-45-12
Stem Nut	Bronze	EN1982, CuAl10Fe3	B148 C95200
Packing	Graphite	Non-Asbestos	Non-Asbestos
Gland	Ductile Iron	EN1563, GJS-450-10	A536 Grade 65-45-12
Gland stud	Stainless Steel	BS970 304S15	A276 Grade 304
Fasteners	Carbon Steel	Grade 4.8	A307 Grade B
Gasket	Rubber	EPDM	D2000
Handwheel	Ductile Iron	EN1563, GJS-450-10	A536 Grade 65-45-12

Main Dimensions (mm)

Size	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	178	190	203	229	254	267	292	330	356	381	406	432	457	508
H(OPEN)	385	432	485	550	660	740	930	1130	1320	1165	1860	2082	2290	2692
D	184	184	254	254	305	305	356	445	445	558	558	610	610	762

Notes

- Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.

Schematic

