

GWC Valve International



PROVEN TECHNOLOGY FOR INDIVIDUAL VALVE SOLUTIONS - WORLDWIDE



QUALITY VALVE PRODUCTS:

- BALL
- CAST STEEL
- FORGED STEEL
- BUTTERFLY
- PLUG
- WAFER CHECK
- NEEDLE & GAUGE



FLOATING BALL VALVES

MODEL A150 / A300



NACE MR-01-75 Certified

Unibody, reduced bore, free floating ball, fire-safe certified to API-607, blow-out proof stem, cavity relieving seats, anti-static device. Designed and tested according to ASME/ANSI B16.34, BS5351 and API-6D.

Face to Face: ASME/ANSI B16.10 Short Pattern
End Flange: ASME/ANSI B16.5
Rating: Class 150 & 300
Sizes: 2" – 10"

Standard Materials:

Figure Number	A150-1-BC-G A300-1-BC-G	A150-1-LC-G A300-1-LC-G
Body / Retainer	A216 WCB	A351 CF8M
Ball / Stem	A351 CF8M/316SS	A351 CF8M/316SS
Seats	RTFE	RTFE
Seals	PTFE / Graphite	PTFE / Graphite

MODEL B150 / B300 / C150 / C300



NACE MR-01-75 Certified

Split body, full or reduced bore, free floating ball, fire-safe certified to API-607, blow-out proof stem, cavity relieving seats, anti-static device and locking device. Designed and tested according to ASME B16.34, BS5351 and API-6D.

Face to Face: ASME B16.10 Short Pattern (Red. Bore)
 ASME B16.10 Long Pattern (Full Bore)
End Flange: ASME B16.5
Rating: Class 150 & 300
Sizes: Reduced Bore 2" – 10"
 Full Bore ½" – 8"

Standard Materials:

Figure Number	B150-1-BC-G C150-1-BC-G B300-1-BC-G C300-1-BC-G	B150-1-LC-G C150-1-LC-G B300-1-LC-G C300-1-LC-G
Body / Cap	A216 WCB	A351 CF8M
Ball / Stem	A351 CF8M/316SS	A351 CF8M/316SS
Seats	RTFE	RTFE
Seals	Viton / Graphite	Viton / Graphite

MODEL B600 / C600



NACE MR-01-75 Certified

Split body, full bore or reduced bore, free floating ball, fire-safe certified to API-607, blow-out proof stem, cavity relieving seats, anti-static device and locking device. Designed and tested according to ASME B16.34, BS5351 and API-6D.

Face to Face: ASME B16.10 Long Pattern
End Flange: ASME B16.5
Rating: Class 600
Sizes: Reduced Bore 2" – 6"
 Full Bore 1" – 4"

Standard Materials:

Figure Number	B600-1-BC-B C600-1-BC-B	B600-1-LC-B C600-1-LC-B
Body / Cap	A216 WCB	A351 CF8M
Ball/Stem	A351 CF8M/316SS	A351 CF8M/316SS
Seats	Nylon	Nylon
Seals	Viton / Graphite	Viton / Graphite

FORGED TRUNNION BALL VALVES

MODEL FF & GG



NACE MR-01-75 Certified

Forged three-piece body design, full bore or reduced bore, trunnion mounted ball, double block and bleed, anti-static device, fire-safe to API-607/API-6FA, spring loaded seats, designed and tested to API-6D.

Face to Face: API-6D
API-6A
Rating: ASME Class 150 – 2500
API-6A 3000 & 5000
Sizes: Reduced Bore 2" – 36"
Full Bore 2" – 48"

Standard Materials:

Figure Number	FF150/300-1-CF-G GG150/300-1-CF-G FF600/5009-1-CF-B GG600/5009-1-CF-B	FF150/300-1-BF-G GG150/300-1-BF-G FF600/5009-1-BF-B GG600/5009-1-BF-B	FF150/300-1-LF-G GG150/300-1-LF-G FF600/5009-1-LF-B GG600/5009-1-LF-B
Body / Cap	ASTM A105N	ASTM A105N	ASTM A182 F316
Ball	ASTM A105N*	ASTM A182 F316	ASTM A182 F316
Stem	AISI 4140*	ASTM A182 F316	ASTM A182 F316
Seats & Inserts	ASTM A105N* + RTFE / Nylon**	ASTM A182 F316 + RTFE / Nylon**	ASTM A182 F316 + RTFE / Nylon**
Seals	Viton / Graphite	Viton / Graphite	Viton / Graphite

* Electroless Nickel Plating .003"

** Class 150–300 RTFE seat inserts, Class 600 and above nylon seat inserts

Note: Stem material 17-4 PH on Class 2500 and above

CAST TRUNNION BALL VALVES

MODELS F / FF & G / GG



NACE MR-01-75 Certified

Cast two-piece or three-piece body design, full or reduced bore, trunnion mounted ball, double block and bleed, anti-static device, fire-safe to API-607/API-6FA, spring loaded seats, designed and tested to API-6D.

Face to Face: API-6D
Rating: ASME Class 150 – 600
Sizes: Reduced Bore 2" – 36"
Full Bore 2" – 48"

Standard Materials:

Figure Number	F150/300-1-CC-G G150/300-1-CC-G F600-1-CC-B G600-1-CC-B	F150/300-1-BC-G G150/300-1-BC-G F600-1-BC-B G600-1-BC-B	F150/300-1-LC-G G150/300-1-LC-G F600-1-LC-B G600-1-LC-B
Body / Cap	ASTM A216 WCB	ASTM A216 WCB	ASTM A351 CF8M
Ball	ASTM A105N*	ASTM A351 CF8M	ASTM A351 CF8M
Stem	AISI 4140*	ASTM A182 F316	ASTM A182 F316
Seats & Inserts	ASTM A105N* + RTFE / Nylon**	ASTM A182 F316 + RTFE / Nylon**	ASTM A182 F316 + RTFE / Nylon**
Seals	Viton / Graphite	Viton / Graphite	Viton / Graphite

* Electroless Nickel Plating .003"

** Class 150–300 RTFE seat inserts, Class 600 and above nylon seat inserts

HIGH PRESSURE THREADED BALL VALVES

MODEL BW & CW



NACE MR-01-75 Certified

Two-piece body, free floating ball, fire-safe certified to API-607, blow-out proof stem, investment and/or shell mold cast, locking device and ISO-5211 mounting pad.

End to End: GWC Standard

End Threads: NPT, Female x Female; NPT, Male x Female

Rating: 3000 & 6000 PSI

Sizes: Female x Female — Reduced Bore 1" & 2", Full Bore ¼" – ¾" & 1½"
Male x Female — Reduced Bore 1" & 2", Full Bore ¼" – ¾"

Standard Materials:

Figure Number	Full Bore	Reduced Bore	Full Bore	Reduced Bore
FxF	BW301-1-BC-J-L	CW301-1-BC-J-L	BW301-1-LC-J-L	CW301-1-LC-J-L
	BW601-1-BC-J-L	CW601-1-BC-J-L	BW601-1-LC-J-L	CW601-1-LC-J-L
MxF	BW304-1-BC-J-L	CW304-1-BC-J-L	BW304-1-LC-J-L	CW304-1-LC-J-L
	BW604-1-BC-J-L	CW604-1-BC-J-L	BW604-1-LC-J-L	CW604-1-LC-J-L
Body / Adapter	A216 WCB / AISI 1018		A351 CF8M	
Ball / Stem	316SS		316SS	
Seats	Delrin		Delrin	
Seals	Viton / Graphite		Viton / Graphite	

NEEDLE VALVES

MODEL SW601/604 & SW1001/1004



NACE MR-01-75 Certified
(for Model SW601-3-LC-J-L /
SW604-3-LC-J-L &
SW1001-3-LC-M-L /
SW1004-3-LC-M-L)

Heavy duty body, precision threaded bonnet with bonnet locking pin, metal to metal back seat, O-ring stem seal, Delrin replaceable soft seat (for SW601/604) or metal to metal stem seat (for SW1001/1004).

End to end: GWC Standard

End Threads: NPT, FxF & MxF

Rating: SW601/604 6000 PSI, SW1001/1004 10000 PSI

Sizes: SW601/604 ¼" – 1", SW1001/1004 ¼" – ½"

Standard Materials:

Figure Number	SW601/604-3-SF-J-L SW1001/1004-3-SF-M-L	SW601/604-3-LC-J-L SW1001/1004-3-LC-M-L
Body	12L14	A351 CF8M
Stem	316SS	316SS
Seat (601/604)	Delrin	Delrin
Seat (1001/1004)	Metal	Metal
Seals	Viton	Viton

GAUGE VALVES

MODEL SGW605 & SGW1005



NACE MR-01-75 Certified
(for Model SGW605-3-LC-J-L
& SGW1005-3-LC-M-L)

Oversized barstock body, precision threaded bonnet with bonnet locking pin, metal to metal back seat, O-ring stem seal, Delrin replaceable soft seat (for SGW605) or metal to metal stem seat (for SGW1005).

End to End: GWC Standard

End Threads: NPT, 1M x 3F

Rating: SGW605 6000 PSI,
SGW1005 10000 PSI

Sizes: ½"

Standard Materials:

Figure Number	SGW605-3-SF-J-L SGW1005-3-SF-M-L	SGW605-3-LC-J-L SGW1005-3-LC-M-L
Body	12L14	A351 CF8M
Stem	316SS	316SS
Seat (605)	Delrin	Delrin
Seat (1005)	Metal	Metal
Seals	Viton	Viton

THREADED & SOCKET WELD BALL VALVES

MODEL AW201



NACE MR-01-75 Certified

One-piece body, reduced bore, free floating ball, blow-out proof stem.

End to End: GWC Standard
End Threads: NPT
Rating: 2000 PSI
Sizes: 1/4" – 2"

Standard Materials:

Figure Number	AW201-3-BF-R-L	AW201-3-LC-R-L
Body / Cap	A105N	A351 CF8M
Ball / Stem	A351 CF8M/316SS	A351 CF8M/316SS
Seats	RTFE	RTFE
Seals	PTFE	PTFE

MODEL BW201 & DW101



BW201



DW101

Two-piece body (Model BW201) and three-piece body (Model DW101), full bore, free floating ball, blow-out proof stem, investment cast, locking device.

End to End: GWC Standard
End Threads: NPT
Rating: DW101 1000 PSI
 BW201 2000 PSI
Sizes: BW201 1/4" – 2"
 DW101 1/4" – 3"

Standard Materials:

Figure Number	BW201-3-BC-R-L DW101-3-BC-R-L	BW201-3-LC-R-L DW101-3-LC-R-L
Body / Cap	A216 WCB	A351 CF8M
Ball / Stem	A351 CF8M/316SS	A351 CF8M/316SS
Seats	RTFE	RTFE
Seals	PTFE	PTFE

MODEL D801 / DD801 / D1501



D801 / DD801

NACE MR-01-75 Certified

Three-piece body, enclosed bolting, full or reduced bore, free floating ball, fire-safe certified API-607, blow-out proof stem, investment cast, locking device, ISO-5211 mounting pad.

End to End: GWC Standard
End Threads: ANSI B2.1 NPT
Socket Weld Ends: ANSI B16.11
Buttweld Ends: ANSI B16.9
Rating: ASME Class 800/1500
Sizes: 1/2" – 2"

Standard Materials:

Figure Number	D801-1-BF-G-L DD801-1-BF-G-L DD1501-1-BF-G-L	D801-1-LF-G-L DD801-1-LF-G-L DD1501-1-LF-G-L
Body / Cap	A105N	F316SS
Ball / Stem	A182 F316	A182 F316
Seats	RTFE	RTFE
Seals	Graphite	Graphite



BUTTERFLY VALVES

Triple Offset
High Performance
Resilient Seated

Pressure Class: ASME 125-600

Size Range: 2" - 60"

API Standard: 609

ASME B16.34



PLUG VALVES

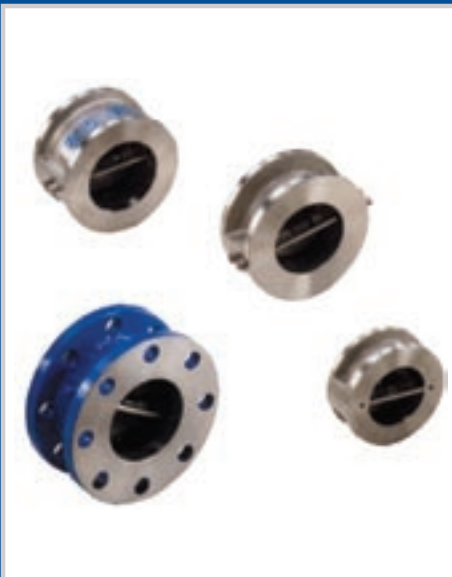
Pressure Balanced
Lubricated

Pressure Class: ASME 150-1500

Size Range: 1/2" - 24"

API Standard: 6D & 599

ASME B16.34



WAFER CHECK VALVES

Dual Plate

Pressure Class: ASME 125-1500

Size Range: 2" - 48"

API Standard: 6D & 594

ASME B16.34

CAST STEEL VALVES



Pressure Class: ASME 150-1500

Size Range: 2" - 48"

API Standard: 600 & 603

ASME B16.34

CAST STEEL PRESSURE SEAL VALVES



Pressure Class: ASME 600-2500

Size Range: 2" - 24"

API Standard: 600

ASME B16.34

FORGED STEEL VALVES



Pressure Class: ASME 150-2500

Size Range: 1/4" - 2"

API Standard: 602

ASME B16.34

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Group of Companies