

STANVAL



**PROVEN TECHNOLOGY FOR INDIVIDUAL VALVE SOLUTIONS
WORLDWIDE**

BALL VALVES

NEEDLE & GAUGE VALVES

CAST STEEL VALVES

FORGED STEEL VALVES

PLUG VALVES

BUTTERFLY & WAFER CHECK VALVES



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 B16.34, BS5351 and API-6D.

Face to Face: ASME B16.10 Short Pattern
End Flange: ASME 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	Viton/Graphite	Viton/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 Long Pattern
End Flange: ASME B16.5
Rating: Class 150 & 300
Sizes: Reduced Bore: 2" - 8"
 Full Bore: 1/2" - 8"

Standard Materials:

Figure Number	B/C150-1-BC-G B/C300-1-BC-G	B/C150-1-LC-G B/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 and 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 A105	ASTM A105	ASTM A182 F316
Ball	ASTM A105*	ASTM A182 F316	ASTM A182 F316
Stem	ASTM 4140*	ASTM A182 F316	ASTM A182 F316
Seats & Inserts	ASTM A105* + 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 and 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 A105*	ASTM A351 CF8M	ASTM A351 CF8M
Stem	ASTM 4140*	ASTM A182 F316	ASTM A182 F316
Seats & Inserts	ASTM A105* + 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

Models 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: STANVAL 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: 1/4" - 3/4" & 1-1/2"

Male x Female

Reduced Bore: 1" & 2"
 Full Bore: 1/4" - 3/4"

Standard Materials (FxF):

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

Standard Materials (MxF):

Figure Number	Full Bore	Reduced Bore	Full Bore	Reduced Bore
	BW304-1-BC-J-L BW604-1-BC-J-L	CW304-1-BC-J-L CW604-1-BC-J-L	BW304-1-LC-J-L BW604-1-LC-J-L	CW304-1-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 CF8M body only)



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: STANVAL Standard
End Threads: NPT, FxF & MxF
Rating: SW601/604: 6000 PSI
 SW1001/1004: 10000 PSI
Sizes: SW601/604: 1/4" - 1"
 SW1001/1004: 1/4" - 1/2"

Standard Materials:

Figure Number	SW601/604-3-SF-J-L SW1001/1004-3-SF-M-L	SW601/604-3-LF-J-L SW1001/1004-3-LF-M-L
	Body	12L14
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 CF8M body only)



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: STANVAL Standard
End Threads: NPT, 1M x 3F
Rating: SGW605: 6000 PSI
 SGW1005: 10000 PSI
Sizes: 1/2"

Standard Materials:

Figure Number	SGW605-3-SF-J-L SGW1005-3-SF-M-L	SGW605-3-LF-J-L SGW1005-3-LF-M-L
	Body	12L14
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: STANVAL 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	A105	A351 CF8M
Ball/Stem	A351 CF8M/316SS	A351 CF8M/316SS
Seats	RTFE	RTFE
Seals	PTFE	PTFE

Model BW201 & DW101



BW201

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: STANVAL 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



DW101

Model D801/DD801/D1501

NACE MR-01-75 CERTIFIED



D801/DD801

Three-piece body, enclosed bolting, full or reduced bore, free floating ball, fire-safe certified API-607, blow-out proof stem, forged body.

End to End: STANVAL Standard
End Threads: ASME B2.1 NPT
Socket Weld Ends: ASME B16.11
Buttweld Ends: ASME 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

OTHER QUALITY VALVE PRODUCTS

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

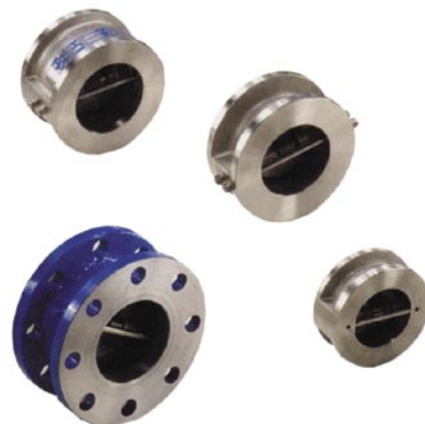
Dual Plate

Pressure Class: ASME 125-1500

Size Range: 2"-48"

API Standard: 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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