

GWC ITALIA

Proven technology
for individual valve solutions
worldwide



GWC ITALIA

Worldwide Network

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GWC Italia SpA with its Headquarters in Milan, Italy fully designs, manufactures and markets valves with one of the most extensive Trunnion Mounted Ball Valve lines you will find in the Industry today. GWC Italia which was founded by an Italian Group & USA Entrepreneurial Management team has a history of building and managing successful valve Manufacturing companies over the past 40 years. GWC Italia Valves are used in major applications for Upstream, Downstream & Transportation Segments of the Oil & Gas Industry, E&P, Petrochemical, Chemical, Mining/Minerals, Power, Marine and Industrial markets.

GWC Italia's extensive line of valve and flow control products include:

- Trunnion Mounted Ball Valves (soft & metal seated)
 - Split Body
 - Top Entry
 - Welded Body
 - Subsea
 - Cryogenic & High Temperature
 - Compact Body (Twin Ball)
- Floating Ball Valves
- Pipeline Gate and Check Valves
- Gate, Globe and Check Valves including Cast & Forged
- Needle & Gauge Valves



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CERTIFICATIONS & STANDARDS

American Standards

American Petroleum Institute

API-6D	Specification for Pipeline Valves
API-6D SS	Specification for Subsea Pipeline Valves
API-6A	Specification for Wellhead and Christmas Tree Equipment
API-6FA	Specification for Fire Test for Valves
API-598	Valve Inspection and Testing
API-600	Bolted Bonnet Steel Gate Valves for Petroleum and Natural Gas Industries
API-602	Compact Steel Gate Valves-Flanged, Threaded, Welding and Extended-Body Ends
API-607	Fire Test for Soft-Seated Quarter-Turn Valves
API-608	Metal Ball Valves - Flanged, Threaded, and Welding End
API-Q1	Specification for Quality Programs for the Petroleum, Petrochemical & Natural Gas

International Standards

ISO 9001	Quality Management Systems
ISO 14001	Environmental Management
OHSAS 18001	Occupational Health and Safety Management System
ISO/TS 29001	Petroleum, Petrochemical and Natural Gas Industries - Sector Specific Quality Management Systems
CE/PED	Pressure Equipment Directive
TR CU	Technical Regulations of the Customs Union
CRN	Canadian Registration Number
Z245.15.96	Pipeline Steel Valves
ATEX	European for explosive atmosphere
SIL3	Measurement of performance required for safety instrument function
ABS	American Bureau of Shipping



Flanged Unibody Ball Valves

The GWC unibody ball valves are designed, constructed, and tested according to API and ASME/ANSI Standards. Other international standards including BS and DIN are also available on request.



SIZE RANGE: 2" - 10"
PRESSURE CLASS: ASME 150 - 600
API STANDARDS: 6D & 608
ASME B16.34

FEATURES

- ▶ REDUCED BORE
- ▶ 2-PIECE BODY
- ▶ ANTI-BLOW OUT STEM
- ▶ ANTI-STATIC DEVICE
- ▶ FIRESAFE TO API-607/6FA
- ▶ ZERO EMISSIONS FROM STEM
- ▶ NACE MR-01-75

Flanged Split Body Ball Valves

The GWC split body ball valves are designed, constructed, and tested according to API and ASME/ANSI Standards. Other international standards including BS and Din are also available on request.



SIZE RANGE: 1/2" - 8"
PRESSURE CLASS: ASME 150 - 600
API STANDARDS: 6D & 608
ASME B16.34

FEATURES

- ▶ FULL BORE AND REDUCED BORE
- ▶ 2-PIECE BODY
- ▶ ANTI-BLOW OUT STEM
- ▶ ANTI-STATIC DEVICE
- ▶ FIRESAFE TO API-607/6FA
- ▶ ZERO EMISSIONS FROM STEM
- ▶ NACE MR-01-75

API 6D Swing Check Valves

GWC produces a full line of API 6D Full Opening Swing Check Valves in both carbon steel and low temp materials as well as full stainless steel as required.



SIZE RANGE: 2" - 36"
PRESSURE CLASS: ASME 150 - 2500
API STANDARDS: 6D
ASME B16.34

FEATURES

- ▶ FULL OPEN PIGGABLE DESIGN
- ▶ CAST CARBON STEEL BODY
- ▶ 316 STAINLESS STEEL TRIM STANDARD
- ▶ BOLTED TOP ENTRY WITH 1/2" NPT BLEED PLUG ON COVER
- ▶ 90 DUROMETER ORING SEAL IN CLAPPER
- ▶ BUBBLE TIGHT SHUTOFF
- ▶ IN-LINE REPAIRABLE
- ▶ SUITABLE FOR VERTICAL OR HORIZONTAL INSTALLATION
- ▶ NACE MR0175

Cast Steel Valves Gate, Globe & Check

GWC produces a wide variety of Cast Steel Gate, Globe, and Check valves. Other available designs include cast steel angle valves, O-ring seal block and bleed gate valves and cryogenic valves.



SIZE RANGE: 2" - 60"
PRESSURE CLASS: ASME 150 - 1500
API STANDARDS: 600 & 603
ASME B16.34

FEATURES

- ▶ FLANGED, RF, RTJ, BW ENDS
- ▶ WELDED IN SEAT RINGS
- ▶ LOW EMISSIONS PACKING
- ▶ SINGLE PIECE STEM DESIGN
- ▶ SOLID FLEXIBLE WEDGE

Pressure Seal Valves Gate, Globe & Check

GWC produces a wide variety of Cast Steel Pressure Seal Gate, Globe and Check valves. Other available pressure seal designs include Tilting Disc, Piston Type and Stop Check valves.



SIZE RANGE: 2" - 24"
PRESSURE CLASS: ASME 600 - 2500
API STANDARDS: 600
ASME B16.34

FEATURES

- ▶ FLANGED, RF, RTJ, BW ENDS
- ▶ WELDED IN SEAT RINGS
- ▶ LOW EMISSIONS PACKING
- ▶ SINGLE PIECE STEM DESIGN
- ▶ SOLID FLEXIBLE WEDGE

Forged Steel Valves Gate, Globe & Check

GWC produces a wide variety of Forged Steel Gate, Globe, and Check valves. Other available designs include y-pattern globe and check valves and cryogenic valves.



SIZE RANGE: 1/4" - 3"
PRESSURE CLASS: ASME 150 - 2500
API STANDARD: 602
ASME B16.34

FEATURES

- ▶ FNPT, SW, FLANGED RF, RTJ, BW ENDS
- ▶ LOW EMISSIONS PACKING
- ▶ SINGLE PIECE STEM DESIGN
- ▶ SOLID WEDGE

Threaded & Socket-Weld Floating Ball Valves

GWC small floating valves are available in high pressure up to 6000 psi as well as general use commodity application.



SIZE RANGE: 1/4" - 3"
PRESSURE CLASS: ASME 800 - 1500
PRESSURE RANGE: 800 - 6,000 WOG

FEATURES

- ▶ 1, 2 & 3 PIECE BODY
- ▶ FULL AND REDUCED BORE
- ▶ ANTI-BLOW OUT STEM
- ▶ ANTI-STATIC DEVICE
- ▶ AVAILABLE FIRESAFE TO API-607
- ▶ NACE MR-01-75

Oilfield Floating Ball Valves

GWC Oilfield Ball Valves are available in low and high pressure up to 5000 psi



SIZE RANGE: 1" - 4"
PRESSURE CLASS: ASME 750 - 5000

FEATURES

- ▶ 2 PC THREADED OR BOLTED CONSTRUCTION
- ▶ FULL AND REDUCED BORE
- ▶ ANTI-BLOW OUT STEM WITH GREASE FITTING
- ▶ ANTI-STATIC DEVICE
- ▶ FIRESAFE DESIGN
- ▶ HEAVY DUTY LOCKING HANDLE
- ▶ NACE MR-01-75

Needle & Gauge Valves

GWC needle and gauge valves are designed and produced for accurate regulation at pressure up to 10,000 psi.



SIZE RANGE : 1/4" - 1"
PRESSURE RANGE: 6,000 - 10,000 WOG

FEATURES

- ▶ HEAVY DUTY BODY
- ▶ METAL TO METAL BACK SEAT
- ▶ O-RING STEM SEAL
- ▶ THREADED BONNET CONNECTION
- ▶ NACE MR-01-75

CATALOG	VALVE TYPE	DESIGN CODE	VALVE SIZE	PRESSURE CLASS	MATERIAL DESCRIPTION
TBV-1003	Trunnion Mounted Ball Valves	API 6D, API 6A & ASME B16.34	2" TO 64"	ASME 150 TO ASME 2500, API 6A 2000 - 15000	A105N, A216 WCB, A352 LCC, A350 LF2,A352 LCB, A351 CF8, A351 CF8M, A182 F304, A182,F304L, A182 F316, A182 F316L, A351 CF3, A351,CF3M,A351 CN-7M, A182 F51, A182 F53, A182 F55,A890-6A, A890- 5A, A890- 4A
FBV-1002	Flanged Floating Ball Valves	API 6D, API 608 & ASME B16.34	1/2" TO 10"	ASME 150 TO ASME 600	A216 WCB, A352 LCB, A352 LCC, A351 CF3,A351 CF3M, A351 CN-7M, A351 CF8,A351 CF8M, A890-6A, A890- 5A, A890- 4A ,B148
SBV-1002	Floating Ball Valves, Threaded & Socket Weld	ASME B16.34	1/2" TO 2"	ASME 800 & 1500	A105N, A182 F316
	Floating Ball Valves, Threaded	ASME B16.34	1/4" TO 3"	1000WOG TO 6000WOG	A216 WCB, A351 CF8M, AISI 1018
	Floating Ball Valves, Threaded & Socket Weld	ASME B16.34	2-1/2" TO 3"	800WOG	A216 WCB, A351 CF8M
SC-1002	Full Opening Swing Check Valves	API 6D	2" TO 36"	ASME 150 TO ASME 2500	A216 WCB, A352 LCC, A351 CF8M
OBV-1001	Oilfield Ball Valve	ASME B 16.34	1" TO 4"	750WOG TO 5000WOG	A105N, A216 WCB, A352 LCC, A350, LF2, ASTM A395
CSV-1004	Cast Steel Gate Valves	API 600, API 603 & ASME B 16.34	2" TO 60"	ASME 150 TO ASME 1500	A216 WCB, A216 WCC, A352 LCC, A352 LCB, A217,WC1, A217 WC6, A217 WC9, A217 C5, A217 C12,CF8C, A351 CN-7M, ,A351 CF8, A351 CF8M, A351 CF3, A351 CF3M, A351,A890-6A, A890- 5A, A890- 4A
	Cast Steel Globe Valves & Angle Globe Valves	API 600, API 603 & ASME B 16.34	1-1/2" TO 20"		
	Cast Steel Swing Check Valves	API 600, API 603 & ASME B 16.34	2" TO 48"		
	O-Ring Seal Block & Bleed Gate Valves	API 600, API 603 & ASME B 16.34	2" TO 24"	ASME 150 TO ASME 300	A 216 WCB
	Cast Steel Cryogenic Gate,Globe & Check Valves	API 600, API 603 & ASME B 16.34	2" TO 24"	ASME 150 TO ASME 600	A351 CF8, A351 CF8M
PS-1002	Pressure Seal Gate Valves	API 600& ASME B 16.34	2" TO 24"	ASME 600 TO ASME 2500	A216 WCB, A216 WCC, A352 LCC, A352 LCB, A217, A351 CF8, A351 CF8M, A351 CF3, A351 CF3M, A351 WC1, A217 WC6, A217 WC9, A217 C5, A217 C12, CF8C, A351 CN-7M, A890-6A, A890- 5A, A890- 4A
	Pressure Seal Globe Valves	ASME B16.34	2" TO 24"	ASME 600 TO ASME 2500	
	Pressure Seal Check Valves	ASME B16.34	2" TO 24"	ASME 600 TO ASME 2500	
FSV-1005	Forged Steel Gate Valves	API 602 & ASME B16.34	1/4" TO 2"	ASME 150 TO ASME 1500 & CLASS 800	A105N, A350 LF2, A182 F11, A182 F22, A182 F5, A182 F9,A182 F91, A182 F91A182 F304, A182 F304L, A182, F304L,A182 F316,A 182 F 316 L ,A182 F347 ,B148 , B 462,ALLOY 20, A182 F51, A182 F53, A182 F55
	Forged Steel Globe Valves	ASME B16.34	1/4" TO 2"		
	Forged Steel Check Valves, Swing, Piston & Ball	ASME B16.34	1/4" TO 2"		
NGV-1002	Needle Valves	ASME B16.34	1/4" TO 1" 1/4" TO 1/2"	6000WOG & 10,000WOG	A105, A351 CF8M, AISI 12L14
	Gauge Valves	ASME B16.34	1/2"	6000WOG	



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