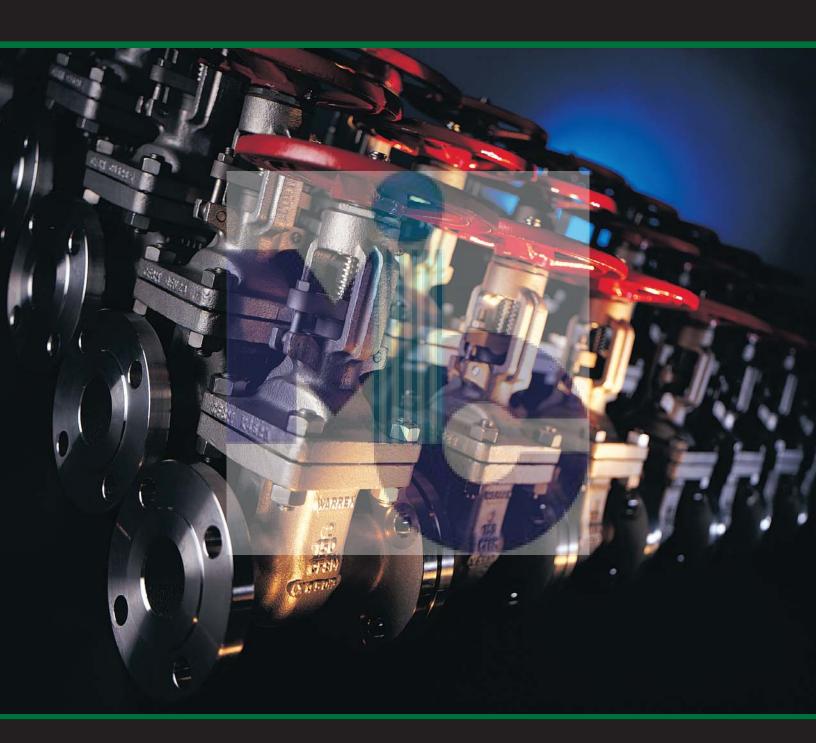
WARREN VALVE



Condensed Valve Guide

Gate · Globe · Check · Ball · Strainer

Gate, Globe & Check Valves



Gate

Sizes	1/2"-36"		
Pressures	Class Figure		
	150 -	#1156	
	300 -	#1306	
	600 -	#1606	
	900 -	#1906	
	1500 -	#1506	
Materials	CF8M, CF8, CF3M,		317,
	Alloy 20	V12MW)	
	& other Special Alloys		
Ends	Flanged & Butt Weld		
Options	Cryogenics, Trim		
	Modifica	Gears	



Globe

Sizes	1/2"-12"
Pressures	Class Figure
	150 - #2156
- 10	300 - #2306
	600 - #2606
10.0	900 - #2906
	1500 - #2506
Materials	CF8M, CF8, CF3M, 317,
	Alloy 20, C-276 (CW12MW)
	& other Special Alloys
Ends	Flanged & Butt Weld
Options	Cryogenics, Trim
10000	Modifications, Bevel Gears



Check

Sizes	1/2"-24"		
Pressures	Class	Figure	
	150 -	#3156	
	300 -	#3306	
	600 -	#3606	
	900 -	#3906	
	1500 -	#3506	
Materials	CF8M,	CF8, CF3M, 317,	
	Alloy 20), C-276 (CW12MW)	
	& other	Special Alloys	
Ends	Flanged & Butt Weld		
Options	Cryogenics, Trim		
	Modifications		







Cast Stainless Gate, Globe, Check

		•
Sizes	1/2"-3"	1/2"-2"
Pressures	200 PSI W.O.G.	Class 150
Materials	CF8M	CF3M, Alloy 20,
		Special Alloys
Ends	Threaded	Threaded, Socket Weld
Check	1/4"-2" Y Pattern	Swing
Design	2½"-3" T Pattern	

Cast Carbon Gate, Globe, Check

	Gate	Globe	Check
Sizes	2"-36"	2"-18"	2"-24"
Pressures	Class 150, 300, 600, 900 & 1500#	Class 150, 300, 600, 900 & 1500#	Class 150, 300, 600, 900 & 1500#
Materials	WCB	WCB	WCB
Ends	Flanged, Butt Weld & RTJ	Flanged, Butt Weld & RTJ	Flanged, Butt Weld & RTJ
Features	OS&Y, Rising Stem, Flexible Wedge, Bolted Bonnet, Welded Seat Rings	OS&Y, Rising Stem, Plug Disc, Bolted Bonnet, Welded Seat Rings	Bolted Cover, Exterior Hinge Pin, Swing Type Disc, Welded Seat Rings
Options		Trim: API 12 to NACE & API 5 to NACE Avail. Bevel Gears	









Forged Stainless Gate, Globe, Check

Sizes	1/4"-2"		
Pressures	800 & 1500		
Materials	ASTM A-182, F316L,	304L,	
	Alloy 20		
Ends	Threaded & Socket Weld		
Port	Standard		
Bonnets	Bolted		
Features	OS&Y, Rising Stern,	Solid	
	Wedge, Pressed in Seat		
	Rings		
Options	Options Flanged Ends, Full Port,		
	Cyrogenics		

Forged Carbon Gate, Globe, Check

	Threaded & Socket	Flanged
	Weld	
Sizes	1/4"-2"	1/4"-2"
Pressures	Class 800 & 1500	Class 150-300
Materials	ASTM A105N, LF2, F5,	ASTM A105N, LF2, F5,
	F9, F11, F22	F9, F11, F22
Ends	Threaded & Socket Weld	Raised Face Flanged
Port	Standard	Standard
Bonnets	Bolted & Welded	Bolted
Features	NACE MRO-175, Piston	NACE MRO-175, Piston
	Lift (#854), OS&Y, Rising	Lift (#3155PF), OS&Y,
	Stem, Solid Wedge,	Rising Stem, Solid Wedge,
	Pressed in Seat Rings,	Pressed in Seat Rings,
	Plug Disc on Globe	Plug Disc on Globe
Options	Full Port	Full Port, 600# Class







Y-Pattern Strainers

	#7156	#7806	#227
Sizes	1½"-12"	1/4"-2"	1/4"-2"
Pressures	Class 150	Class 800	800 W.O.G.
Materials	CF8M	Forged	CF8M
Ends	Flanged	Threaded & Socket Weld	Threaded

Needle Globe

Sizes	1/8"-1"	
Pressures	6000 & 10,000 PSI W.O.G.	
Materials	316 SS	
Ends	MxF NPT & FxF NPT	

Wafer Check

Sizes	1½"-36"
Pressures	Class 150
Materials	CF8M, WCB
Ends	Flanged



Ball Valves



One-Piece Ball

Two-Piece Ball

Sizes	1/4"-2"
Pressures	800 PSI W.O.G.
Materials	CF8M
Ends	Threaded
Features	Lock Device
Options	Oval Handles

	#1020	#1022	#10 50	#1052
Sizes	1/4"-2"	1/4"-4"	1/4"-2"	1/4"-2"
Pressures	1500-2000 PSI	1000 PSI W.O.G.	1500-2000 PSI	1000 PSI W.O.G.
	W.O.G.		W.O.G.	
Materials	CF8M	CF8M	WCB	WCB
Ends	Threaded	Threaded	Threaded	Threaded
Ports	Reduced	Full	Reduced	Full
Features	Locking Device & ISO			
	5211 Mounting Pad	5211 Mounting Pad	5211 Mounting Pad	5211 Mounting Pad
Options	Oval Handles, Stem	Oval Handles, Stem	Oval Handles, Stem	Oval Handles, Stem
	Extensions, Automation	Extensions, Automation	Extensions, Automation	Extensions, Automation





Trunnion Mounted Ball

Three-Piece Ball

	Forged	Cast
Sizes	2"-24"	4"-24"
Pressures	Class 150, 300, 600, 900, 1500	Class 600, 900, 1500
Materials	A-105, LF2, 316, 316L	CF8M, WCB x S/S
Ends	RF, WE, RTJ	Flanged
Ports	Full, Reduced	Full, Reduced
Features	ISO 5211 Mount Pad, Fire Safe to API 607 w/ Emergency Grease Seals, NACE, Anti- static Device	ISO 5211 Mount Pad, Fire Safe to API 607, NACE, Anti-static Device
Options	Special Seats and Seals, Stem Extensions, Worm Gears and Automation	Special Seats and Seals, Stem Extensions, Worm Gears and Automation

	#366	#356	#1030
Sizes	1/4"-2"	1/4"-2"	1/2"-4"
Pressures	1500-2000 PSI W.O.G.	1500-2000 PSI W.O.G.	½"-2": 1500 PSI W.O.G. 2½"-4": 1000 PSI W.O.G.
Materials	316 SS, Alloy 20, C-276 (CW12MW)	WCB x S/S	316 SS
Ends	Threaded & Socket Weld	Threaded & Socket Weld	Threaded & Socket Weld
Ports	Full	Full	Full
Features	Locking Device, 316L End Caps, ISO 5211 Mounting Pad and Fire Safe to API 607 4th Edition	Locking Device, ISO 5211 Mounting Pad and Fire Safe to API 607 4th Edition	Locking Device and 316L End Caps
Options	,	Oval handles, Stem Extentions & Automation	Oval handles, Stem Extentions & Automation
	#322 (Alloy 20) & #399 (C-276) Available In Stock		







	#1010C	#1022C	#1030C	#6156C
Sizes	1/4"-2"	1/4"-2"	1/4"-2"	1½" - 4"
Pressures	800 PSI W.O.G.	1000 PSI W.O.G.	1000 PSI W.O.G.	Class 150
Materials	CF8M	CF8M	CF8M	CF8M
Ends	1-Pc. Threaded		3-Pc. Threaded & Socket Weld	2-Pc. Flanged
Port	Reduced	Full	Full	Full Port
Features	Locking Device	Locking Device	Locking Device	Locking Device
Options	Oval handles		Oval handles & stem extensions	



Standard & Full Port Ball

	#5156	#6156
Sizes	1½"-6"	1/2"-6"
Pressures	Class 150	Class 150
Materials	CF8M	CF8M
Ends	Flanged	Flanged
Features	Locking Device,	Locking Device,
	ISO 5211	ISO 5211
	Mounting Pad, Anti	Mounting Pad, Anti
	static Device	static Device
Options	Stem Extensions,	Stem Extensions,
	Worm Gears, and	Worm Gears, and
	Automation	Automation

API 607 Fire Safe Ball

	#5156FS	#6156FS	#5155FS
Sizes	1½"-10"	1/2"-14"	1½"-14"
Pressures	Class 150 & 300	Class 150, 300, 600, 900, 1500	Class 150 & 300 (full port 6155 FS)
Materials	CF8M, CF3M, CF8, Alloy 20 & C-276 (CW12MW)	WCB x 316, CF8M, Alloy 20 & C-276 (CW12MW)	WCB x 316, CF8M, Alloy 20 & C-276 (CW12MW)
Ends	Flanged	Flanged	Flanged
Ports	Reduced	Full	Full (not pictured) & Reduced
Features	Locking Device, ISO 5211 Mounting Pad, Anti-static Device, and Fire Safe to API 607 4th Edition	Locking Device, ISO 5211 Mounting Pad, Anti-static Device, and Fire Safe to API 607 4th Edition	Locking Device, ISO 5211 Mounting Pad, Anti-static Device, and Fire Safe to API 607 4th Edition
Options	Special Seats and Seals, Stem Extensions, Worm Gears, and Automation	Special Seats and Seals, Stem Extensions, Worm Gears, and Automation	Special Seats and Seals, Stem Extensions, Worm Gears, and Automation

Ball Valves



Series W10 Seal Welded Ball

Sizes	1/4"-3"	
Pressures	1000 W.O.G. All Sizes	
Materials	CF8M	
Ends	Threaded (NPT)	
Seats	RTFE	
Ports	Full	
Features	Seal Welded Constructio	n, NACE
	MR-01-75 Compliant, Sta	ındard
	Actuator Mounting Pad &	Locking
	SS Handles	
Options	Locking SS Oval Handles	3



Series W20

Seal Welded Ball

Sizes	1/4"-2"
Pressures	2000 W.O.G. All Sizes
Materials	CF8M
Ends	Threaded (NPT) and MxF NPT
Seats	RTFE
Ports	Full (¼"-½"), Reduced (¾"-2")
Features	Seal Welded Construction, NACE
100	MR-01-75 Compliant, Standard
198	Actuator Mounting Pad & Locking
	SS Handles
Options	Locking SS Oval Handles



Series W21

Seal Welded High Pressure Ball

Sizes	1/4"-2"
Pressures	Class 900, 2160 W.O.G.
Materials	CF8M
Ends	Threaded (NPT)
Seats	RTFE
Ports	Full (1/4"-3/8"), Reduced (1/2"-2")
Features	Seal Welded Construction, Fully Compliant ASME B16.34 & API 608, NACE MR-01-75 Compliant, API 607 4th Edition, Standard ISO Actuator Mounting Pad & Locking SS Handles
Options	Locking SS Oval Handles



Series W36 Seal Welded High Pressure Ball

	
Sizes	1/4"-2"
Pressures	Class 1500,3600 W.O.G. (all sizes)
Materials	CF8M
Ends	Threaded (NPT) and Socket Weld
Seats	Delrin & Peek
Ports	Reduced and Full
Features	Seal Welded Construction, Fully Compliant ASME B16.34 & API 608, NACE MR-01-75 Compliant, API 607 4th Edition, Standard ISO Actuator Mounting Pad & Locking SS Handles
Options	Locking SS Oval Handles

Series W50 High Pressure Ball

Sizes	1/4"-2"
Pressures	5000 W.O.G. All Sizes
Materials	CF8M
Ends	Threaded (NPT)
Seats	Delrin
Ports	Reduced and Full
Features	Seal Welded Construction, NACE MR-01-75 Compliant, API 607 4th Edition, Standard ISO Actuator Mounting Pad and Locking SS Handles



Seal Welded Extreme Pressure Ball

Sizes	1/4"-2"
Pressures	Class 2500,6000 W.O.G. (all
	sizes)
Materials	CF8M
Ends	Threaded (NPT), MxF NPT and
	Socket Weld
Seats	Peek
Ports	Reduced and Full
Features	Seal Welded Construction, Fully
	Compliant ASME B16.34 & API
	608, NACE MR-01-75 Compliant,
	API 607 4th Edition, Standard ISO
	Actuator Mounting Pad & Locking
	SS Handles







3-Way Threaded Ball

Sizes	1/4"-2"
Pressures	1000 PSI W.O.G.
Materials	CF8M
Ends	Threaded
Seats	RTFE
Ports	Standard L Port or T Port
Features	Locking Device & ISO 5211 Mounting Pad



3-Way Ball

Sizes	1½"- 6"	
Pressures	Class 150	
Materials	CF8M (other mat	erial available upon request)
Ends	Flanged	
Seats	RTFE	
Ports	Full Port, T Port	Design, L Port Design
Features	Locking Device,	ISO 5211 Mount Pad
Design	3-Seat	

Valve Modifications



Warren Alloy's in-house modifications and options include:

- Packing and Gasket
- Seats and Seals
- Trim
- Cryogenics
- Extended Bonnet
- Stem Extension
- Oval Handles
- By-Pass
- Vent Hole

- Steam Jacket
- Soft Disc Inserts
- Outside Lever and Weight
- Actuation
- Gears
- Oxygen Cleaning Service
- DTP
- End Conversions

Warren can custom manufacture in other materials and grades. Contact us to discuss your specific requirements.

Quality

Warren Valves are subject to rigorous quality inspections, Our comprehensive evaluation includes on-site audits, inspection at the source, receiving inspections, and destructive material testing. This ongoing process ensures that Warren Valves are manufactured to the highest industry standard.





Figure Number Ordering Guide

Cast Flanged End Gate, Globe, Check, Ball, & Strainer

Valv	е Туре	Pressure Rating	Mate	rial	Cast Carbon Steel	Other
1 - Gate	7 - Y-Strainer	8 - 800 WOG	5 - Carbon Steel WCB	3 - 347 SS, CF8C	8 - 13 Cr / HF	FS* - Fire Safe API 607 4th
2 - Globe	8 - Wafer Check	15 - 150 lb.	4 - 304 SS, CF8	7 - 317 SS, CG8M	5 - HF / HF to NACE	*Pertains only to Fire Safe API
3 - Swing Check	L - 3-Way Ball L-Port (Full)	30 - 300 lb.	6 - 316 SS, CF8M	8 - M-35-1	12 - 316 / HF to NACE	607 4th Edition Ball Valve
5 - Standard Port Ball	T - 3-Way Ball T-Port (Full)	60 - 600 lb.	2 - Alloy 20, CN7M	9 - C-276 (CW12MW)	10 - 316 / 316	T - THD x THD
6 - Full Port Ball		90 - 900 lb.	1 - 321 SS	X - Special		S - SW x SW
		50 - 1500 lb.				TS - THD x SW

Seal Welded Ball Valves

Series	Port	Body Material	Ball &	Stem Material	Seat Material	Seal(s) Material*	Ends
W10 - Seal Welded 1000 WOG	R - Reduced Port	S - 316SS, CF8M	S-	316 SS, CF8M	P - PEEK	P - PEEK	T - NPT x NPT
W20 - Seal Welded 2000 WOG	F - Full Port				R - RPTFE	R - RPTFE	S* - SWE x SWE
W21 - Seal Welded 2160 WOG				100	D - DELRIN	G - GRAPHITE	
W36 - Seal Welded 3600 WOG						*Denotes the limited	*Available on Series
W50 - Seal Welded 5000 WOG			- 4	81111		seal material	W36 & W60
W60 - Seal Welded 6000 WOG			400				

Three Piece Fire-Safe Ball Valves

Design Type	Body Material	Ball & Stem Material	Port Type	Seats	Body Gasket &
					Stem Packing
3 - Three Piece	5 - Carbon Steel WCB	6 - 316 SS, CF8M	R - Reduced Port	T - PTFE	T - PTFE
	6 - 316 SS, CF8M	2 - Alloy 20, CN7M	F - Full Port	R - RTFE	R - RTFE
	w/316L CF3M End Caps				30.
	2 - Alloy 20, CN7M	9 - C-276 (CW12MW)		P - PEEK	G - GRAPHITE
	9 - C-276 (CW12MW)	100	-68		

One, Two & Three Piece Ball Valves

Design Type	Figure Number	Body Materials	Port Type	Seats	Body Gasket & Stem Packing
1 - One Piece	1010	316 SS, CF8M	Reduced	T - PTFE	T - PTFE
Two Piece	1020, 1022, 1050, 1052	316 SS, CF8M & WCB	Full & Reduced	R - RTFE	R - RTFE
Three Piece	1030	316 SS, CF8M	Full		

Forged A-105N Carbon Threaded & Socket Weld End

Design Type	Class 800 lb. BB	Class 800 lb. WB	Class 1500 lb. BB
Gate	851-T 851-S 851-TS	851W-T 851W-S	1551-5-T 1551-5-S
Globe	852-T 852-S	852W-T 852W-S	1552-5-T 1552-5-S
Swing Check	853-T 853-S	853W-T 853W-S	1553-5-T 1553-5-S
Piston Lift Check	854-T 854-S	854W-T 854W-S	1554-5-T 1554-5-S
Ball Check	855-T 855-S	855W-T 855W-S	1555-5-T 1555-5-S

Forged A-182 316L Stainless Threaded & Socket Weld End

Design Type	Class 800 lb.	Class 1500 lb.
Gate	801 HF	1501 HF
Globe	802 HF	1502 HF
Swing Check	803 HF	1503 HF
Piston Lift Check	804 HF	1504 HF
Ball Check	805 HF	1505 HF
Strainer	7806	

Also Available in stock: 304L, A-20. Available upon Request: F91, F321, F51

Forged A-105N RF Flanged Carbon Steel

Design Type	Class 150 lb. BB	Class 300 lb. BB
Gate	1155F	1305F
Globe	2155F	2305F
Swing Check	3155F	3305F
Piston Lift Check	3155PF	

Also Available in LF2, F5, F9, F11, F22 upon request.

*Note: Not all configurations are available on every valve. Materials other than listed may be available.

The information contained herein is not intended for specific construction or application purposes. Dimensions, specifications, or materials are subject to change without notice and without liability or obligation to furnish or install such changes or modifications on products previously or subsequently sold.



MATERIALES INDUSTRIALES DE COATZACOALCOS

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