

Economy Threaded Ball Valve
WCB ■ CF8M ■ Various other Alloys
1000 PSI (1/4" - 4")



SERIES 10



**GLOBAL VALVE
& CONTROLS**



Providing Hundreds of Products. Supporting Thousands of Clients. Controlling Millions of Gallons.

DEPEND ON US. WE CAN HANDLE THE PRESSURE.



SERIES G



GF-3



SERIESCK



GLF-4



SERIESGL



CKF-2



NVG6000



NV10000



™



20-RP



20-FP

GLOBAL VALVE & CONTROLS

Control > Quality
Flow <



SERIES SBG



SERIES EXPG



SERIES FS



BV2000



SERIES 2T/3T



BV3600



BV6000



CFS



SERIES 30

BV3705



YFS w/ MCB



FS525



SERIES 790



SERIES 10



SERIES 800



SERIES FSD-61

Discover the difference!



Series 10

- ◆ Sizes 1/4" - 4"
- ◆ 1000 W.O.G (PSI)
- ◆ 2-Piece Body Design, Full Port
- ◆ Threaded End Connections to ASME B1.20.1 (NPT)
- ◆ Carbon or Stainless Steel
- ◆ Blowout Proof Stem
- ◆ NACE MR0175 Compliant
- ◆ Adjustable Stem Packing
- ◆ High-Quality Investment Casting
- ◆ Locking SS Handle



GLOBAL Valve & Controls®  is an ISO 9001 certified and API 6D, Q1 licensed valve manufacturer of Domestic and Non Domestic products. Offering Ball, Globe, Gate, Expanding Gate, Slab Gate, Check, and Needle Valves; Actuators and Automation Accessories.

 accommodates & services the Upstream, Midstream & Down-stream market segments of the oil/gas industry, with a primary focus on Natural Gas Transport and Storage Projects, as well as, the Petrochemical, Agricultural, Mining, Water/ Waste Management, and Aerospace Industrial Sectors.

GLOBAL Valve & Controls® has the right valve for the right application, ranging from ANSI 150 through 2500, sizes 1/4 to 48", in Stainless Steel, Carbon Steel, Alloy 20, Monel, Duplex, and other various exotic body materials.

 also carries fully automated valve packages, fugitive emission solutions, control packages, cryogenic valves, as well as, various valve coating solutions. Special Ordering is available!

GLOBAL Valve & Controls® continues to make strides in elevating our company beyond industry standards, by being consistent in providing products that are of superior quality and performance, dedicating ourselves to quality assurance, and being immediately responsive to our customer needs. We look forward to the opportunity to supply your valve needs!

Sincerely

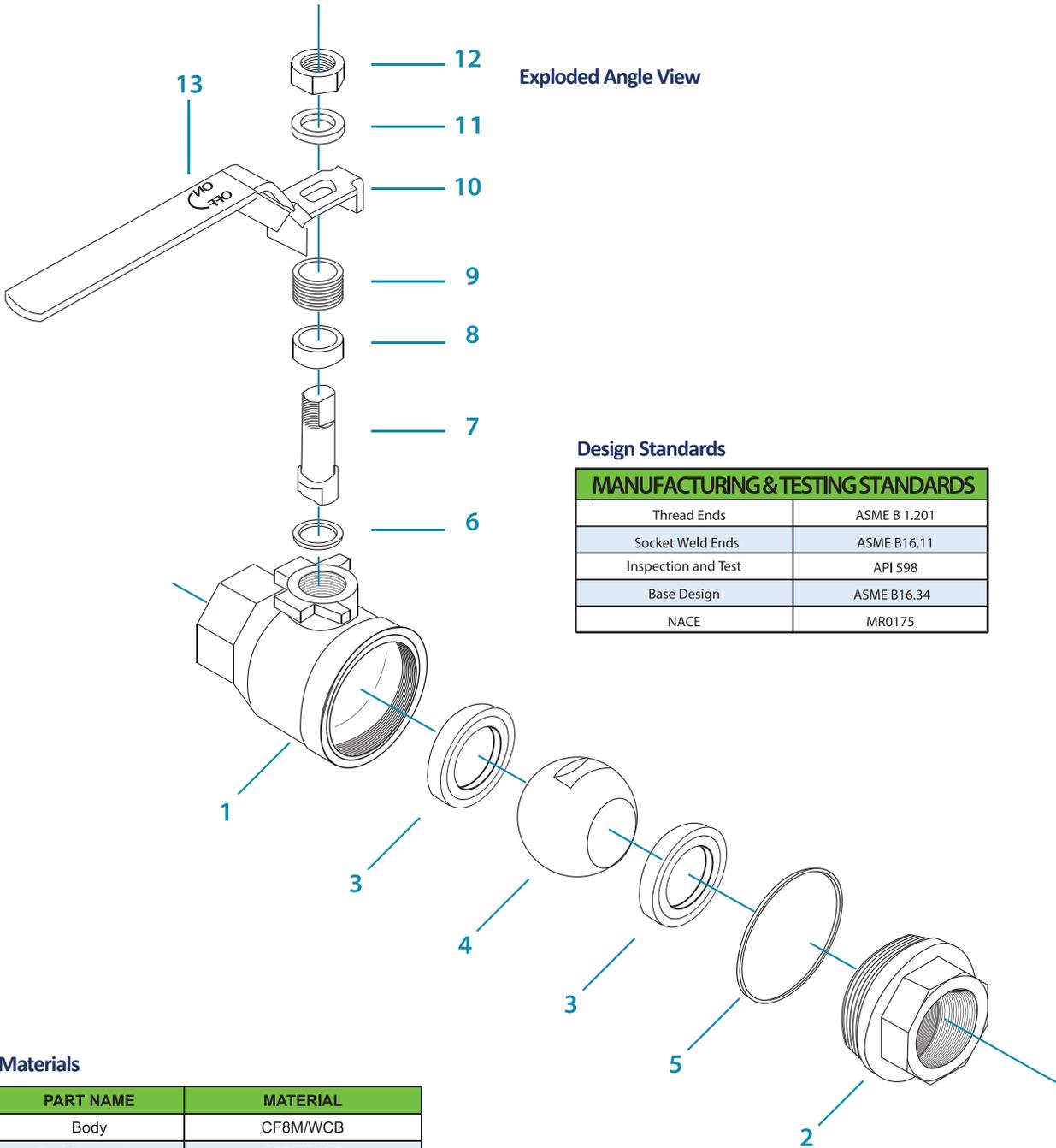


Troy Richard
CEO at GLOBAL Valve
& Controls



MATERIALS OF CONSTRUCTION

SERIES 10



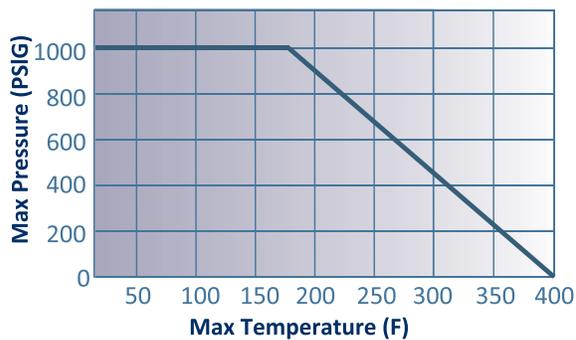
Design Standards

MANUFACTURING & TESTING STANDARDS	
Thread Ends	ASME B 1.201
Socket Weld Ends	ASME B16.11
Inspection and Test	API 598
Base Design	ASME B16.34
NACE	MR0175

Bill of Materials

NO.	PART NAME	MATERIAL
1	Body	CF8M/WCB
2	End Connector	CF8M/WCB
3	Seat	TFM/ Reinforced Teflon/ Teflon
4	Ball	316SS
5	Valve Body Gasket	Teflon®
6	Thrust Ring	PTFE®
7	Stem	316SS
8	Gland Packing	PTFE®
9	Gland	304SS
10	Handle (standard shown)	304SS
11	Stem Washer	304SS
12	Stem Nut	304SS
13	Handle Cover	Plastic

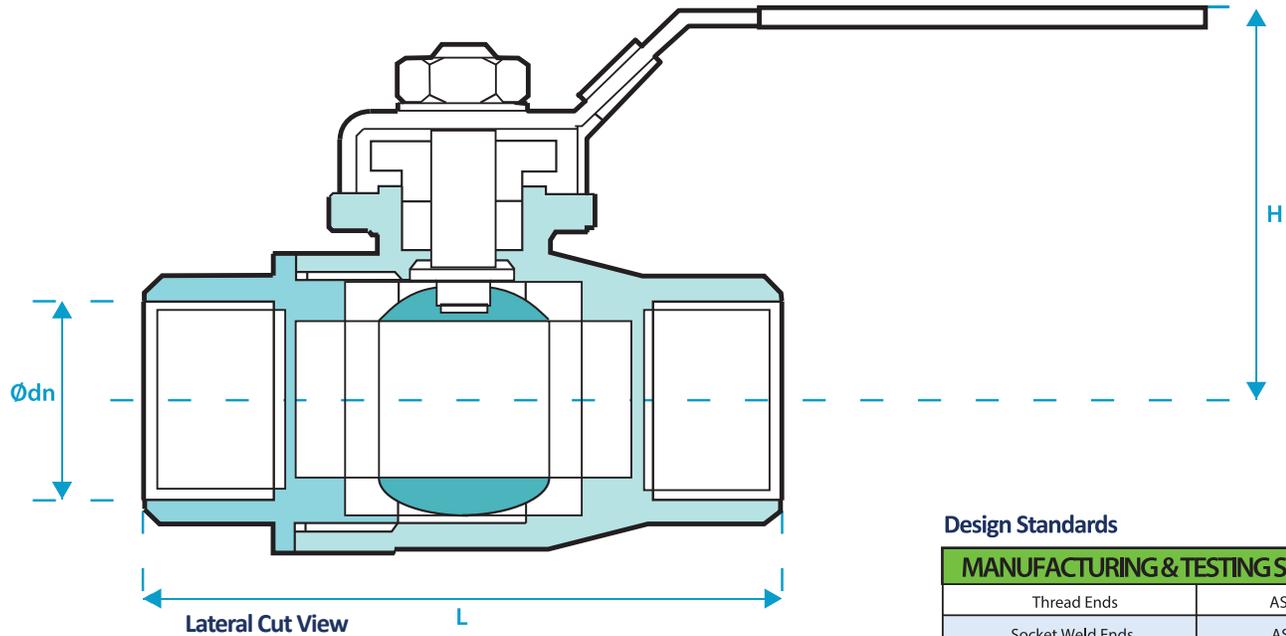
Pressure Temperature Rating





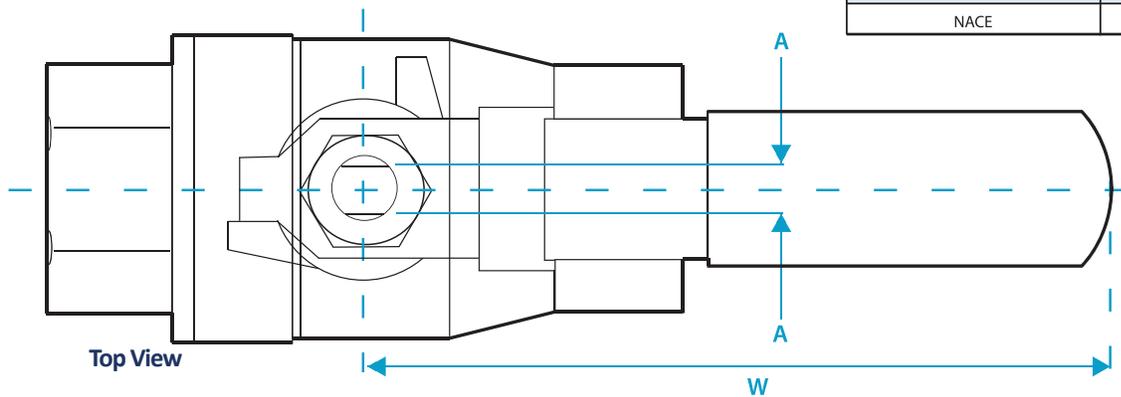
MATERIALS AND ENGINEERING DATA

SERIES 10



Design Standards

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Key

NO.	PART NAME
L	LENGTH (END TO END)
Ødn	DIAMETER OF BORE
A	DISTANCE FROM FLAT TO FLAT ON STEM
H	HEIGHT (CENTER OF BORE TO TOP OF VALVE)
W	DIAMETER OF HANDWHEEL/ LENGTH OF LEVER

CV Chart

SIZE	CV FACTOR	WEIGHT
1/4"	13	0.54
3/8"	25	0.52
1/2"	34	0.65
3/4"	61	1.10
1"	96	1.92
1 1/4"	128	2.85
1 1/2"	197	4.44
2"	400	7.08
2 1/2"	460	17.0
3"	510	22.0
4"	605	43.0

*CV = GPM results in a 1 psi pressure drop

Dimension Chart

UNITS	SIZE	Ødn	L	H	W
in	1/4"	0.46	2.01	1.81	3.90
mm	8	12	51	46	99
in	3/8"	0.50	2.01	1.81	3.90
mm	10	13	51	46	99
in	1/2"	0.59	2.36	1.89	3.92
mm	15	15	60	48	99.5
in	3/4"	0.79	2.80	2.05	3.92
mm	20	20	71	52	99.5
in	1"	1.00	3.15	2.68	5.04
mm	25	25	80	68	128
in	1 1/4"	1.26	3.58	2.87	5.04
mm	32	32	91	73	128
in	1 1/2"	1.50	4.09	3.19	5.71
mm	40	39	104	81	145
in	2"	2.00	4.88	3.90	5.71
mm	50	51	124	99	145
in	2 1/2"	2.50	6.30	4.69	8.74
mm	65	64	160	119	222
in	3"	3.00	7.28	5.20	8.74
mm	80	76	185	132	222
in	4"	4.00	9.00	—	13.00
mm	100	102	229	—	330



HOW TO ORDER

SERIES 10



SERIES 10

- ◆ Sizes 1/4" – 4" 1000 W.O.G. (PSI) Rated
- ◆ 2-Piece Body Design
- ◆ Full Port
- ◆ NACE MR0175 Complaint

Series	Body	Trim	Seats	Seals	Ends	Operator	Options	Size
10	1 - Carbon Steel	3 - 316SS	H-TFM	H-TFM	TE - Threaded Ends	L - Lever Handle	X - Special	1/4"
		X - Special	R- Reinforced Teflon	R- Reinforced Teflon				3/8"
	3 - 316SS							1/2"
								3/4"
								1"
	X - Special		T- Teflon (TFE)	T- Teflon (TFE)				1 1/4"
								1 1/2"
								2"
								2 1/2"
								3"
								3 1/2"
								4"

10	3	3	T	T	TE	-	.50
Series	Body	Trim	Seats	Seals	Ends	Options	Size

Description:

1/2" 1000 PSI, 2-Piece Body Design, Full Port, 316 Stainless Steel Body, F316 Stainless Steel Trim, Teflon Seats & Seals Threaded Ends, with OSHA Compliant Stainless Steel Locking Handle, NACE MR0175 Compliant

PLEASE NOTE: There may be some performance variations between the GVC Series 10 and other manufacturer's comparable body designs. To ensure the longevity of performance, please provide specific information relevant to the requirements needed for each application process.



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Please contact our sales representatives to receive more information regarding your systems particular needs.

Due to the ongoing development of our product line, Global Valve & Controls reserves the right to change the dimensions contained in the leaflet, as required.