

# BALL VALVES

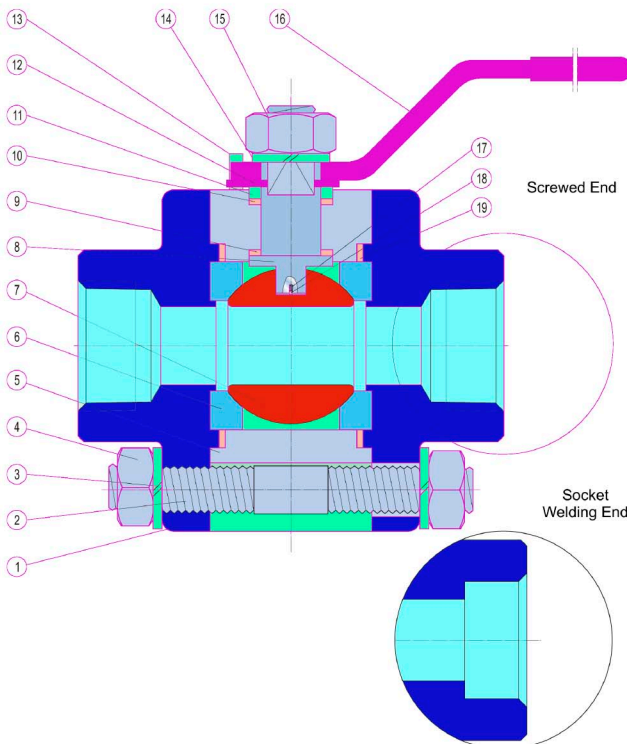
3 PCS FULL AND STANDARD PORT FORGED BALL VALVE 800# /1500#

## FEATURES

FULL PORT MINIMIZES PRESSURE DROP AND PROLONG LIFE  
PRESSURE /TEMPERATURE RATINGS:

- BODY – ASME B16.34 (CLASS 800 &1500)
- SEAT – AS PER TFV USA OPERATIONS CHARTS
- GENERAL VALVE DESIGN: EN 12516 / ASME B16.34
- SHELL WALL THICKNESS: ASME B16.34
- CONSTRUCTION: CAST & FORGED 3-PIECE
- FACE TO FACE DIMENSIONS: MANUFACTURER'S STANDARD, PER TFV USA OPERATIONS DRAWINGS
- END CONNECTIONS: NPT TO ASME B1.20.1, SW TO ASME B16.11
- PRESSURE TEST: API 598 (SEALING – BUBBLE TIGHT BI-DIRECTIONAL)
- FIRE SAFE TEST: API 607 ED. 4
- OPTIONS: NACE MR0175 LAST EDITION
- MATERIALS & TEST CERTIFICATION: EN 10204-2004 3.1
- MATERIAL AVAILABLE: VALVE: SS316L, TITANIUM, DUPLEX, HASTELLOY C, ETC. SEATS: PTFE, RPTFE, TFM 1600, CARBON FILLED PTFE, 50/50 SS FILLED PTFE, UHMWPE, PEEK, DELRO, METAL, ETC.
- MANUFACTURED IN ISO 9001 APPROVED FACILITY
- COMPLY WITH API 608.

series 83 &83F



## MATERIAL LIST

No.	PART NAME	MATERIAL	
1	ADAPTER	A105	316SS
2	BODYBOLT	A193B7	A193B8
3	SPRING WASHER	CS	SS
4	BOLT NUT	2H	B8
5	BODY	A105	316SS
6	SEAT	RPTFE	RPTFE
7	BALL	316SS	316SS
8	STEM	SS 304	SS 304
9	THRUST WASHER	PTFE	PTFE
10	STEM SEAL	PTFE	PTFE
11	GLAND	410	410
12	STOP PLATE	CS	SS
13	STOP PIN	CS	SS
14	SPRING WASHER	CS	SS
15	LEVER NUT	2H	B8
16	LEVER	CS	SS
17	ANTI STATIC SPRING	SS	SS
18	STEEL BALL	SS	SS
19	BODY GASKET	PTFE	PTFE

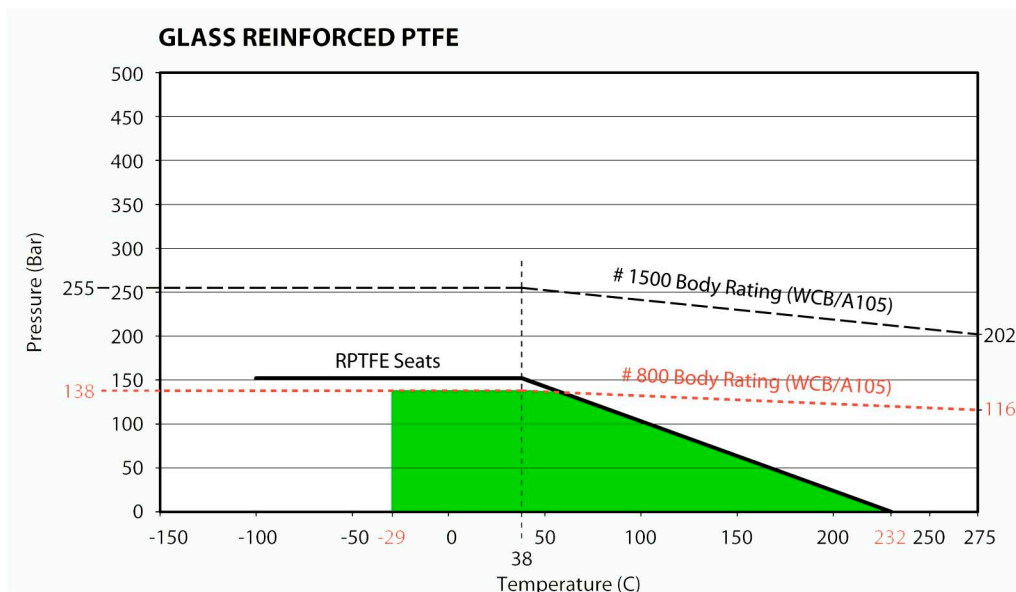
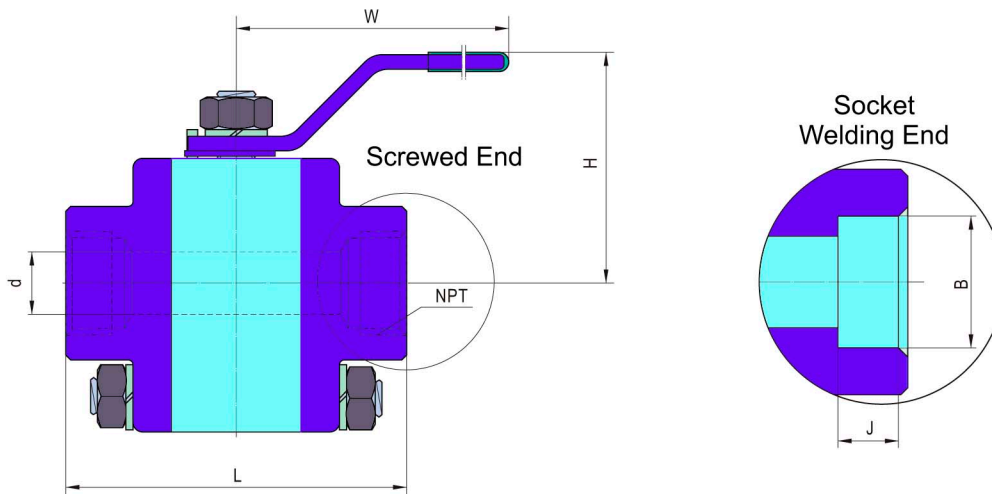
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## 3 PCS FULL AND STANDARD PORT FORGED BALL VALVE 800# /1500#

Class 800/1500

Size	d	L	H	W	B	J	NPT	Weight
in	mm	mm	mm	mm	mm	mm	in	Kg
1/2	13	92	65	140	21.8	10	1/2	1.5
3/4	18	111	75	140	27.1	13	3/4	1.7
1	23.5	127	85	200	33.8	13	1	3.3
1-1/4	28	140	98	230	42.6	13	1-1/4	7.0
1-1/2	35	152	105	240	48.7	13	1-1/2	8.0
2	49	172	115	240	61.2	16	2	11.0

Note: Butt Welding End is on request





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## HOW TO ORDER

CLASS	SERIES VALVE BODY DESIGN	FEATURES	MATERIAL			SEAT	ENDS	SIZE	OPERATION
			BODY	TRIM					
8 800# 15 1500#	3 Full Port 3 Pcs Ball Valve	NONE NONE	2 A105	3 316SS	P PTFE	T Threaded	0.25 1/4"	L Manual lever Operator	
		F Fire Safe API 607	3 316SS	4 304 SS	R R-PTFE	M Two different ends to be specify on each order	0.38 3/8"	C Manual Lever Operator with Locking Device	
		G Fire Safe API 607 + NACE	4 304SS	5 316L SS	U UHMWPE	S Socket Weld	0.5 1/2"	B Bare Shaft	
		O Oxigen Service NACE	5 316L SS	8 ALLOY 20	S 50/50 SS Filled PTFE	B Butt Weld	0.75 3/4"	SR Spring Return Sliding Lock	
		PJ Partial Jacketed	8 ALLOY 20	9 HASTELLOY	C Carbon Filled PTFE	F Flanged RF	01 1"	O Oval Handle	
		ND NACE/API 6D	9 HASTELLOY	0 MONEL	M MG1241		01.25 1 1/4"	X Economical Stem Extention	
		V3 "V" Port 30°	0 MONEL	T TITANIUM	D DELRIN		01.5 1 1/2"	P Peumatic Actuator	
		V6 "V" Port 60°	T TITANIUM		K PEEK		02 2"	E Electric Actuator	
					B NBR		02.5 2 1/2"		

Example

Full Port Ball Valve, Body & Trim 316SS, Seats: R-PTFE, Ends: Threaded, 1/2" 800# with Lever.

**8333RT0.5L**

