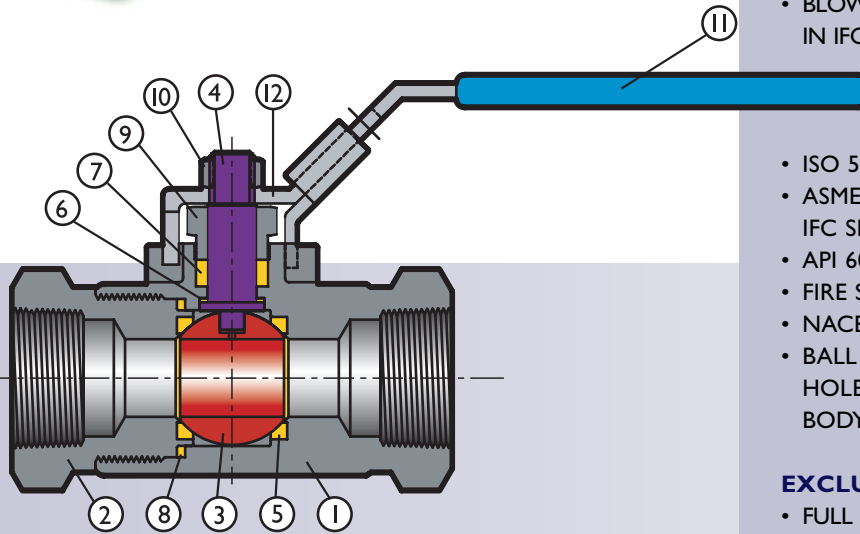


# IFC “STRONG-NECK” TWO PIECE BALL VALVES

## IFC SERIES 2FB1500/2SB1500 – ANSI CLASS 1500 LB

## IFC SERIES 2FB60/2SB60 – 6000 PSIG



### DESIGN FEATURES

- FULL PORT – SIZES 1/4”, 1/2”, 3/4” 1-1/2”
- REGULAR PORT – SIZES 1” AND 2”
- NPT ENDS TO ASME B1.20.1 OR SOCKET WELD ENDS TO ASME B16.11
- TWO PIECE BODY
- DELRIN SEATS STANDARD ON IFC SERIES 2FB1500, PEEK SEATS STANDARD ON IFC SERIES 2FB60
- STANDARD 316SS BALL
- BLOWOUT-PROOF STEM CONSTRUCTED FROM 316SS IN IFC SERIES 2FB1500 AND 17-4PH ON IFC SERIES 2FB60
  - ADJUSTABLE PACKING GLAND
  - STANDARD 304SS LOCKING LEVER HANDLES
- ISO 5211 4 BOLT MOUNTING
- ASME B16.34, CLASS 1500 COMPLIANT IFC SERIES 2FB1500
- API 608 COMPLIANT
- FIRE SAFE TO API 607 4TH EDITION AND ISO 10497
- NACE MR01-75 COMPLIANT
- BALL INCLUDES PRESSURE EQUALIZATION HOLE TO PREVENT TRAPPED PRESSURE IN BODY CAVITY.

### EXCLUSIVE TO IFC SERIES 2FB60

- FULL SEAL WELDED BODY TO ADAPTER CONNECTION.

### PARTS LIST AND STANDARD MATERIALS

ITEM	DESCRIPTION	SPECIFICATIONS			
		IFC SERIES 2FB1500TCSDL	IFC SERIES 2FB60TCSPL	IFC SERIES 2FB1500TSSDL	IFC SERIES 2FB60TSSPL
1	BODY	A216-WCB	A216-WCB	A351-CF8M	A351-CF8M
2	BODY CAP	A216-WCB	A216-WCB	A351-CF8M	A351-CF8M
3	BALL	316 STAINLESS STEEL	316 STAINLESS STEEL	316 STAINLESS STEEL	316 STAINLESS STEEL
4	STEM	316 STAINLESS STEEL	17-4 PH	316 STAINLESS STEEL	17-4PH
(I) 5	SEAT	DELRIN	PEEK	DELRIN	PEEK
(I) 6	STEM SEAL	DELRIN	PEEK	DELRIN	PEEK
(I) 7	STEM PACKING	GRAPHOIL	GRAPHOIL	GRAPHOIL	GRAPHOIL
(I) 8	ADAPTER GASKET	GRAPHOIL	GRAPHOIL	GRAPHOIL	GRAPHOIL
9	GLAND	316 STAINLESS STEEL	316 STAINLESS STEEL	316 STAINLESS STEEL	316 STAINLESS STEEL
10	NUT	304 STAINLESS STEEL	304 STAINLESS STEEL	304 STAINLESS STEEL	304 STAINLESS STEEL
II	HANDLE	304 STAINLESS STEEL	304 STAINLESS STEEL	304 STAINLESS STEEL	304 STAINLESS STEEL

### NOTES

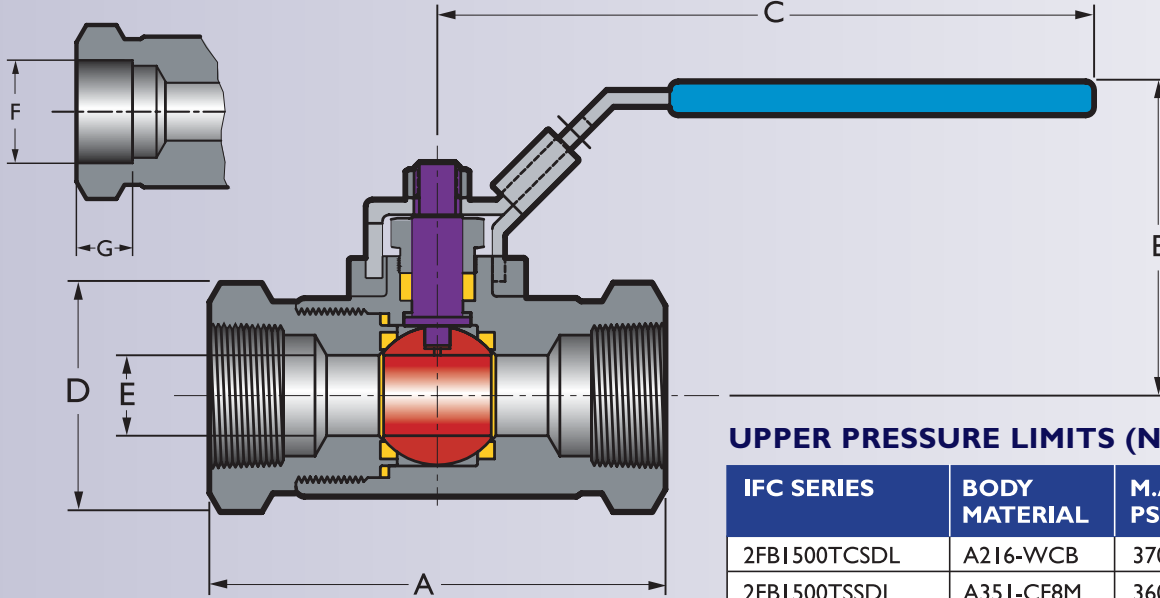
1. Standard items included in repair kit
2. Fire safe trim offered as standard whenever possible for valves. Consult IFC sales department for fire safe trim.
3. Valve materials of IFC Series meet the requirements of NACE MR01-75.
4. Other seat and seal materials available. See page 24.

# IFC “STRONG-NECK” TWO PIECE BALL VALVES

## IFC SERIES 2FB1500/2SB1500 – ANSI CLASS 1500 LB

## IFC SERIES 2FB60/2SB60 – 6000 PSIG

SOCKET WELD ENDS



### UPPER PRESSURE LIMITS (NON-SHOCK)

IFC SERIES	BODY MATERIAL	M.A.W.P. PSIG (BARS)
2FB1500TCSDL	A216-WCB	3705 (255)
2FB1500TSSDL	A351-CF8M	3600 (248)
2FB60TC SPL	A216-WCB	6000 (414)
2FB60TSSPL	A351-CF8M	6000 (414)

### UPPER TEMPERATURE LIMITS

SEAL MATERIAL	UPPER LIMITS °F (°C)
Delrin	180° (82°)
Peek	550° (288°)

### LOWER TEMPERATURE LIMITS

BODY MATERIAL	LOWER LIMIT F (°C)
A216-WCB	- 20° (-28.9°)
A351-CF8M	- 20° (-28.9°)

### IFC SERIES 2FB1500 (ANSI 1500 LB) AND IFC SERIES 2FB60 (6000 PSIG)

SIZE in/mm	A in/mm		B in/mm	C in/mm	D in/mm		E in/mm	F in/mm	G in/mm	Weight Lb./Kg.		Torque in-Lbs./ N-M		CV	
	2FB1500	2FB60			2FB1500	2FB60				2FB1500	2FB60	2FB1500	2FB60	2FB1500	2FB60
1/4	3.00	3.00	2.39	5.04	1.77	1.77	0.25	0.56	0.38	1.50	1.63	75	100	10	10
8	76	76	61	128	45	45	6.4	14	10	0.68	0.74	6.25	8.40		
1/2	4.00	4.00	2.39	5.04	1.75	1.75	0.50	0.86	0.38	1.69	1.96	90	140	16	16
15	102	102	61	128	45	45	12	22	10	0.76	0.89	7.50	11.70		
3/4	4.25	4.25	2.96	5.59	2.19	2.38	0.75	1.07	0.5	2.97	3.38	120	270	32	32
20	108	108	75	142	55	60	19	27	15	1.35	1.54	10.00	22.50		
1	4.25	4.25	2.96	5.59	2.19	2.50	0.75	1.34	0.5	3.09	3.88	200	300	44	44
25	108	108	75	142	55	63.5	19	34	15	1.40	1.76	16.70	25.00		
1-1/2	5.29	5.29	4.58	13.90	3.91	4.41	1.50	1.93	0.5	10.75	13.41	750	1200	120	120
40	134	134	116	353	99	112	38	49	15	4.88	6.13	62.50	100.00		
2	6.25	6.25	4.58	13.90	3.91	4.41	1.50	2.42	0.62	11.90	15.90	750	1200	140	140
50	159	159	116	353	99	112	38	61	16	5.41	7.23	62.50	100.00		

### NOTES

1. See page 21 for actuator and top works dimensions.
2. For Pressure-Temperature ratings see page 26.
3. Valve Torque information is provided on page 28.
4. See page 29 for sample actuator calculations.
5. “How to Order” can be found on page 32.

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