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F B2 - F 40 R 06 N - - S4 02 - J

1-Type	2-Construction	3-Port	
F - Floating	B2 - Bolted (2 pc) - Forged 2 B2 - Bolted (2 pc) - Cast 6"to		
4-Nominal Size			
05 - 1/2" 07 - 3/4" 10 - 1" 15 - 1.5" 20 - 2"	30 - 3" 40 - 4" 60 - 6" 80 - 8" 100 - 10"	NAME AND ADDRESS OF THE PARTY O	
5-Connection	6-Pressure	7-Body / Service	
A - RF Smooth B - BW Sch 40 C - BW Sch 80 E - BW Sch XXH J - RTJ R - Raised Face X - Special	01 - ASME 150 03 - ASME 300 06 - ASME 600	L - ASTM A350 LF2 / LT / NA N - A105N / NACE X - Special	CE
8-Operator	9-Soft Goods	10-Trim 11-Con	nputer Code
– - Handle G - Gear	*S4 - Viton / RPTFE Seats	*02 - 316 SS	1

For additional configurations, please consult JAGflo

\* Our standard

B - Bare Stem



JAGflo's commitment to quality begins with world class engineering and is the driving force behind every step of the process. We audit and certify mills and foundries that supply our raw materials to ensure top quality products. Every component is machined using state of the art equipment in factories that adhere to our strict quality guidelines. Every single valve we build is tested to today's rigorous standards so every valve we ship is guaranteed to deliver lasting reliability, operational safety and uncompromised long-term value. JAGflo's culture is a hands-on approach to quality and a dedication to putting the customers' needs first in manufacturing, sales and service. Our company and products are....





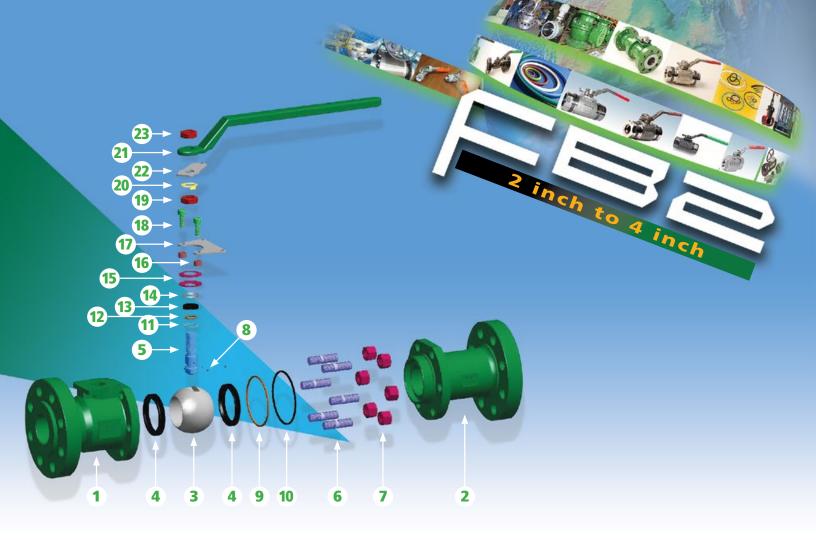




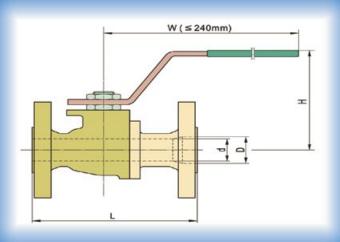


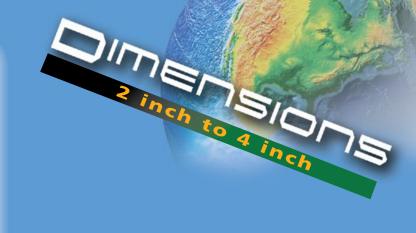






	FB2 Two Piece Forged I	Body Floating Ball Valve – N	Material Specifications
No.	Part	A105N/316 NACE	Low Temp LF2/316 NACE
1	Body	ASTM A105N	ASTM A350-LF2
2	End Closure	ASTM A105N	ASTM A350-LF2
3	Ball	ASTM A351-CF8M	ASTM A351-CF8M
4	Seat	RTFE	RTFE
5	Stem	ASTM A182-F316	ASTM A182-F316
6	Body Stud	ASTM A193-B7M	ASTM A320-L7M
7	Body Nut	ASTM A194-2HM	ASTM A194-7M
8	Antistatic Device	ASTM F304	ASTM F304
9	O-ring	Viton	Viton
10	Gasket	Graphite	Graphite
11	Thrust Washer	RTFE	RTFE
12	O-ring	Viton	Viton
13	Packing	Graphite	Graphite
14	Packing Ring	ASTM A276-GR304	ASTM A276-GR304
15	Belleville Washer	Spring Steel	Spring Steel
16	Spacer	Carbon Steel - Plated	Carbon Steel - Plated
17	Lock Plate	Carbon Steel - Plated	Carbon Steel - Plated
18	Cap Screw	Carbon Steel	Carbon Steel
19	Gland Nut	Carbon Steel - Plated	Carbon Steel - Plated
20	Lock Washer	Carbon Steel - Plated	Carbon Steel - Plated
21	Lever Handle	Carbon Steel	Carbon Steel
22	Stopper Plate	Carbon Steel - Plated	Carbon Steel - Plated
23	Lever Handle Nut	Carbon Steel - Plated	Carbon Steel - Plated





# FB2 Forged - CLASS 150 Full Bore

Si	ze		)		L		1	V	V	Weight	
in	mm	in	mm	in	mm	in	mm	in	mm	lbs.	kg
2	50	2	50.8	7	178	5.4	136	14	350	22	10
3	80	3	76	8	203	6.8	172.5	16	400	42	19
4	100	4	100	9	228.5	8.6	219	18	450	70	32

#### FB2 Forged - CLASS 300 Full Bore

Si	ze			ا	L		1	V	V	Wei	ght
in	mm	in	mm	in	mm	in	mm	in	mm	lbs.	kg
2	50	2	50.8	8.5	216	5.4	136	14	350	20	9
3	80	3	76	11.12	283	6.8	172.5	16	400	66	30
4	100	4	100	12	305	8.6	219	18	450	70	32

# FB2 Forged - ASME 600 Full Bore

Si	ze		)		L		1	V	V	Wei	ght
in	mm	in	mm	in	mm	in	mm	in	mm	lbs.	kg
2	50	2	50.8	11.5	292	5.4	136	14	350	56	25
3	80	3	76	14	356	6.8	172.5	16	400	113	51
4	100	4	100	17	432	8.7	220	18	450	203	92

# FB2 Forged - CLASS 150 Reduced Bore

Si	ze	(	b		D		L	ŀ	1	V	V	Wei	ght
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs.	kg
2x1.5	50x38	1.5	38	2	50.8	7	178	5.04	128	14	350	19	9
3x2	80x50	2	50.8	3	76	8	203	5.35	136	14	350	42	19
4x3	100x80	3	76	4	100	9	228.5	6.7	172.5	16	400	51	23

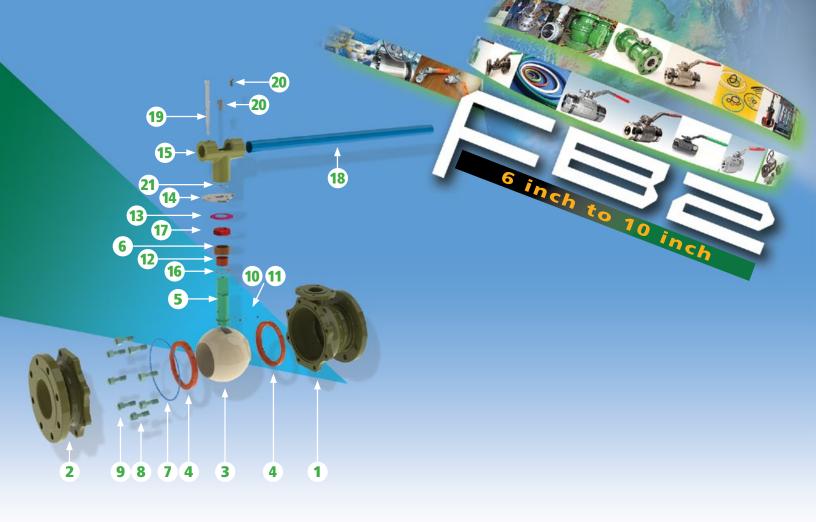
# FB2 Forged - CLASS 300 Reduced Bore

Si	ze	(	d		D		L	H	4	V	V	Wei	ght
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs.	kg
2x1.5	50x38	1.5	38	2	50.8	8.5	216	5.04	128	14	350	26	12
3x2	80x50	2	50.8	3	76	11.12	283	5.35	136	16	350	57	26
4x3	100x80	3	76	4	100	12	305	6.7	172.5	16	400	84	38

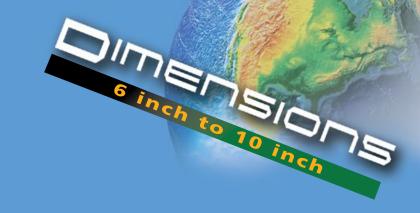
# FB2 Forged - ASME 600 Reduced Bore

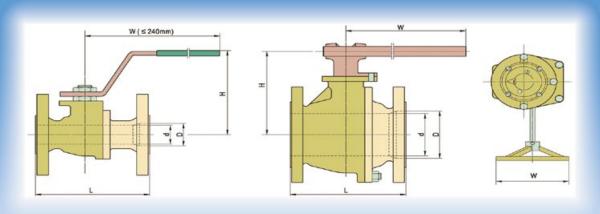
Si	ze	(	d		D	ı	L	ŀ	1	V	V	Wei	ght
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs.	kg
2x1.5	50x38	1.5	38	2	50.8	11.5	292	5.04	128	14	350	44	20
3x2	80x50	2	50.8	3	76	14	356	5.35	136	14	350	64	29
4x3	100x80	3	76	4	100	17	432	6.7	172	16	400	130	59

<sup>\*</sup> Imperial dimensions are for reference only and have been rounded off to the nearest decimal.



	FB2 Two Piece Cast Bo	ody Floating Ball Valve – M	aterial Specifications
No.	Part	A216 WCB/316 NACE	A352 GR LCC/316 NACE
1	Body	ASTM A216-WCB	ASTM A352-LCC
2	End Closure	ASTM A216-WCB	ASTM A352-LCC
3	Ball	ASTM A182-F316	ASTM A182-F316
4	Seat	RTFE	RTFE
5	Stem	ASTM A182-F316	ASTM A182-F316
6	Packing Ring	ASTM A276-GR304	ASTM A276-GR304
7	Gasket	Graphite	Graphite
8	Body Stud	ASTM A193-B7M	ASTM A320-L7M
9	Body Nut	ASTM A194-2HM	ASTM A194-7M
10	Steel Ball	Stainless Steel	Stainless Steel
11	Antistatic Spring	Inconel X-750	Inconel X-750
12	Packing	Graphite	Graphite
13	Belleville Washer	Spring Steel	Spring Steel
14	Lock plate	Carbon Steel - Plated	Carbon Steel - Plated
15	Lever Head	Carbon Steel - Zinc Plated	Carbon Steel - Zinc Plated
16	Thrust Washer	PTFE	PTFE
17	Gland Nut	Carbon Steel - Plated	Carbon Steel - Plated
18	Lever Handle	Carbon Steel - Zinc Plated	Carbon Steel - Zinc Plated
19	Position Screw	Carbon Steel	Carbon Steel
20	Screw	Carbon Steel	Carbon Steel
21	Lock Washer	Carbon Steel - Plated	Carbon Steel - Plated





#### FB2 Cast - CLASS 150 Full Bore

Si	ze	(	d		D		L	ŀ	1	V	V	Wei	ght
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs.	kg
6	150	6	150	6	150	15.5	395	30	760	10.7	272	165	75
8	200	8	200	8	200	18	457	n/a	n/a	13.5	342	254	115
10	250	10	250	10	250	21	533	n/a	n/a	19.5	495	397	180

#### FB2 Cast - CLASS 150 Reduced Bore

S	ize	(	d		D		L	ŀ	1	V	V	Wei	ght
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs.	kg
6x4	150x100	4	100	6	150	15.5	395	20	510	8	203	121	55
8x6	200x150	6	150	8	200	18	457	30	760	10.7	272	183	83
10x8	250x200	8	200	10	250	21	533	n/a	n/a	13.5	342	269	122

#### FB2 Cast - CLASS 300 Full Bore

Si	ze	(	d		D		L	ŀ	1	V	V	Wei	ght
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs.	kg
6	150	6	150	6	152	15.9	403	30	760	12	304	275	126
8	200	8	200	8	203	19.75	502	n/a	n/a	15	381	443	200
10	250	10	250	10	254	22.4	568	n/a	n/a	15	381	946	430

### FB2 Cast - CLASS 300 Reduced Bore

	Size		d		D		L		Н		W		Weight	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs.	kg
	6x4	150x100	4	100	6	150	15.87	403	20	510	8	203	165	75
Г	8x6	200x150	6	150	8	200	19.75	502	30	760	10.7	272	287	130
	10x8	250x200	8	200	10	250	22.4	568	n/a	n/a	10.7	272	441	200

 $<sup>^{\</sup>star}$  Imperial dimensions are for reference only and have been rounded off to the nearest decimal.



# ASME Group 1.1 ASME Group ANSI Class (WCB/LCC & A105N/LF2) (CF8M/3165) 150 (PN 20) 285 PSI 275 PSI 300 (PN 50) 740 PSI 720 PSI 600 (PN 100) 1480 PSI 1440 PSI 900 (PN 150) 2220 PSI 2160 PSI 1500 (PN 250) 3705 PSI 3600 PSI 2500 (PN 470) 6170 PSI 6000 PSI

\*Maximum Allowable Pressure at 100 Deg F

#### Distance

inch x 25.4 = mm mm x 0.039 = inch ft x 0.305 = meters meters x 3.28 = feet

#### **Pressure**

PSI x 6.89 = kPa kPa x 0.145 = PSI PSI x 0.0689 = bar bar x 14.50 = PSI

#### Weight

Kg. x 2.2 = Lbs. Lbs. x 0.45 = Kg.

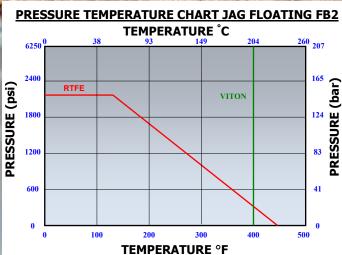
#### **Temperture**

Celsius Fahrenheit (Deg F - 32)÷1.8 (Deg C x 1.8)+32

#### **Torque**

N.m. x 0.737 = Ft/Lbs. Ft/Lbs. x 1.356 = N.m.





Consult ASME 16.34 or JAG Engineering for Specific Material Pressure/Temperature Ratings
FOR REFERENCE PURPOSES ONLY





# **Built with Integrity**

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