

**NORTHWEST PIPE FITTINGS, INC
OF SCOTTSBLUFF, NE**

BRASS BALL VALVES



COMPUTER #	DESCRIPTION	
B6000 FIPxFIP		
405-6208	B6000 1/4" WATTS BALL VALVE	
405-6216	B6000 3/8" THREADED BALL VALVE	
405-6224	B6000 1/2" THREADED BALL VALVE	
405-6232	B6000 3/4" THREADED BALL VALVE	
405-6240	B6000 1" THREADED BALL VALVE	
405-6258	B6000 1 1/4" THREADED BALL VLV	
405-6266	B6000 1 1/2" THREADED BALL VLV	
405-6274	B6000 2" THREADED BALL VALVE	



B6000

B6001 SWEATxSWEAT		
405-6320	B6001 1/2" SWEAT BALL VALVE	
405-6338	B6001 3/4" SWEAT BALL VALVE	
405-6346	B6001 1" SWEAT BALL VALVE	
405-6354	B6001 1 1/4" SWEAT BALL VALVE	
405-6362	B6001 1 1/2" SWEAT BALL VALVE	
405-6370	B6001 2" SWEAT BALL VALVE	



B6001

FULL PORT FIPxFIP		
406-4058	FBV-3 1/2" FULL PORT BALL VALVE	
406-4060	FBV-3 3/4" FULL PORT BALL VALVE	
406-4061	FBV-3 1" FULL PORT BALL VALVE	
406-4062	FBV-3 1 1/4" FULL PORT BALL VALVE	
406-4063	FBV-3 1 1/2" FULL PORT BALL VALVE	
406-4064	FBV-3 2" FULL PORT BALL VALVE	
406-4065	FBV-3 2 1/2" FULL PORT BALL VALVE	
406-4066	FBV-3 3" FULL PORT BALL VALVE	
406-4067	WBV-3 4" BALL VALVE	



FBV-3

FULL PORT COPPERxCOPPER		
406-4080	FBVS-3 1/2" CXC FULL PORT BALL VALVE	
406-4081	FBVS-3 3/4" CXC FULL PORT BALL VALVE	
406-4082	FBVS-3 1" CXC FULL PORT BALL VALVE	
406-4083	FBVS-3 1 1/4" CXC FULL PORT BALL VALVE	
406-4084	FBVS-3 1 1/2" CXC FULL PORT BALL VALVE	
406-4085	FBVS-3 2" CXC FULL PORT BALL VALVE	



FBVS-3




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Gas Approvals (Threaded Valves Only)

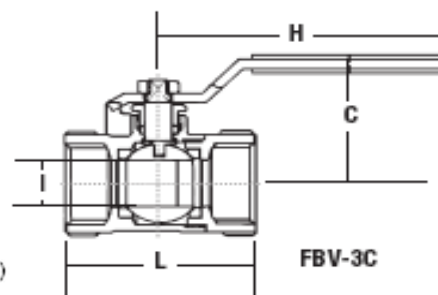
1/2" – 2" (15 – 50mm)

ASME B16.33, CSA 

1/2 psig, 5psig, and 125psig (14, 34 and 862 kPa)

@ -40°F to 125°F (-40°C - 52°C)

SIZE (DN)		DIMENSIONS										WEIGHT			
<i>in.</i>	<i>mm</i>	C		H		H ₁		I		L		L1		<i>lbs.</i>	<i>kg.</i>
<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>		
1/4	8	1 7/16	36	3 3/16	81	—	—	3/8	10.5	1 13/16	46	—	—	.3	.1
3/8	10	1 7/16	36	3 3/16	81	—	—	3/8	10.5	1 13/16	46	—	—	.3	.1
1/2	15	1 15/16	50	3 5/8	91	3 5/8	91	19/32	12.5	2 3/8	60	2 1/8	53	.5	.2
3/4	20	2 1/16	52	4 1/2	114	4 1/2	114	13/16	20.0	2 1/16	68	2 13/16	72	.8	.3
1	25	2 7/16	62	4 15/16	125	4 15/16	125	1	25.0	3 1/8	80	3 3/8	86	1.4	.6
1 1/4	32	2 5/8	66	4 15/16	125	4 15/16	125	1 1/4	31.0	3 1/16	90	3 7/8	98	2.0	.9
1 1/2	40	2 15/16	75	5 1/2	140	5 1/2	140	1 1/2	39.0	3 7/8	99	4 3/8	112	2.6	1.2
2	50	3 1/8	80	7 7/8	200	7 7/8	200	2	50.0	4 7/16	113	5 5/16	135	4.0	1.8
2 1/2	65	4 5/16	109	9 7/8	250	9 7/8	250	2 3/8	60.5	5 1/2	140	6 5/16	161	9.0	4.1
3	80	4 5/8	118	9 7/8	250	7 7/8	200	2 15/16	74.0	6 1/4	159	7 3/16	182	12.8	5.8



Pressure – Temperature

Temperature Range: -40° F – 400° F (-40°C – 204°C)

Pressure Ratings:

FBV-3 and FBVS-3

1/4" – 2" (8 – 20mm) pressure rated at 600psi (41 bar) WOG (non-shock), and 150psi (10.3 bar) WSP

FBV-3-UL/FM

1/4" – 2" (8 – 20mm) pressure rated at 300psi (20.5 bar), UL/FM trim and drain.

FBV-3

2 1/2" and 3" (65 - 80mm) pressure rated at 600psi (41 bar) WOG (non-shock), and 125psi (8.6 bar) WSP

FBVS-3

2 1/2" and 3" (65 - 80mm) pressure rated at 400psi (27.5 bar) WOG (non-shock), and 125psi (8.6 bar) WSP

Pressure – Temperature

Temperature Range: 0°F – 450°F (-18°C – 232°C) @ 50psi (3.4 bar)

Pressure Range:

1/4" – 3" (8 – 80mm): 600psi (41 bar) WOG non-shock; 150psi (10 bar) WSP

4" (100mm): 400psi (28 bar) WOG non-shock; 125psi (8.6 bar) WSP

Use stainless steel trim (option SS) for steam pressures over 150psi (10 bar).

B6000 1/4" – 4" (8 – 100mm) threaded NPT end connections

B6001 3/8" – 3" (10 – 80mm) solder end connections

FBV-3

B6000