

## TFP601



## SFP601



### FP601 FULL PORT FORGED BRASS BALL VALVES 600 CWP

#### APPLICATIONS

Multi-purpose shut-off valve for use in engineered hot and cold water systems, gas applications and compressed air services.

#### MATERIALS AND CONSTRUCTION

- Forged brass bodies and patented "Raised V" end pieces for increased strength.
- Full port construction for high flow coefficient.
- Durable chrome-plated brass ball.
- **Viton® "O" Rings in Double "O" Ring design**
- Blow-out Proof Stem.
- Conforms to MSS SP-110 standards
- Conforms to NSF standards

#### DESIGN CRITERIA

Threaded (IPS) only:

- CAN/CGA 3.16  
(1/2" through 2")  
125 psig
- AGA3-88 / CGA CR91-002  
(1/4" through 2")  
5 psig
- 150 WSP
- Available up to 4" in threaded and solder ends.



## FP601 FULL PORT FORGED BRASS BALL VALVE

T-FP601 Threaded End (IPS)

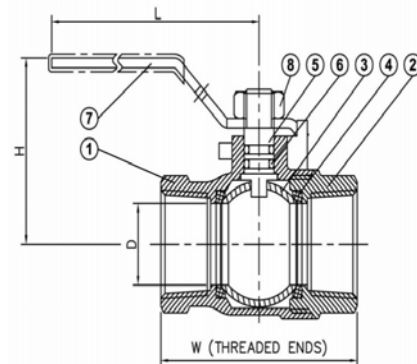
1/4" through 2" 600 CWP

2-1/2" through 4" 400 CWP



MATERIALS LIST	
PART	SPECIFICATION
1 BODY	FORGED BRASS ASTM C37700
2 END CAP	FORGED BRASS ASTM C37700
3 SEAT	PTFE
4 BALL	BRASS ASTM C37700 or ASTM C85700
5 STEM	BRASS ASTM B16
6 O-RING (2)	VITON
7 HANDLE	CARBON STEEL PLATED
8 NUT	CARBON STEEL PLATED

Size (IN)	L	D	H	W
1/4"	3.23	0.31	1.11	1.49
3/8"	3.23	0.31	1.11	1.63
1/2"	3.23	0.44	1.13	1.98
3/4"	3.94	0.69	1.58	2.29
1"	4.72	0.94	1.96	2.80
1-1/4"	4.72	1.19	2.14	3.19
1-1/2"	7.09	1.44	2.54	3.45
2"	7.09	1.94	2.89	4.03
2-1/2"	8.66	2.44	4.06	5.09
3"	8.66	2.94	4.49	5.78
4"	9.84	3.94	5.26	7.01



Above port dimensions meet or exceed full MSS 110 standards.

## S-FP601 Solder End (C x C)

1/2" through 2" 600 CWP

2-1/2" through 4" 400 CWP

MATERIALS LIST	
PART	SPECIFICATION
1 BODY	FORGED BRASS ASTM C37700
2 END CAP**	FORGED BRASS ASTM C37700
3 SEAT	PTFE
4 BALL	BRASS ASTM C37700 or ASTM C85700
5 STEM	BRASS ASTM B16
6 O-RING (2)	VITON
7 HANDLE	CARBON STEEL PLATED
8 NUT	CARBON STEEL PLATED

\*\* Patented "Raised V" design negates body joint leakage.

Size (IN)	L	D	H	W
1/2"	3.23	0.44	1.13	1.89
3/4"	3.94	0.69	1.58	2.67
1"	4.72	0.94	1.96	3.30
1-1/4"	4.72	1.19	2.14	3.78
1-1/2"	7.09	1.44	2.54	4.30
2"	7.09	1.94	2.89	5.33
2-1/2"	8.66	2.44	4.06	6.22
3"	8.66	2.94	4.49	7.09
4"	9.84	3.94	5.26	9.19

