

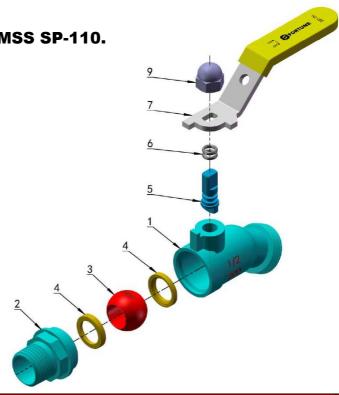
1/2" & 3/4", Forged Brass, Full Port,

Two-Piece Construction,

200 WOG Valves Conform To MSS SP-110.

Inlet: MIP Threaded Or Solder

Outlet: HOSE Threaded

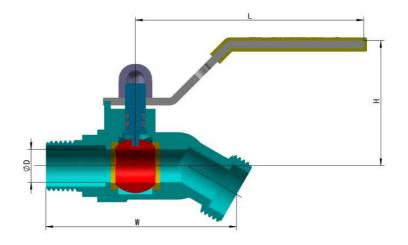


Bill of Materials

ITEM	PART	SPECIFICATION		
1	BODY	FORGED BRASS	LEAD-FREE BRASS	1
2	END CAP	FORGED BRASS	LEAD-FREE BRASS	1
3	BALL	COPPER ALLOY, CHROME PLATED	LEAD-FREE BRASS,CHROME PLATED	1
4	SEAT	PTFE	PTFE	2
5	STEM	COPPER ALLOY	COPPER ALLOY	1
6	O-RING	NBR	NBR	2
7	HANDLE	CARBON STEEL PLATED	CARBON STEEL PLATED	1
8	NUT	CARBON STEEL PLATED	CARBON STEEL PLATED	1

281-TH/LF281-TH





SIZE	D	W	н	L	Weight
In / DN	In / mm	In / mm	In / mm	In / mm	Lb / Kg
1/2 / 15	0.50 / 12.7	2.89 / 73.5	1.90 / 48.3	3.46 / 88	0.51 / 0.23
3/4 / 20	0.75 / 19.0	3.29 / 83.6	2.02 / 51.3	3.46 / 88	0.73 / 0.33



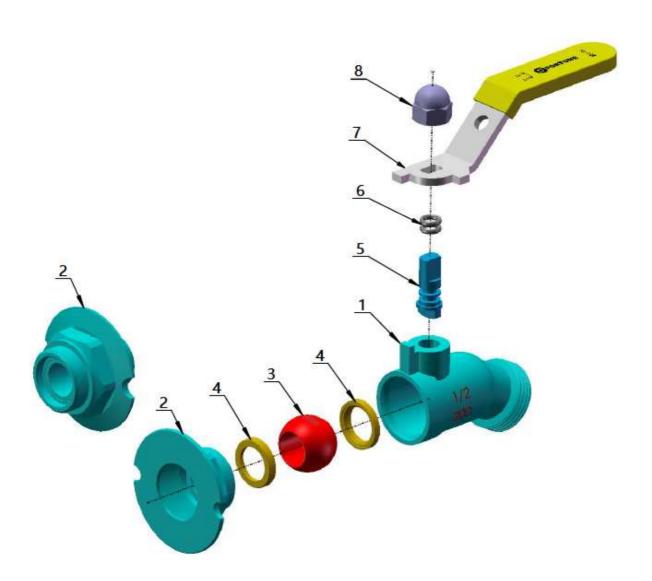


 $1/2^{\prime\prime}$ & $3/4^{\prime\prime}$, Forged Brass, Full Port, Two-Piece Construction, 200 WOG

Valves Conform To MSS SP-110.

Inlet: FIP Threaded & Solder

Outlet: HOSE Threaded



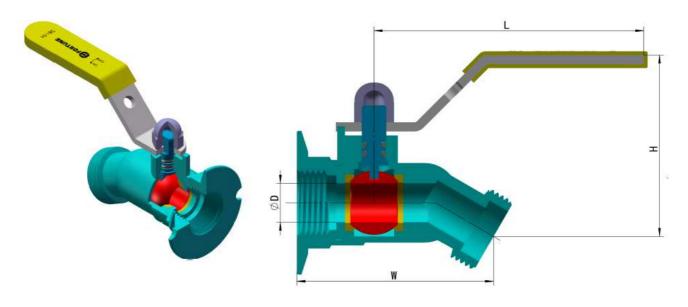
Bill of Materials

ITEM	PART	SPECIFICATION		
1	BODY	FORGED BRASS	LEAD-FREE BRASS	1
2	END CAP	FORGED BRASS	LEAD-FREE BRASS	1
3	BALL	COPPER ALLOY, CHROME PLATED	LEAD-FREE BRASS,CHROME PLATED	1
4	SEAT	PTFE	PTFE	2
5	STEM	COPPER ALLOY	COPPER ALLOY	1
6	O-RING	NBR	NBR	2
7	HANDLE	CARBON STEEL PLATED	CARBON STEEL PLATED	1
8	NUT	CARBON STEEL PLATED	CARBON STEEL PLATED	1





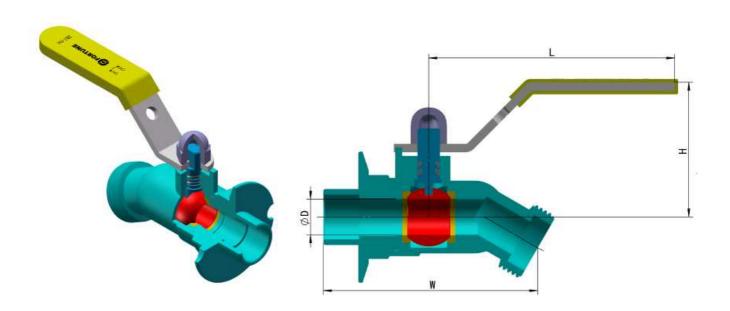
284-TH/LF284-TH



Weights and Dimensions

SIZE	D	w	н	L	Weight
In / DN	In / mm	In / mm	In / mm	In / mm	Lb / Kg
1/2 / 15	0.50 / 12.7	2.51 / 63.7	1.90 / 48.3	3.46 / 88	0.57 / 0.26
3/4 / 20	0.75 / 19.0	2.81 / 71.5	2.02 / 51.3	3.46 / 88	0.79 / 0.36

284-CH/LF284-CH



S	IZE	D	W	н	L	Weight
In	/ DN	In / mm	In / mm	In / mm	In / mm	Lb / Kg
1/2	2 / 15	0.50 / 12.7	3.00 / 76.2	1.90 / 48.3	3.46 / 88	0.66 / 0.30
3/4	4 / 20	0.75 / 19.0	3.31 / 84.0	2.02 / 51.3	3.46 / 88	0.88 / 0.40

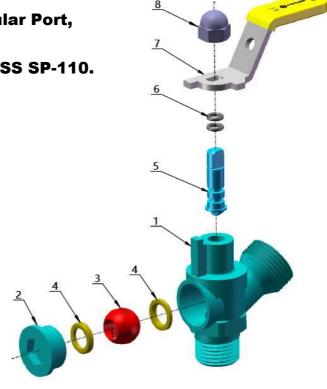




1/2" & 3/4", Forged Brass, Regular Port, Two-Piece Construction, 200 WOG Valves Conform To MSS SP-110.

Inlet: MIP Threaded or Solder

Outlet: HOSE Threaded

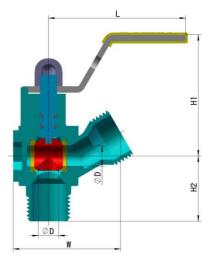


Bill of Materials

ITEM	PART	SPECIFICATION		
1	BODY	FORGED BRASS	LEAD-FREE BRASS	1
2	END CAP	FORGED BRASS	LEAD-FREE BRASS	1
3	BALL	COPPER ALLOY, CHROME PLATED	LEAD-FREE BRASS,CHROME PLATED	1
4	SEAT	PTFE	PTFE	2
5	STEM	COPPER ALLOY	COPPER ALLOY	1
6	O-RING	NBR	NBR	2
7	HANDLE	CARBON STEEL PLATED	CARBON STEEL PLATED	1
8	NUT	CARBON STEEL PLATED	CARBON STEEL PLATED	1

285-TH/LF285-TH





SIZE	D	W	H1	H2	L	Weight
In / DN	In / mm	In / mm	In / mm	In / mm	In / mm	Lb / Kg
1/2 / 15	0.43 / 11	19.7 / 50.1	1.90 / 48.3	1.20 / 30.5	2.52 / 64	0.51 / 0.23
3/4 / 20	0.43 / 11	1.97 / 50.1	2.02 / 51.3	1.20 / 30.5	2.52 / 64	0.53 / 0.24

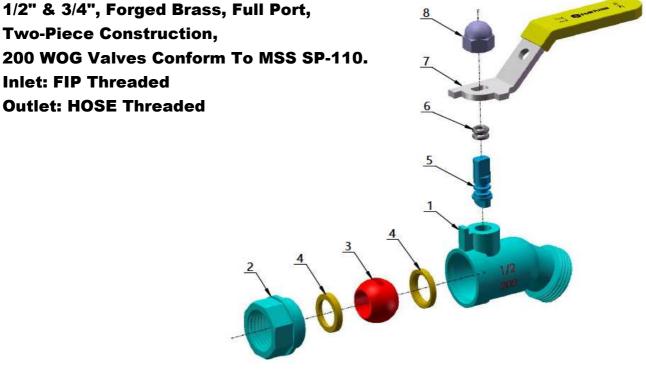




1/2" & 3/4", Forged Brass, Full Port, **Two-Piece Construction,**

Inlet: FIP Threaded

Outlet: HOSE Threaded

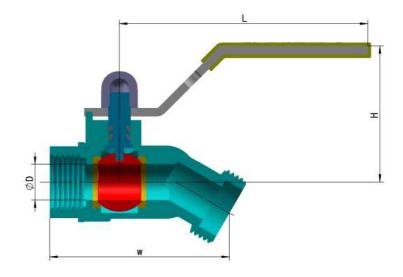


Bill of Materials

ITEM	PART	SPECIFICATION		
1	BODY	FORGED BRASS	LEAD-FREE BRASS	1
2	END CAP	FORGED BRASS	LEAD-FREE BRASS	1
3	BALL	COPPER ALLOY, CHROME PLATED	LEAD-FREE BRASS,CHROME PLATED	1
4	SEAT	PTFE	PTFE	2
5	STEM	COPPER ALLOY	COPPER ALLOY	1
6	O-RING	NBR	NBR	2
7	HANDLE	CARBON STEEL PLATED	CARBON STEEL PLATED	1
8	NUT	CARBON STEEL PLATED	CARBON STEEL PLATED	1

286-TH/LF286-TH





SIZE	D	W	н	L	Weight
In / DN	In / mm	In / mm	In / mm	In / mm	Lb / Kg
1/2 / 15	0.50 / 12.7	2.51 / 63.7	1.90 / 48.3	3.46 / 88	0.49 / 0.22
3/4 / 20	0.75 / 19.0	2.81 / 71.5	2.02 / 51.3	3.46 / 88	0.66 / 0.30

