



## APPLICATION

Suitable for water, steam, oil, gases and non-abrasive media  
(Refer to corrosion resistance table for valve materials selection).

## SPECIFICATION

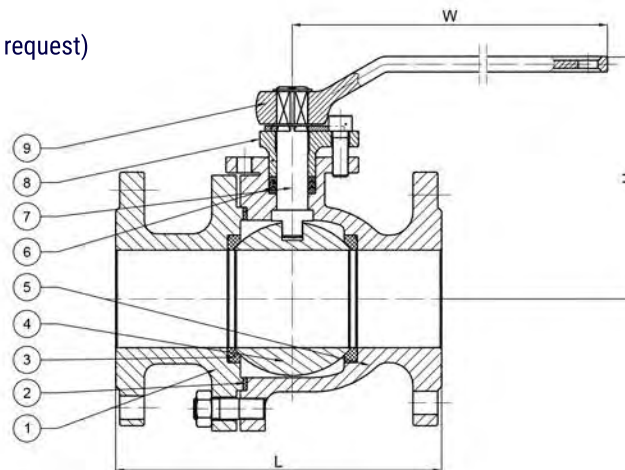
Face to Face Dimension	ANSI B16.10
End Connection	Flanged End ANSI 150, JIS 10K
Pressure Rating	Class 150, JIS 10K
Working Temperature	Up to 160°C
Actuation	Lever operated (Standard)
Optional	Gear Box, Pneumatic or Electric Actuated
Ball Design	½" to 2" with solid ball design 2½" to 12" with hollow ball design (solid ball on request)

# BALL VALVE TWO PIECE BODY CAST IRON

## MATERIALS

PARTS	FIG. 221
1. Body	Cast Iron
2. Body Seal	RPTFE
3. Seat	PTFE
4. Ball	SS 304
5. Body Cap	Cast Iron
6. Stem Packing	RPTFE
7. Stem	SS 304
8. Gland	Cast Iron
9. Lever	Cast Iron

\*Note : 25% Glass Reinforced TFE Seat is available upon request.



**FIG 221**

## DIMENSIONS (mm)

Size	inch mm	1/2	3/4	1	1¼	1½	2	2½	3	4	5	6	8	10
		15	20	25	32	40	50	65	80	100	125	150	200	250
ANSI 150	L	108	117	127	140	165	178	190	203	229	356	394	457	533
	H	78	113	107	113	130	146	176	222	222	250	275	330	340
	W	130	160	160	160	250	250	350	350	400	600	600	800	-
	Torque (Nm)	10	10	12	25	30	40	60	85	180	400	400	800	-
	Weight (Kg)	2.4	3.2	3.9	5.1	7.6	8.5	12.9	16.3	25.3	46	62.5	111	230
JIS 10K	L	-	-	-	-	165	180	190	200	230	300	340	450	-
	H	-	-	-	-	135	145.5	166	186	205	250	272	350	-
	W	-	-	-	-	219.5	219.5	245.5	245.5	331	630	630	110	-
	Torque (Nm)	-	-	-	-	45	45	65	70	100	220	280	450	-
	Weight (Kg)	-	-	-	-	8.3	10.5	14.2	17	26	41	58	102	-

\*Torque data given above is based on breaking torque of the ball valve excluding safety factor.



## APPLICATION

Suitable for water, steam, oil, gases and non-abrasive media  
(Refer to corrosion resistance table for valve materials selection).

## SPECIFICATION

Face to Face Dimension	ANSI B16.10
End Connection	Flanged End ANSI 150, JIS 10K
Pressure Rating	Class 150 & 300, JIS 10K
Working Temperature	Up to 160°C
Actuation	Lever operated (Standard)
Optional	Gear Box, Pneumatic or Electric Actuated
Ball Design	½" to 2" with solid ball design 2½" to 12" with hollow ball design (solid ball on request)

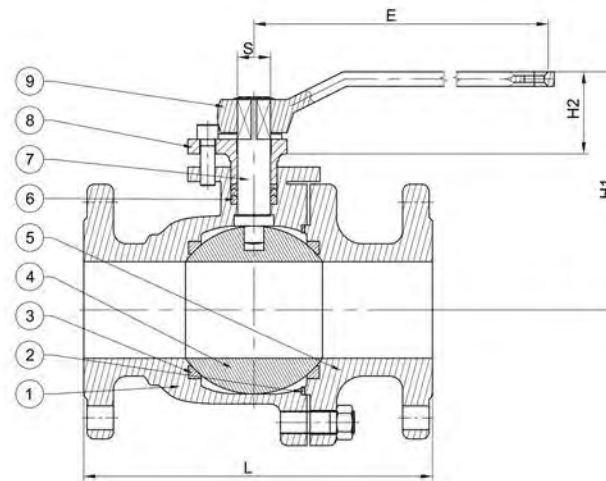
# BALL VALVE TWO PIECE BODY

## CARBON STEEL / STAINLESS STEEL

## MATERIALS

PARTS	FIG. 222	FIG. 226	FIG. 227
1. Body	WCB	CF8	CF8M
2. Body Seal	RPTFE	RPTFE	RPTFE
3. Seat	PTFE	PTFE	PTFE
4. Ball	SS 304	SS 304	SS 316
5. Body Cap	WCB	CF8	CF8M
6. Stem Packing	RPTFE	RPTFE	RPTFE
7. Stem	SS 304	SS 304	SS 316
8. Gland	WCB	CF8	CF8M
9. Lever	Cast Iron	St. Steel	St. Steel

\*Note : 25% Glass Reinforced TFE Seat is available upon request.



## FIG 22

## DIMENSIONS (mm)

Size	inch	1/2	3/4	1	1¼	1½	2	2½	3	4	5	6	8	10	12
	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300
<b>L</b>		108	117	127	140	165	178	190	203	230	356	394	457	533	620
<b>H1</b>		81	86	86	92	110	118	142	155	170	218	236	265	340	382
<b>H2</b>		34	34	34	34	44	47	55	55	55	70	70	70	85	90
<b>E</b>		175	175	175	175	230	230	340	340	340	700	700	700	800	950
<b>S</b>		12	12	12	12	16	16	19	19	19	25	25	25	35	35
<b>Torque (Nm)</b>		6	10	16	26	32	45	70	81	167	333	392	470	598	715
<b>Cv Value</b>		24	42	66	109	153	266	449	680	1062	1660	2390	4250	6640	9562
<b>Weight (Kg)</b>		2.4	3.2	3.9	5.1	7.6	8.5	12.9	16.3	25.3	46	62.5	111	230	300

\*Torque data given above is based on breaking torque of the ball valve

\*The specifications are subject to change without further notice