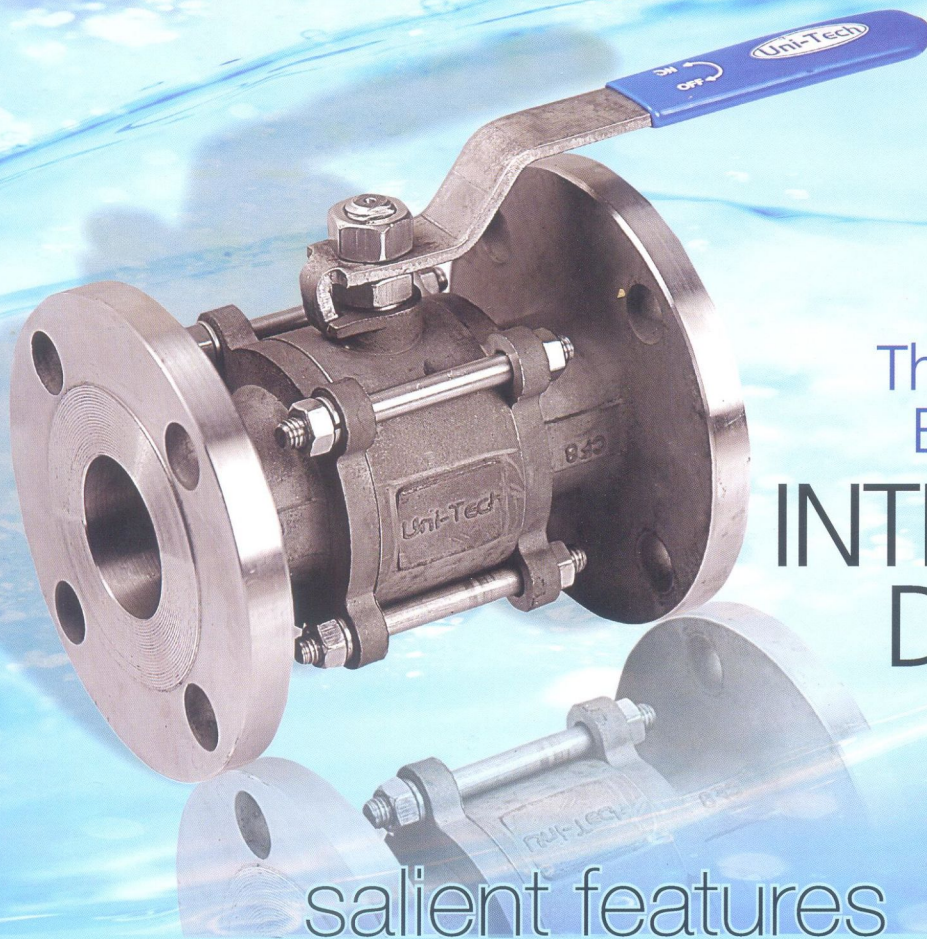


# UNI-TECH

## S.S. C.S. (M.S.) Ball Valve

in three piece design full port, Flanged end in 150 # class



The Difference  
Exists in the  
**INTELLIGENT  
DESIGN**

### salient features

Full Port | Blow Out Proof Stem | Low Torque | Floating Ball | Mirror Finish Ball  
Quarter Turn Shut Off | 100% Interchangeability

Variety of Material of : S.S. ASTM, A 351, GR CF8 (304), CF3 (304L),  
CF8M (316), CF3M (316L), CF8C (321), CN7M (ALLOY 20), ASTM 216, GR WCB (CAST STEEL)



### : UNI-TECH VALVE & PNEUMATICS :

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[www.unitechvalves.com](http://www.unitechvalves.com)

# S.S. C.S. (M.S.) Ball Valve

in three piece design full port, flanged end in 150 # class.

Note : 'Minimum Pressure / Temperature Seat Ratings' table is as shown in other leaflets.

Manufacturing Standard : BS 5351

Testing Standard : BS 5146

Product Range : 15 to 100 mm

End Connection : Flanges as per

ANSI B16.5

Raised Face 150#

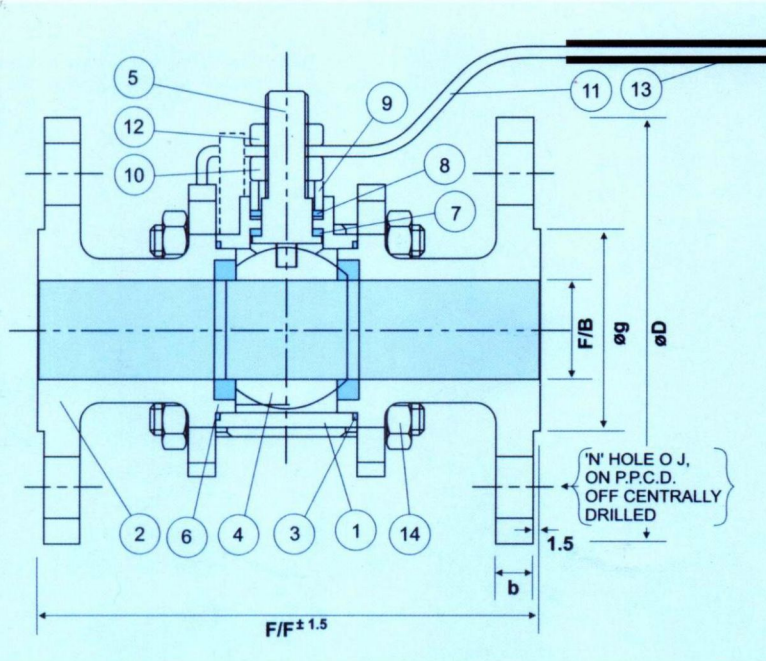
Serrated, E Tables,

Fa Table & DIN STD.

Face To Face : ANSI B16.10

## MATERIAL SPECIFICATIONS

No.	Part Name	Materials
1	Body	ASTMA : ASTMA : ASTMA
2	Body Connector	351 CF8 : 351 CF8M : 216 WCB
3	Connector Seal	PTFE
4	Ball	AISI 304, 316, ASTMA CF8-CF8M
5	Steam	AISI 304, AISI 316
6	Ball Seat	PTFE
7	Steam Seat	PTFE
8	Gland Packing	PTFE
9	Gland	AISI 304, AISI 316
10	Gland Nut	SS 304
11	Lever	SS / MS
12	Lever Nut	SS 304
13	Lever Sleeve	PVC
14	Body Studs & Nuts	SS 304/ MS



## DIMENSIONS OF 3 PC F/E 150 # IN MM

Size	F/B	F/F	øD	b	øg	P	J	N
15	12.5	108	89	11	35	60.3	15.8	4
20	19	118	98.5	11	42.8	70	15.8	4
25	25	127	108	11	50.8	79.8	16	4
40	38	165	127	14.2	73	98.5	16	4
50	51	178	152.5	15.8	92	120.5	19	4
65	63	190	178	17.5	104.7	140	19	4
80	76	203	191	19	127	152.5	19	4
100	101	229	229	23.8	157	190.5	19	4

## TEST PRESSURE (HYDROSTATIC)

Class	150 lbs
Body	450 PSIG or 31.5 Kg/cm <sup>2</sup> g
Seat	315 PSIG or 22 Kg/cm <sup>2</sup> g

## TEST PRESSURE (PNEUMATIC)

Class	150 lbs
Seat	80 PSIG or 5.5 Kg/cm <sup>2</sup> g

## E TABLE

Size	øD	b	P	øJ	N
15	95	9.5	66.6	14.2	4
20	101.5	9.5	73	14.2	4
25	114.5	9.5	82.5	17.5	4
40	133.5	12.7	98.5	17.5	4
50	152.5	14.2	114.3	17.5	4
65	165	14.2	127	17.5	4
80	184	14.2	146	17.5	4
100	216	17.5	177.8	17.5	8

## F TABLE

Size	øD	b	P	øJ	N
15	95	9.5	66.6	14.2	4
20	101.5	9.5	73	14.2	4
25	120.5	9.5	87.8	17.5	4
40	140	12.7	104.7	17.5	4
50	165	15.8	127	17.5	4
65	184	15.8	146	17.5	8
80	203	15.8	165	17.5	8
100	228.5	19	190.8	17.5	8

The illustrations, specifications & data in this leaflet are as accurate as possible, improvements and modifications from time to time to time may necessitate change in designs and dimensions without prior notice.

Note : All other dimensions of E & F table not mentioned are same as of 150# dimensions. Face in E & F table will be straight.