



## Cast Iron Ball Valve

Class 125, Flanged (ISI Marked)

# CI 18

### PRODUCT DESCRIPTION

Product : 'SANT' Cast Iron Ball Valve  
 Product Standard : IS:9890 Class 125  
 Body Material cum Standard : Cast Iron IS:210 Gr.FG200  
 Description : Three piece design  
 Type of Seat : Renewable teflon  
 Trim : SS AISI410 Stem Stainless Steel, AISI304 Ball  
 Gland Packing : Teflon Rings  
 End Details : Flanges as per IS:3516-1966 undrilled/B.S.10 Table F



### APPLICATION

- Water
- Oil
- Gas
- Steam

NOTE : Cover will be screwed in type for 50mm valve size & below

### TESTING & CERTIFICATION

Body Test Pressure : 300 Psig. (21 bar g) Hyd.  
 Seat Test Pressure : 220 Psig. (15.4 bar g) Hyd., 100 Psig. (6.9 bar g) Air

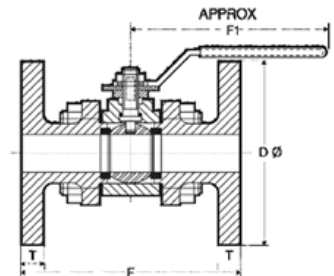
Our Works' Test Certificate is furnished with every supply.

### MATERIALS

Components	Materials	Specifications
Body	Cast Iron	IS:210 Gr.FG200
Ball	Stainless Steel	AISI304
Spindle	Stainless Steel	AISI410
Body Seats & Gland Seals	Teflon	--
Stopper, Gland Nut, Handle & Fasteners	Mild Steel	IS:2062:1992
Hand Sleeve	PVC	--
Gasket	Compressed Asbestos Fibre	IS:2712:1998 Gr.W/1

### DIMENSIONS IN mm

Nominal Size	Nominal Size (Inches)	F	D	T	F1	Drilling Particulars		
						PCD	Hole Dia	No. of Holes
15	1/2	130	89	11	135	60.4	14	4
20	3/4	130	98.5	11	160	69.9	14	4
25	1	140	108	11	160	79	14	4
32	1.1/4	165	117	13	195	89	14	4
40	1.1/2	165	127	14	195	98	14	4
50	2	203	152	16	195	121	18	4
65	2.1/2	222	178	17	250	140	18	4
80	3	241	190	19	260	152	18	4
100	4	305	229	24	360	190	18	4



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