SANT

C.I. BOILER VALVES & MOUNTINGS

IBR APPROVED

(WITH TEST CERTIFICATE IN FORM III-C)

Product : **Sant C.I. Globe Valve**
Product Standard : **BS 5152/ DIN 86251**
Type of Pattern : **Straight Pattern**
Pressure/Class /Rating : **PN-16**
Body Material cum standard : **Cast Iron IBR 86 to 93 Grade A**
Product Description : **Bolted Bonnet, outside screw & yoke type Rising Stem**
Type of Seat : **Renewable**
Type of Disc : **Renewable Disc**
Trim : **SS-410**
Gland Packing : **Expanded Pure Flexible Graphite**
End Details : **Flanges as per DIN 2533 RF (PN 16) Undrilled**
Test Pressure : **Body 26kg/cm²g Seat 16kg/cm²g Hyd.**
Working Pressure : **Max BOP 13kg/cm²g at 220°C Steam**

CI 1A

HSN CODE : 84818030

Size/Inch	mm	Price / Pc.
1/2	15	2311
3/4	20	2519
1	25	2808
1¼	32	3715
1½	40	5134
2	50	6519
2½	65	9571
3	80	12280
4	100	16799
5	125	24679
6	150	33185
8	200	53241

Product : **Sant C.I. Junction Steam Stop Valve**
Product Standard : **BS 5152/ DIN 86251**
Type of Pattern : **Right Angle**
Pressure/Class /Rating : **PN-16**
Body Material cum standard : **Cast Iron IBR 86 to 93 Grade A**
Product Description : **Bolted Bonnet, outside screw & yoke type Rising Stem**
Type of Seat : **Renewable**
Type of Disc : **Renewable Disc**
Trim : **SS-410**
Gland Packing : **Expanded Pure Flexible Graphite**
End Details : **Flanges as per DIN 2533 RF (PN 16) Undrilled**
Test Pressure : **Body 26kg/cm²g Seat 16kg/cm²g Hyd.**
Working Pressure : **Max BOP 13kg/cm²g at 220°C Steam**

CI 2A

HSN CODE : 84818030

1/2	15	2311
3/4	20	2519
1	25	2808
1¼	32	3715
1½	40	5134
2	50	6519
2½	65	9571
3	80	12280
4	100	16799
5	125	24679
6	150	33185
8	200	53241

Product : **Sant C.I. Horizontal Check Valve**
Product Standard : **BS 5153**
Type of Pattern : **Straight Type**
Pressure/Class /Rating : **PN-16**
Body Material cum standard : **Cast Iron IBR 86 to 93 Grade A**
Product Description : **Bolted Cover**
Type of Seat : **Renewable**
Type of Disc : **Renewable Disc**
Trim : **SS-410**
End Details : **Flanges as per DIN 2533 RF (PN 16) Undrilled**
Test Pressure : **Body 26kg/cm²g Seat 16kg/cm²g Hyd.**
Working Pressure : **Max BOP 13kg/cm²g at 220°C Steam**

CI 3A

HSN CODE : 84813000

1/2	15	1894
3/4	20	2116
1	25	2466
1¼	32	3571
1½	40	4522
2	50	5949
2½	65	8132
3	80	11042
4	100	14466
5	125	21315
6	150	29450
8	200	46432

Product : **Sant C.I. Swing Check Valve**
Product Standard : **BS 5153**
Type of Pattern : **Straight Type**
Pressure/Class /Rating : **Class 125**
Body Material cum standard : **Cast Iron IBR 86 to 93 Grade A**
Product Description : **Bolted Cover**
Type of Seat : **Renewable**
Type of Disc : **Renewable Disc**
Trim : **SS-410**
End Details : **Flanges as per BS 10 Table F Undrilled**
Body & Seat Test Pressure : **Body 300Psig Seat 200Psig. Hyd.**
Working Pressure : **Max BOP 150Psig (10.54 kg/cm²)**

CI 3C

HSN CODE : 84813000

1½	40	4569
2	50	6898
2½	65	9133
3	80	11134
4	100	15466
5	125	20462
6	150	21600
8	200	44148

10 bar = 1MPa = 145 Psig. = 10.1972 Kg/cm²g

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C.I. BOILER VALVES & MOUNTINGS

IBR APPROVED

(WITH TEST CERTIFICATE IN FORM III-C)

Product : **Sant C.I. Lift Check Valve**
Product Standard : **BS 5153**
Type of Pattern : **Right Angle**
Pressure/Class /Rating : **PN-16**
Body Material cum standard : **Cast Iron IBR 86 to 93 Grade A**
Product Description : **Bolted Cover**
Type of Seat : **Renewable**
Type of Disc : **Renewable Disc**
Trim : **SS-410**
Gland Packing :
End Details : **Flanges as per DIN 2533 RF (PN 16) Undrilled**
Test Pressure : **Body 26kg/cm²g Seat 16kg/cm²g Hyd.**
Working Pressure : **Max BOP 13kgf/cm²g at 220°C Steam**

CI 4A

HSN CODE : 84813000

Size/Inch	mm	Price / Pc.
1/2	15	1968
3/4	20	2116
1	25	2466
1¼	32	3571
1½	40	4522
2	50	5949
2½	65	8132
3	80	11042
4	100	14466
5	125	21315
6	150	29450
8	200	46432

Product : **Sant C.I. Accessible Feed Check Valve**
Type of Pattern : **Right Angle**
Body Material cum standard : **Cast Iron IBR 86 to 93 Grade A**
Product Description : **Straight Inlet Without Inspection Branch**
Type of Seat : **Renewable**
Type of Disc : **Renewable Disc**
Trim : **AISI-410 Stainless Steel**
Gland Packing : **Expanded Pure Flexible Graphite**
End Details : **Flanges as per BS-10 Table F F.F. undrilled**
Test Pressure : **Body 21.09kg/cm² (300 Psig.) Hyd.**
Working Pressure : **Max BOP 10.54kg/cm² (150 Psig.) at 220°C Steam**

CI 5A

HSN CODE : 84813000

1	25	11945
1¼	32	14746
1½	40	18939
2	50	26690
2½	65	32973

Product : **Sant C.I. Accessible Feed Check Valve**
Type of Pattern : **Right Angle**
Body Material cum standard : **Cast Iron IBR 86 to 93 Grade A**
Product Description : **Curved Inlet without Inspection Branch**
Type of Seat : **Renewable**
Type of Disc : **Renewable Disc**
Trim : **AISI-410 Stainless**
Gland Packing : **Expanded Pure Flexible Graphite**
End Details : **Flanges as per BS-10 Table F F.F. undrilled**
Test Pressure : **Body 21.09kg/cm² (300 Psig.) Hyd.**
Working Pressure : **Max BOP 10.54kg/cm² (150 Psig.) at 220°C Steam**

CI 5B

HSN CODE : 84813000

1	25	11945
1¼	32	14746
1½	40	18939
2	50	26690
2½	65	32974

Product : **Sant C.I. Accessible Feed Check Valve**
Type of Pattern : **Right Angle**
Body Material cum standard : **Cast Iron IBR 86 to 93 Grade A**
Product Description : **Straight Inlet With Inspection Branch**
Type of Seat : **Renewable**
Type of Disc : **Renewable Disc**
Trim : **AISI-410 Stainless**
Gland Packing : **Expanded Pure Flexible Graphite**
Test Pressure : **Body (21.09kg/cm²) 300 Psig. Hyd.**
Working Pressure : **Max BOP (10.54kg/cm²) 150 Psig. at 220°C Steam**

CI 5C

HSN CODE : 84813000

1¼	32	14944
1½	40	19460
2	50	27505
2½	65	33873

10 bar = 1MPa = 145 Psig. = 10.1972 Kg/cm²g

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C.I. BOILER VALVES & MOUNTINGS

IBR APPROVED

(WITH TEST CERTIFICATE IN FORM III-C)

Product : **Sant C.I. Accessible Feed Check Valve**
Type of Pattern : **Right Angle**
Body Material cum standard : **Cast Iron IBR 86 to 93 Grade A**
Product Description : **Curved Inlet with Inspection Branch**
Type of Seat : **Renewable**
Type of Disc : **Renewable Disc**
Trim : **AISI-410 Stainless**
Gland Packing : **Expanded Pure Flexible Graphite**
End Details : **Flanges as per BS-10 Table F F.F. undrilled**
Test Pressure : **Body (21.09kg/cm²) 300 Psig. Hyd.**
Working Pressure : **Max BOP (10.54kg/cm²) 150 Psig. at 220°C Steam**

HSN CODE : 84813000

CI 5D

Size/Inch	mm	Price / Pc.
1¼	32	14944
1½	40	19460
2	50	27505
2½	65	33873

Product : **Sant C.I. Stop Cum Non Return Valve**
Product Standard : **BS-5152**
Type of Pattern : **Straight Type / Right Angle**
Body Material cum standard : **Cast Iron IBR 86 to 93 Grade A**
Product Description : **Bolted Bonnet O/S Yoke Type Rising Stem**
Type of Seat : **Renewable**
Type of Disc : **Renewable Disc**
Trim : **AISI-410 Stainless Steel**
Gland Packing : **Expanded Pure Flexible Graphite**
End Details : **Flanges as per DIN 2533 RF (PN16) undrilled**
Working Pressure : **Max BOP 13kgf/cm²g at 220°C Steam**

HSN CODE : 84813000

CI 6A

1½	40	6568
2	50	8516
2½	65	11703
3	80	15987
4	100	22887
5	125	30595
6	150	41008
8	200	62573

Product : **Sant C.I. Y Type Strainer**
Type of Pattern : **Y-Type**
Body Material cum standard : **Cast Iron IBR 86 to 93 Grade A**
Product Description : **Bolted Cover**
Trim : **SS 304 Screen having 1.2 mm dia perforation**
End Details : **Flanges as per BS-10 Table F F.F. undrilled**
Test Pressure : **21.09kg/cm² (300 Psig. Hyd.)**
Working Pressure : **Max BOP 10.54kgf/cm²g. (150 Psig.) at 220°C Steam**

HSN CODE : 84818030

CI 7A

1	25	2428
1½	40	4071
2	50	5927
2½	65	9246
3	80	10179
4	100	16930
5	125	26967
6	150	30989
8	200	55047

Product : **Sant C.I. Y Type Strainer**
Type of Pattern : **Y-Type**
Body Material cum standard : **Cast Iron IBR 86 to 93 Grade A**
Product Description : **Bolted Cover**
Trim : **SS 304 Screen having 1.2 mm dia perforation**
End Details : **Female BSP Parallel threads to BS-21**
Test Pressure : **Body 26kg/cm²g. (370 Psig.) Hyd.**
Working Pressure : **Max BOP 13kgf/cm²g. (185 Psig.) at 220°C Steam**

HSN CODE : 84818030

CI 7B

1/2	15	457
3/4	20	644
1	25	1001
1¼	32	1381
1½	40	1762
2	50	2999

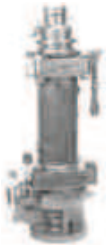
10 bar = 1MPa = 145 Psig. = 10.1972 Kg/cm²g

SANT

C.I. BOILER VALVES & MOUNTINGS

IBR APPROVED

(WITH TEST CERTIFICATE IN FORM III-C)



Product : **Sant C.I. Single Post Hi Lift Safety Valve**
Type of Pattern : **Right Angle**
Body Material cum standard : **Cast Iron IBR 86 to 93 Grade A**
Product Description : **Spring loaded Hi Lift**
Type of Seat : **Renewable Seat**
Type of Disc : **Renewable Disc**
Trim : **Stainless Steel AISI 410/Monel**
End Details : **Inlet Flange to BS 10 Table F undrilled**
Outlet Flange to BS 10 Table D undrilled
Body Test Pressure : **Shell Test 21.09kg/cm²g (300Psig.) Hyd.**
Working Pressure : **Max BOP (10.54kgf/cm²g) 150Psig. at 220°C Steam**

HSN CODE : 84814000

CI 8

Size/Inch	mm	Price / Pc.
1	25	19275
1¼	32	20508
1½	40	25551
2	50	32546

Product : **Sant C.I. Double Post Hi Lift Safety Valve**
Body Material cum standard : **Cast Iron IBR 86 to 93 Grade A**
Product Description : **Spring loaded Hi Lift**
Type of Seat : **Renewable Seat**
Type of Disc : **Renewable Disc**
Trim : **Stainless Steel AISI 410/Monel**
End Details : **Inlet Flange to BS 10 Table F**
Outlet Flange to BS 10 Table D
Body Test Pressure : **Shell Test 21.09kg/cm²g (300Psig.) Hyd.**
Working Pressure : **Max BOP 150Psig. (10.54kgf/cm²g) at 220°C Steam**

HSN CODE : 84814000

CI 9

1	25	33402
1¼	32	47865
1½	40	51718
2	50	67939

Product : **Sant C.I. Pilot Operated R Type Reducing Valve**
Type of Pattern : **Straight Type**
Body Material cum standard : **Cast Iron IBR 86 to 93 Grade A**
Product Description : **Pilot operated R type Outlet pressure range available 5/60, 20/80 Psig**
Type of Seat : **Renewable Seat**
Type of Disc : **Renewable Disc**
Trim : **Stainless Steel AISI 410/Monel**
End Details : **Flanges as per BS 10 Table F, FF (Drilled)**
Body Test Pressure : **21.09kg/cm²g (300Psig.) Hyd.**
Working Pressure : **Max BOP 10.54kgf/cm²g (150Psig.) at 220°C Steam**

HSN CODE : 84811000

CI 10

1	25	17323
1¼	32	19077
1½	40	22274
2	50	32828

Product : **Sant C.I. Vertical Inverted Bucket Type Steam Trap**
Type of Pattern : **Vertical**
Body Material cum standard : **Cast Iron IBR 86 to 93 Grade A**
Product Description : **Bolted Cover**
Trim : **SS 304**
End Details : **Inlet Female BSP Parallel Threads to BS-21**
Body Test Pressure : **21.09kg/cm² (300Psig.) Hyd.**
Working Pressure : **Max BOP 150Psig. at 220°C Steam**

HSN CODE : 84818030

CI 11

1/2	15	2763
3/4	20	3613
1	25	5568
1½	40	13043
2	50	16417

10 bar = 1MPa = 145 Psig. = 10.1972 Kg/cm²g

SANT

CAST IRON VALVES & COCKS

(WITH OUR WORK'S CERTIFICATE)

Product : **Sant C.I. Gate Valve (All Iron)**
Type of Pattern : **Clip Pattern**
Body Material cum standard : **Cast Iron IS 210 Gr. FG 200**
Product Description : **Clamped Bonnet Inside Screw Rising Stem**
Type of Seat : **Integral Seat**
Type of Disc : **Solid Wedge**
Trim : **Mild Steel**
Gland Packing : **Expanded Pure Flexible Graphite**
End Details : **Screwed Female BSP Parallel Threads to BS:21**
Body Test Pressure : **21.09kg/cm² Hyd. 300Psig. Hyd.**
Seat Test Pressure : **14.06kg/cm²g (200Psig. Hyd.)**

CI 13

HSN CODE : 84818030

Size/Inch	mm	Price / Pc.
1/2	15	613
3/4	20	684
1	25	744
1¼	32	972
1½	40	1360
2	50	1790
2½	65	3014
3	80	4419

Product : **Sant C.I. Gate Valve**
Type of Pattern : **Clip Pattern**
Body Material cum standard : **Cast Iron IS 210 Gr. FG 200**
Product Description : **Clamped Bonnet Inside Screw Rising Stem**
Type of Seat : **Renewable**
Type of Disc : **Solid Wedge**
Trim : **Cu-Alloy**
Gland Packing : **Expanded Pure Flexible Graphite**
End Details : **Screwed Female BSP Parallel Threads to BS:21**
Body Test Pressure : **21.09kg/cm² Hyd.**
Seat Test Pressure : **14.06kg/cm²g Hyd.**

CI 14

HSN CODE : 84818030

1/2	15	771
3/4	20	1109
1	25	1245
1¼	32	1766
1½	40	2337
2	50	3425
2½	65	5550
3	80	8998

Product : **Sant C.I. Y Type Strainer**
Type of Pattern : **Y Type**
Body Material cum standard : **Cast Iron IS 210 Gr FG 200**
Product Description : **Screwed in cover**
Trim : **SS 304 Screen having 1.2mm perforation**
End Details : **Screwed female BSP Parallel threads to BS-21**
Test Pressure : **24kg/cm²g Hyd.**
Working Pressure : **16kg/cm²g Hyd.**
(For Water Lines)

CI 16

HSN CODE : 84818030

1/2	15	272
3/4	20	407
1	25	668
1¼	32	829
1½	40	1267
2	50	2306

Product : **Sant C.I. Y Type Strainer**
Type of Pattern : **Y Type**
Body Material cum standard : **Cast Iron IS 210 Gr. FG 200**
Product Description : **Screwed / Bolted Cover**
Trim : **S.S. Screen/SS 304 having 1.2mm perforation**
End Details : **Flanges as per BS 10 Table F undrilled**
Body Test Pressure : **24kg/cm²g Hyd.**
Working Pressure : **16kg/cm²g Hyd.**
(For Water Lines)

CI 16 B

(With Magnet 15% Extra Rates)

HSN CODE : 84818030

1	25	1406
1¼	32	1737
1½	40	2471
2	50	3375
2½	65	4804
3	80	6237
4	100	9325
5	125	14769
6	150	18992
8	200	35614
10	250	48878
12	300	74711

10 bar = 1MPa = 145 Psig. = 10.1972 Kg/cm²g

SANT

CAST IRON VALVES & COCKS

(WITH OUR WORK'S CERTIFICATE)

Product : **Sant C.I. Ball Valve**
Product Standard : **IS-9890 -1981 Class-125**
Type of Pattern : **Straight**
Body Material cum standard : **Cast Iron IS 210 Gr. FG 220**
Product Description : **Two piece design**
Type of Seat : **Renewable Teflon**
Trim : **AISI 410 Stem, Stainless Steel AISI 304 Ball**
Gland Packing : **Teflon Rings**
End Details : **Screwed Female Parallel Threads as per IS:554**
Body Test Pressure : **21barg 300Psig. Hyd.**
Seat Test Pressure : **220Psig.(15.4barg) Hyd. & 100Psig. (6.9 bar) AIR**
ISI Marked

HSN CODE : 84818030

CI 17

Size/Inch	mm	Price / Pc.
1/2	15	409
3/4	20	613
1	25	726
1¼	32	1202
1½	40	1565
2	50	2132
2½	65	4307
3	80	6321
4	100	15041

Product : **Sant C.I. Ball Valve**
Product Standard : **IS-9890 -1981 Class-125**
Body Material cum standard : **Cast Iron IS 210 Gr. FG 220**
Product Description : **Three piece design**
Type of Seat : **Renewable Teflon Seat**
Trim : **AISI 410 Stem Stainless Steel AISI 304 Ball**
Gland Packing : **Teflon Rings**
End Details : **Flanges as per IS:3516-1966 Undrilled**
Body Test Pressure : **21barg 300Psig. Hyd.**
Seat Test Pressure : **220Psig.(15.4barg) Hyd. & 100Psig. (6.9 bar) AIR**
ISI Marked

HSN CODE : 84818030

CI 18

1	25	1565
1¼	32	2176
1½	40	2787
2	50	4312
2½	65	6494
3	80	9289
4	100	17818

Product : **Sant C.I. 'T' Strainer Flanged**
Type of Pattern : **Tee Type**
Body Material cum standard : **Cast Iron IS 210 Gr FG 200**
Product Description : **Bolted Bonnet**
Trim : **SS 304 Screen 1.2 perforation**
End Details : **Flanged as per Class-150**
Body Test Pressure : **24kg/cm²g Hyd.**
Working Pressure : **16kg/cm²g Hyd.**
(For Water Lines)

HSN CODE : 84818030

CI 19

2	50	3374
2½	65	4803
3	80	6237
4	100	9323
6	150	17980
8	200	30998

10 bar = 1MPa = 145 Psig. = 10.1972 Kg/cm²g