



# BOSS

Gun Metal/Bronze  
GATE VALVE



## DESCRIPTION

### BOSS BRONZE GATE VALVE

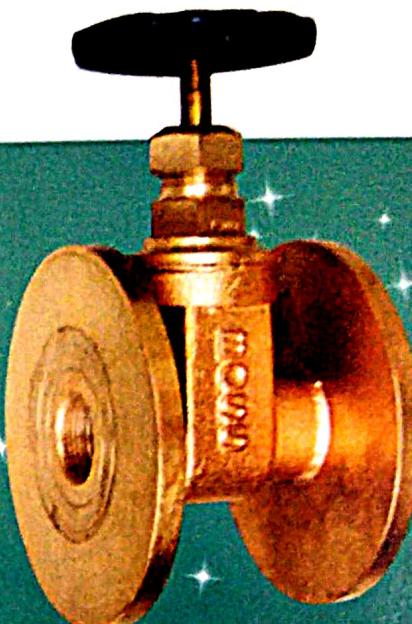
Flanged ends Standard Pattern  
to BS-10 Table 'D'

## TESTED & SUITABILITY

BODY TEST PRESSURE : 300 Lbs Hyd.

SEAT TEST PRESSURE : 300 Lbs Hyd.

SUITABLE : Water & Oil

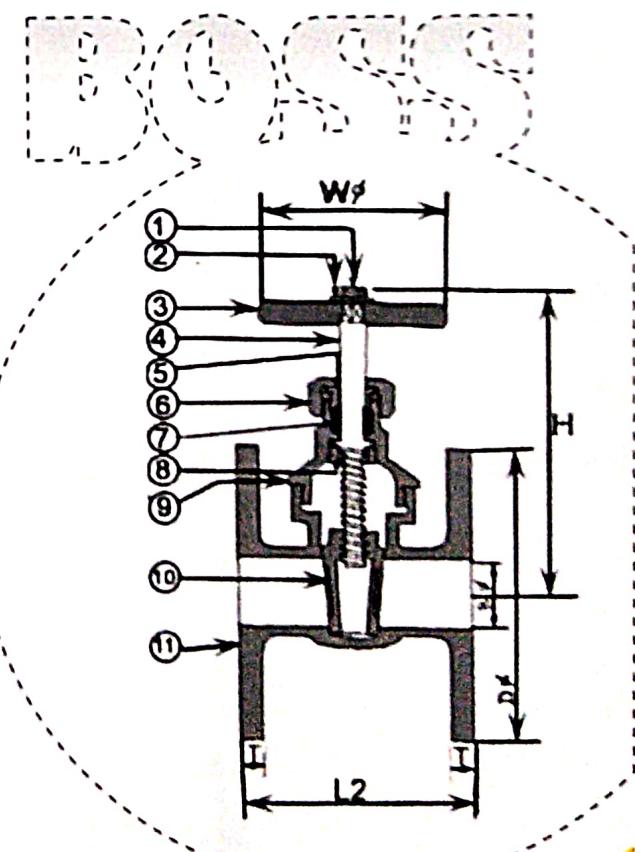


## DIMENSIONS IN MM

INCH.	MM	B	L2	T	D	H	W
1/2"	15	15	64	6.4	95.3	93	50
3/4"	20	19	76	6.4	101.6	110	60
1"	25	23	86	8.0	114.3	124	65
1-1/4"	32	30	89	8.0	120.7	135	75
1-1/2"	40	36	106	9.6	133.4	160	88
2"	50	48	114	9.6	152.4	185	92
2-1/2"	60	62	138	11.1	165.1	210	120
3"	80	78	143	12.7	184.2	246	125
4"	100	98	179	15.9	215.9	310	160

## MATERIALS

P. No.	Name of Parts	Materials	Specifications
1	SCREW	M.S.	IS : 1367 - 1967
2	WASHER	M.S.	IS : 1367 - 1967
3	HAND WHEEL	CAST IRON	IS : 210 FG 200
4	STEM	FORGED BRASS	IS : 6912 FLB
5	GLAND	BRONZE	IS : 318-LTB2
6	GLAND NUT	BRONZE	IS : 318-LTB2
7	GLAND PACKING	ASBESTOS	IS : 4687 - 1980
8	STEM NUT	BRONZE	IS : 318-LTB2
9	BONNET	BRONZE	IS : 318-LTB2
10	WEDGE	BRONZE	IS : 318-LTB2
11	BODY	BRONZE	IS : 318-LTB2



We have no sister concern  
anywhere in India

# BOSS

VALVES, COCKS & BOILER MOUNTINGS

**BOSS****BOSS**
**Gun Metal**  
 GATE VALVE LOCKABLE TYPE
**DESCRIPTION****BOSS GUN METAL GATE VALVE**

Lockable Type Flanged ends BS-10

Table 'D'

**TESTED & SUITABILITY**

BODY TEST PRESSURE : 300 Psig. Hyd.

SEAT TEST PRESSURE : 300 Psig. Hyd.

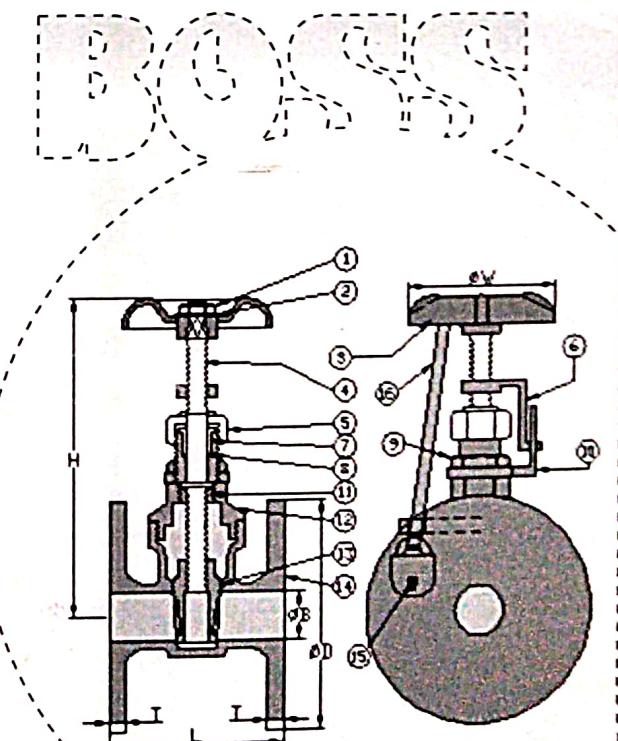
SUITABLE : Water &amp; Oil

**DIMENSIONS IN MM**

INCH.	MM	L	ØB	ØD	T	ØW	H
1/2"	15	64	15	95.3	6.4	50	93
3/4"	20	76	19	101.6	6.4	60	110
1"	25	86	25	114.3	8.0	65	120
1-1/4"	32	89	32	120.7	8.0	75	135
1-1/2"	40	106	38	133.4	9.6	88	160
2"	50	114	50	152.4	9.6	92	185
2-1/2"	60	138	65	165.1	11.1	120	210
3"	80	143	80	184.2	12.7	125	246
4"	100	179	100	215.9	15.9	160	310

**MATERIALS**

P. No.	Name of Parts	Materials	Specifications
1	NUT	M.S.	IS : 1367 - 1967
2	WASHER	M.S.	IS : 1367 - 1967
3	HAND WHEEL	C.I.	IS : 210 FG 200
4	STEM	BRASS	IS : 6912 FLB2
5	GLAND NUT	BRONZE	IS : 318 LTB2
6	POINTER	BRONZE	IS : 318 LTB2
7	GLAND BUSH	BRONZE	IS : 318 LTB2
8	GLAND PACKING	ASBESTOS	IS : 4687 - 1980
9	CHECK NUT	BRONZE	IS : 318 LTB2
10	POINTER GUIDE	BRONZE	IS : 318 LTB2
11	STEM CHECK NUT	BRONZE	IS : 318 LTB2
12	BONNET	BRONZE	IS : 318 LTB2
13	WEDGE	BRONZE	IS : 318 LTB2
14	BODY	BRONZE	IS : 318 LTB2
15	LOCKING PIN	M.S.	IS : 1367 - 1967

We have no sister concern  
anywhere in India**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS



# BOSS

VALVES

.... has to be No 1

Gun Metal  
GATE VALVE

IS : 778  
CML-9136171



## DESCRIPTION

### BOSS GUN METAL GATE VALVE ISI MARKED

Flanged Ends



## TESTED & SUITABILITY

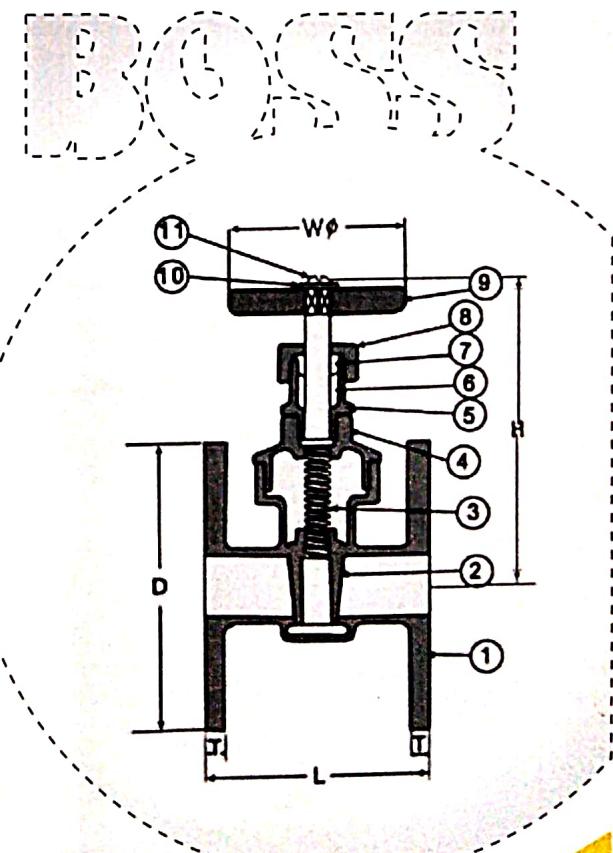
	Class - 1	Class - 2
Body	1.5Mpa (15kg/cm <sup>2</sup> )	2.4Mpa (24kg/cm <sup>2</sup> )
Seat & Back seat	1.0Mpa (10kg/cm <sup>2</sup> )	1.6Mpa (16kg/cm <sup>2</sup> )

## DIMENSIONS IN MM

INCH.	MM	L	H	W	D	T
1/2"	15	72	122	62	95	6
3/4"	20	76	122	62	105	6
1"	25	90	125	66	115	8
1-1/4"	32	100	148	75	140	8
1-1/2"	40	110	162	85	150	9
2"	50	120	188	110	165	11
2-1/2"	60	140	225	127	185	13
3"	80	150	260	127	200	13
4"	100	190	311	188	220	16

## MATERIALS

P. No.	Name of Parts	Materials	Specifications
1	BODY	GUN METAL	IS : 318-LTB2
2	WEDGE	GUN METAL	IS : 318-LTB2
3	STEM	HIGH TENSILE BRASS	IS : 6912 FLB
4	BONNET	GUN METAL	IS : 318-LTB2
5	STUFFING BOX	GUN METAL	IS : 318-LTB2
6	GLAND PACKING	ASBESTOS/TEFLON	IS : 4687/PTFE
7	GLAND	GUN METAL	IS : 318-LTB2
8	GLAND NUT	GUN METAL	IS : 318-LTB2
9	HAND WHEEL	CAST IRON	IS : 210 FG 200
10	WASHER	M. S.	
11	SCREW	M. S.	



We have no sister concern  
anywhere in India

# BOSS

VALVES, COCKS & BOILER MOUNTINGS

**BOSS**

# **BOSS**

**VALVES**  
.... has to be No.1

**Gun Metal**  
GATE VALVE

IS : 778



CM/L-9136171



An ISO 9001-2000 Company

**DESCRIPTION****BOSS GUN METAL GATE VALVE ISI MARKED**

Screwed Female Ends

**TESTED & SUITABILITY**

Class - 1

Body

1.5Mpa (15kg/cm<sup>2</sup>)

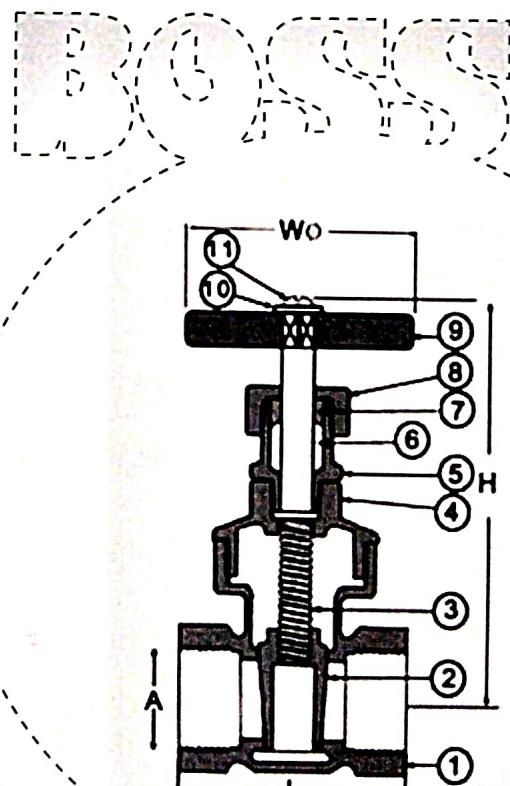
Class - 2

2.4Mpa (24kg/cm<sup>2</sup>)Seat &  
Back seat1.0Mpa (10kg/cm<sup>2</sup>)1.6Mpa (16kg/cm<sup>2</sup>)**DIMENSIONS IN MM**

INCH.	MM	A	L	H	W
1/2"	15	1/2" BSP	60	109	53
3/4"	20	3/4" BSP	60	113	66
1"	25	1" BSP	70	130	66
1-1/4"	32	1-1/4" BSP	80	145	75
1-1/2"	40	1-1/2" BSP	90	162	85
2"	50	2" BSP	100	189	92
2-1/2"	60	2-1/2" BSP	105	225	127
3"	80	3" BSP	125	262	127
4"	100	4" BSP	160	311	188

**MATERIALS**

P. No.	Name of Parts	Materials	Specifications
1	BODY	GUN METAL	IS : 318-LTB2
2	WEDGE	GUN METAL	IS : 318-LTB2
3	STEM	HIGH TENSILE BRASS	IS : 6912 FLB
4	BONNET	GUN METAL	IS : 318-LTB2
5	STUFFING BOX	GUN METAL	IS : 318-LTB2
6	GLAND PACKING	ASBESTOS/TEFLON	IS : 4687/PTFE
7	GLAND	GUN METAL	IS : 318-LTB2
8	GLAND NUT	GUN METAL	IS : 318-LTB2
9	HAND WHEEL	CAST IRON	IS : 210 FG 200
10	WASHER	M. S.	
11	SCREW	M. S.	

We have no sister concern  
anywhere in India**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS**

# **BOSS**

**VALVES**  
.... has to be No.1

## Cast Iron BALL VALVE

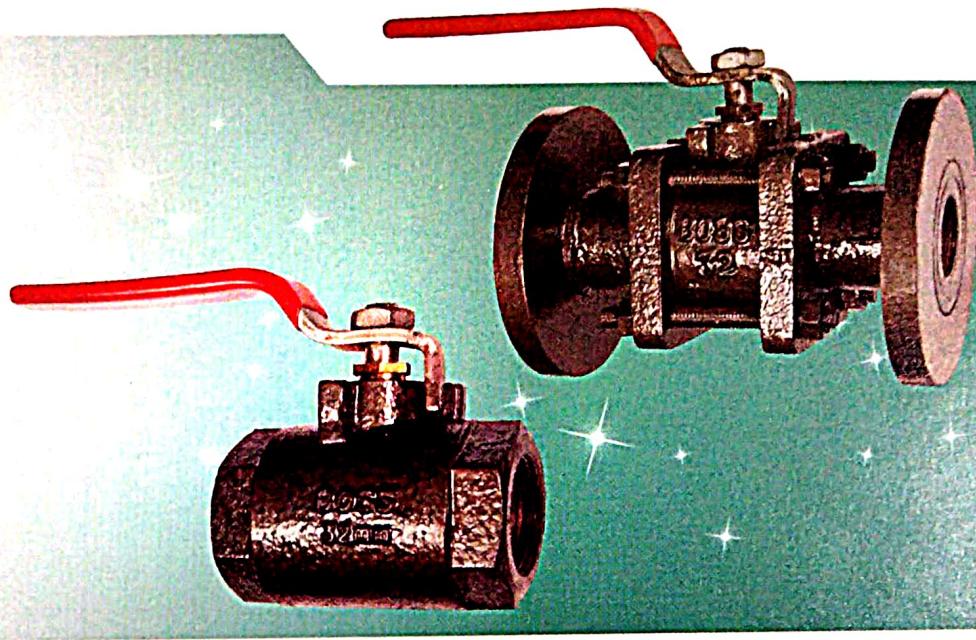
**DESCRIPTION****BOSS CAST IRON BALL VALVE**

Screwed Ends / Flanged Ends

**TEST & SUITABILITY**

TEST PRESSURE : 300 Psig Hyd.

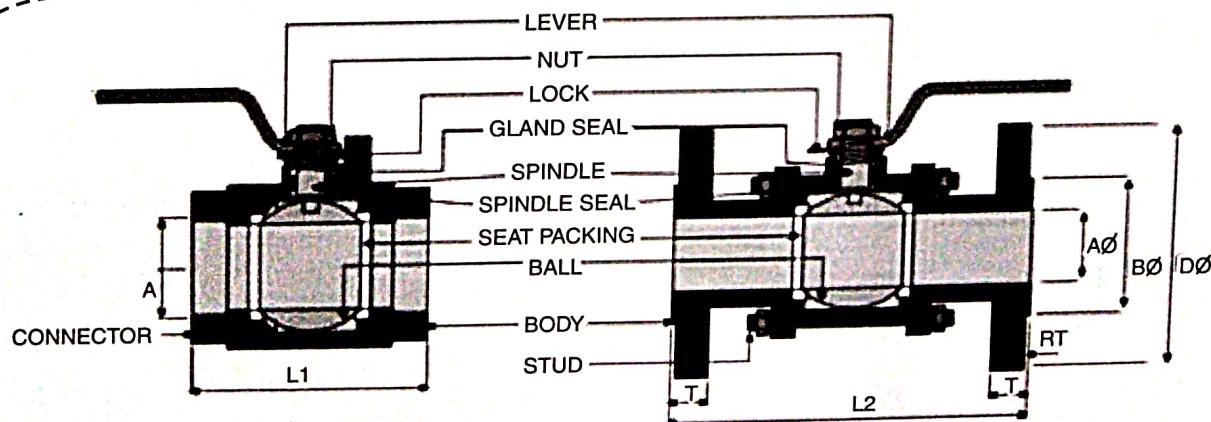
SUITABLE : Water &amp; Oil.

**DIMENSIONS IN MM**

INCH.	MM	L1	B	A	L2	BØ	AØ	DØ	T	RT
1/2"	15	83	60	12.7			15			
3/4"	20	90	72	19			20			
1"	25	97	85	22	140	50.8	25	108	11.2	1.6
1-1/4"	32	103	85	30.5	165	63.5	32	117.5	12.7	1.6
1-1/2"	40	115	100	37	165	73	38	127	14.3	1.6
2	50	142	115	48	203	92	50	152.4	15.9	1.6
2-1/2"	65	160	138	62	222	104.7	65	177.8	17.5	1.6
3"	80	179	192	74	241	127	75	190.5	19.1	1.6
4"	100	217	210	98	305	157.2	100	228.6	24	1.6

**MATERIALS**

P. No.	Name of Parts	Materials
1	LEVER	M. S.
2	NUTS, STUDS, GLAND NUT	M. S.
3	SEATS, SEALS, PACKING	PTFE
4	BALL	SS 202/304
5	STEM	SS 410
6	BODY	CAST IRON
7	BODY GASKET	C.A.F.
8	BONNET	CAST IRON

We have no sister concern  
anywhere in India**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS**

VALVES

.... has to be No.1

**Bronze**  
BALL VALVE**DESCRIPTION****BOSS BRONZE BALL VALVE**

Screwed Ends with S.S. working parts

**TEST & SUITABILITY**

TEST PRESSURE : 500 PSIG HYD.

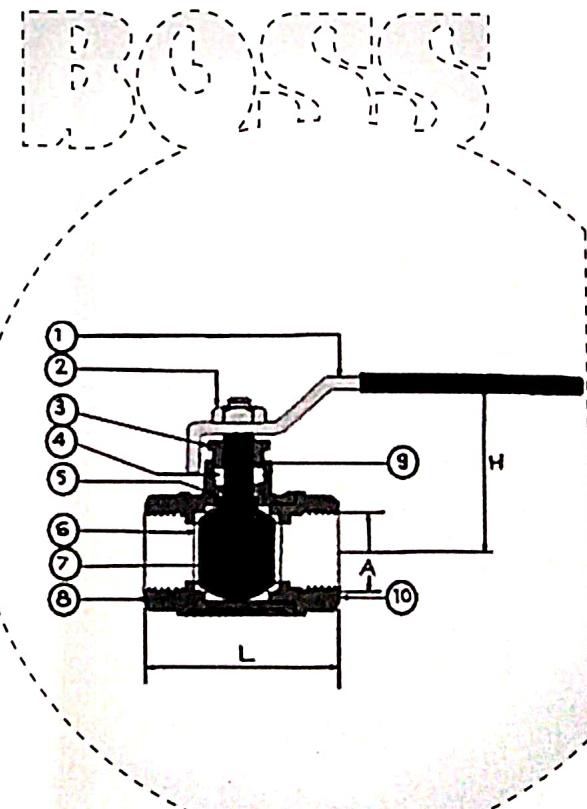
SUITABLE : Water, Steam &amp; oil

**DIMENSIONS IN MM**

INCH.	MM		L	H
1/2"	15	1/2" BSP	60	50
3/4"	20	3/4" BSP	62	56
1"	25	1" BSP	70	78
1-1/4"	32	1-1/4" BSP	83	90
1-1/2"	40	1-1/2" BSP	105	113
2"	50	2" BSP	125	140
2-1/2"	65	2-1/2" BSP	149	145
3"	80	3" BSP	170	210
4"	100	4" BSP	211	280

**MATERIALS**

P. No.	Name of Parts	Materials	Specifications
1	HANDLE	M.S.	IS : 226
2	NUT	M.S.	IS : 226
3	GLAND NUT	BRASS/BRONZE	IS : 318 LTB2/IS : 6912
4	GLAND PACKING	TEFLON	PTFE
5	STEM SEAL	TEFLON	PTFE
6	SEAT	TEFLON	PTFE
7	BALL	S.S	AISI : 304
8	BODY	BRONZE	IS : 318 LTB2
9	STEM	S.S	AISI : 410
10	BONNET	BRONZE	IS : 318 LTB2

We have no sister concern  
anywhere in India**BOSS**

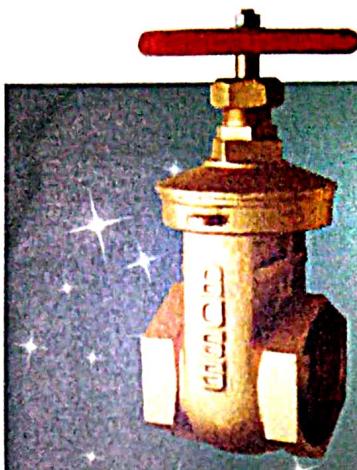
VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS**

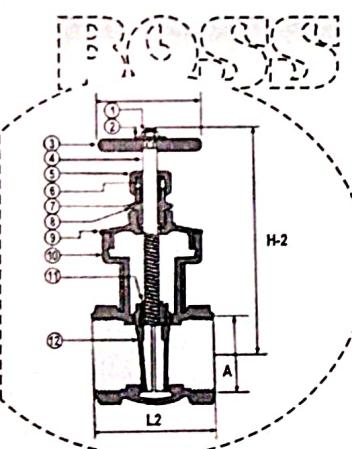
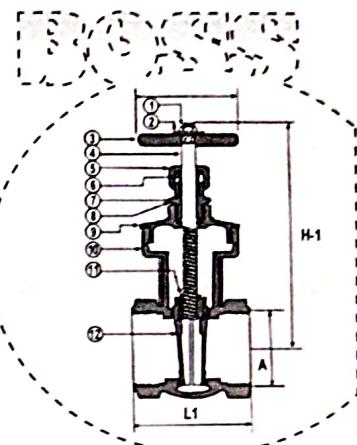
# **BOSS**

**VALVES**  
.... has to be No.1

**Bronze**  
TANKER VALVE

**DESCRIPTION**

**BOSS** BRONZE DOUBLE DISC TYPE  
TANKER VALVE Medium Pattern  
No. 570

**DESCRIPTION**

**BOSS** BRONZE DOUBLE DISC TYPE  
TANKER VALVE Heavy Pattern  
No. 580

**MATERIALS**

Name of Parts	Name of Parts	Name of Parts
NUT	M. S.	IS :1367 - 1967
WASHER	M. S.	IS :1367 - 1967
HAND WHEEL	CAST IRON	IS - 210 FG 200
SPINDLE	FORGED BRASS	IS 6912 FLB
GLAND NUT	BRONZE	IS : 318 LTB2
GLAND	BRONZE	IS : 318 LTS2
GLAND PACKING	ASBESTOS	IS : 4687
STUFFING BOX	BRONZE	IS : 318 LTB2
BONNET	BRONZE	IS : 318 LTB2
BODY	BRONZE	IS : 318 LTB2
STEM TEE	FORGED BRASS	IS : 6912 FLB
WEDGE	BRONZE	IS : 318 LTB2

**DIMENSIONS IN MM**

INCH.	MM	A	L1	L2	L3	H1	H2	H3
3"	80	3" BSP	101	108	120	235	245	290

**TESTED & SUITABILITY**

BODY TEST PRESSURE : 300 Psig Hyd.  
SEAT TEST PRESSURE : 200 Psig Hyd.  
AIR TEST PRESSURE : 150 Psig  
SUITABLE : Petrol & Diesel.  
Spl. Note : Back Seat Arrangement.



We have no sister concern  
anywhere in India

# **BOSS**

VALVES, COCKS & BOILER MOUNTINGS

**BOSS**

# BOSS

Bronze  
TANKER VALVE



## DESCRIPTION

**BOSS BRONZE DOUBLE DISC TYPE TANKER VALVE Extra Heavy Pattern**  
No. 590 Class - 1

## TESTED & SUITABILITY

BODY TEST PRESSURE : 300 Psig Hyd.  
SEAT TEST PRESSURE : 200 Psig Hyd.  
AIR TEST PRESSURE : 150 Psig  
SUITABLE : Petrol & Diesel.  
Spl. Note : Back Seat Arrangement.

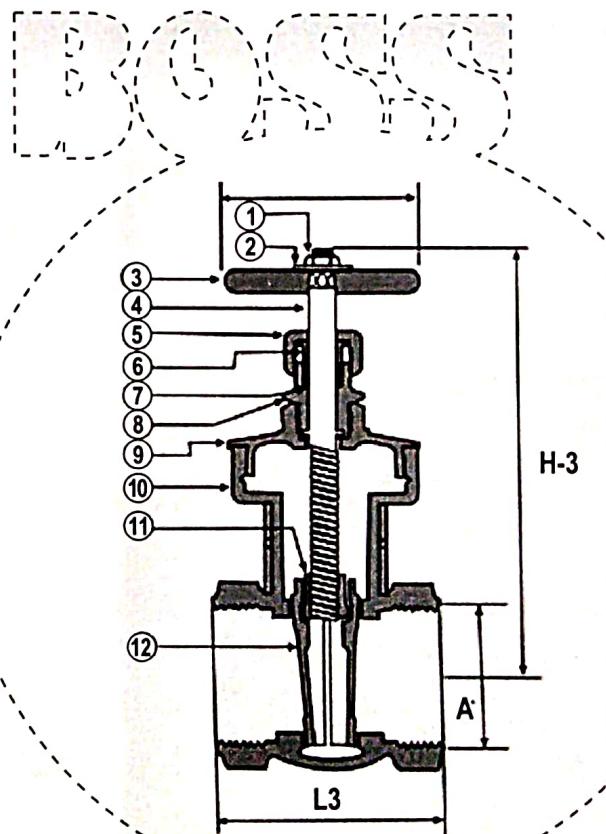


## DIMENSIONS IN MM

INCH	MM	A	L1	L2	L3	H1	H2	H3
3"	80	3" BSP	101	108	120	235	245	290

## MATERIALS

Name of Parts	Name of Parts	Name of Parts
NUT	M. S.	IS : 1367 - 1967
WASHER	M. S.	IS : 1367 - 1967
HAND WHEEL	CAST IRON	IS - 210 FG 200
SPINDLE	FORGED BRASS	IS 6912 FLB
GLAND NUT	BRONZE	IS : 318 LTB2
GLAND	BRONZE	IS : 318 LTS2
GLAND PACKING	ASBESTOS	IS : 4687
STUFFING BOX	BRONZE	IS : 318 LTB2
BONNET	BRONZE	IS : 318 LTB2
BODY	BRONZE	IS : 318 LTB2
STEM TEE	FORGED BRASS	IS : 6912 FLB
WEDGE	BRONZE	IS : 318 LTB2



We have no sister concern  
anywhere in India

# BOSS

VALVES, COCKS & BOILER MOUNTINGS

**BOSS****BOSS****Bronze**HORIZONTAL LIFT  
CHECK VALVE**IBR**

CERTIFIED

**DESCRIPTION**

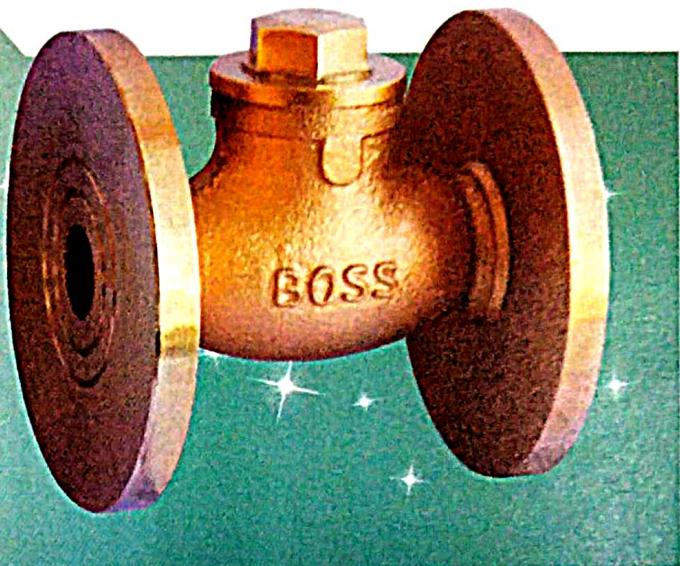
**BOSS BRONZE EXTRA HEAVY  
HORIZONTAL LIFT CHECK VALVE**  
Flanged Ends Table 'H'

**TESTED & SUITABILITY**

Body Test Pressure : 500 Psig Hyd.

Steam Test Pressure : 250 Psig

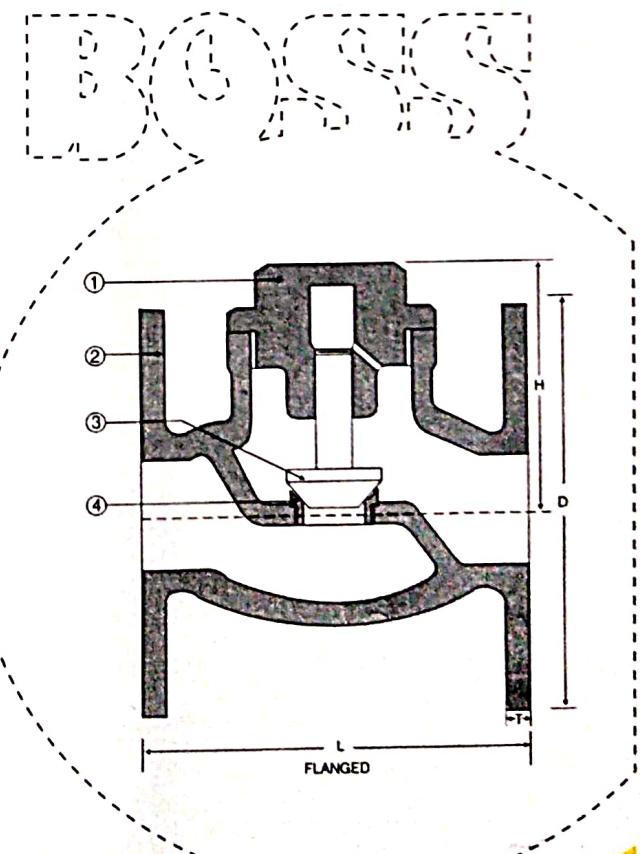
Suitable For : Steam, Water &amp; Oil

**DIMENSIONS IN MM**

NOMINAL SIZE		END TO END/FACE TO FACE DISTANCE			CENTRE TO TOP H. App.
INCH.	MM	FLANGED L	D	T	
1/2"	15	106.0	114.3	9.5	57.0
3/4"	20	112.0	114.3	9.5	60.0
1"	25	124.0	120.6	11.1	67.0
1-1/4"	32	137.5	133.35	11.1	81.0
1-1/2"	40	149.5	139.7	12.7	86.0
2"	50	178.0	165.1	12.7	100.0

**MATERIALS**

No.	Name of Part	Material	Specification
1	Bonnet	Bronze	IBR 282 (a) IV Gr. B
2	Body	Bronze	IBR 282 (a) IV Gr. B
3	Valve Disc	Stainless Steel	AISI 410
4	Body Seat Ring	Stainless Steel	AISI 410

We have no sister concern  
anywhere in India**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS****Bronze**HORIZONTAL LIFT  
CHECK VALVE**IBR**

CERTIFIED

**DESCRIPTION**

**BOSS BRONZE EXTRA HEAVY HORIZONTAL LIFT CHECK VALVE**  
Screwed Female Ends

**TESTED & SUITABILITY**

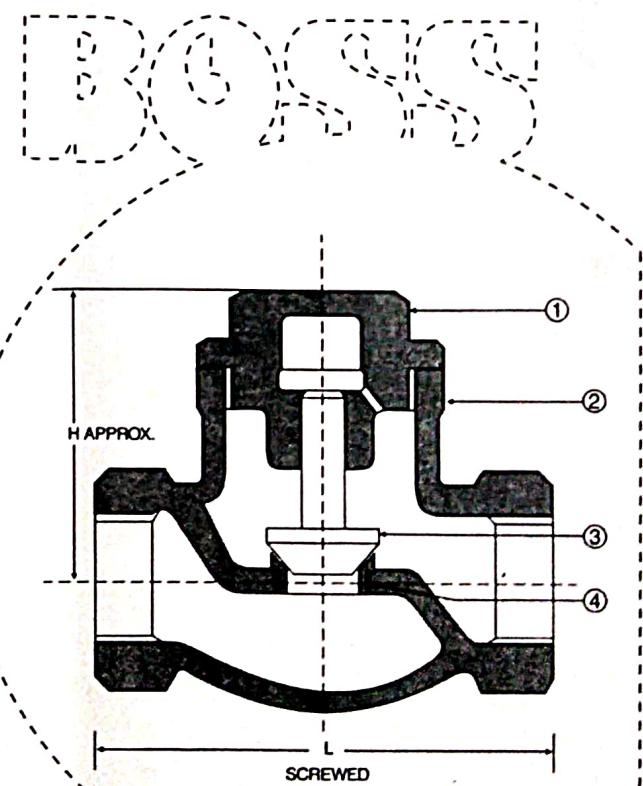
Body Test Pressure : 500 Psig Hyd.  
Steam Test Pressure : 250 Psig  
Suitable For : Steam, Water & Oil

**DIMENSIONS IN MM**

NOMINAL SIZE		END TO END/FACE TO FACE DISTANCE	CENTRE TO TOP H. App.
INCH.	MM	SCREWED L	H. App.
1/2"	15	83.0	57.0
3/4"	20	95.0	60.0
1"	25	111.0	67.0
1-1/4"	32	133.5	81.0
1-1/2"	40	148.0	86.0
2"	50	178.0	100.0

**MATERIALS**

No.	Name of Part	Material	Specification
1	Bonnet	Bronze	IBR 282 (a) IV Gr. B
2	Body	Bronze	IBR 282 (a) IV Gr. B
3	Valve Disc	Stainless Steel	AISI 410
4	Body Seat Ring	Stainless Steel	AISI 410



We have no sister concern  
anywhere in India

**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS**

# **BOSS**

**V A L V E S**

.... has to be No 1

**Cast Iron**GLOBE STEAM  
STOP VALVE**DESCRIPTION****BOSS CAST IRON GLOBE****STEAM STOP VALVE**

Flanged Ends PN -16 Standard pattern o/s & yoke type rising stem & back seat arrangement with renewable 13% cr SS Hardend (Aisi 410) seat & stem. Hand wheel operated Max. temp. 428°C (225°C)

**TEST & SUITABILITY**

Body Test Pressure : 370 Psig Hyd.

(26kgf/Cm<sup>2</sup>g Hyd.)

Steam Test Pressure : 150 Psig. Hyd.

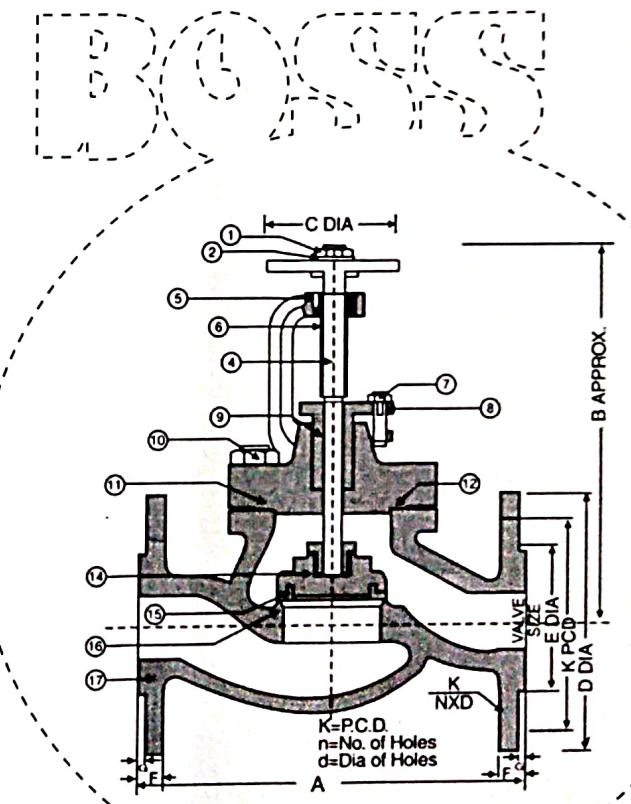
SUITABLE : Steam &amp; Water.

**MATERIALS**

P. No.	Name of Parts	No. Off	Materials	SPECIFICATION
1	Nut of Handwheel	1	M.S.	*****
2	Washer	1	M.S.	IS : 226
3	handwheel	1	C.I.	IBR 86 to 93 Gr. A
4	Stem	1	13% Cr. S.S	AISI 410
5	Locking Screw	1	M.S.	*****
6	Yoke Bush	1	13% Cr. S.S	AISI 410
7	T Head Bolts and Nuts	2 Each	M.S.	*****
8	Gland	1	C.I.	IBR 86 to 93 Gr.A
9	Packing	****	Graphited Asbestos	*****
10	Studs and Nuts	4 Each	M.S.	*****
11	Bonnet	1	C.I.	IBR 86 to 93 Gr.A
12	Gasket	1	C.A.F.	IS : 2712
13	Disc Nut	1	13% Cr. S.S	AISI 410
14	valve Disc	1	C.I.	IBR 86 to 93 Gr. A
15	Disc Facing Ring	1	13% Cr. S.S.	AISI 410
16	Body Seat Ring	1	13% Cr. S.S.	AISI 410
17	Body	1	C.I.	IBR 86 to 93 Gr. A

**DIMENSIONS IN MM**

SIZE	A	B	C	D	E	F	G	Kxnxn
15mm (1/2")	130.0	162.0	100.0	95.0	45.0	14.0	2.0	65x4x14
20mm (3/4")	150.0	168.0	100.0	105.0	58.0	16.0	2.0	75x4x14
25mm (1")	160.0	180.0	120.0	115.0	68.0	16.0	2.0	85x4x14
32mm (1.1/4")	180.0	220.0	160.0	140.0	78.0	18.0	2.0	100x4x18
40mm (1.1/2")	200.0	225.0	160.0	150.0	88.0	18.0	3.0	110x4x18
50mm (2")	230.0	225.0	190.0	165.0	102.0	20.0	3.0	125x4x18
65mm (2.1/2")	290.0	290.0	250.0	185.0	122.0	20.0	3.0	145x4x18
80mm (3")	310.0	330.0	250.0	200.0	138.0	22.0	3.0	160x8x18
100mm (4")	350.0	380.0	300.0	220.0	158.0	24.0	3.0	180x8x18
125mm (5")	400.0	430.0	350.0	250.0	188.0	26.0	3.0	210x8x18
150mm (6")	480.0	480.0	375.0	285.0	212.0	26.0	3.0	240x8x22

We have no sister concern  
anywhere in India**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS**

# **BOSS**

**VALVES**

*.... has to be No 1***Cast Iron**GLOBE STEAM  
STOP VALVE

  
**CERTIFIED**
**DESCRIPTION****BOSS CAST IRON JUNCTION****STEAM STOP VALVE (RIGHT ANGLE PATTERN)**

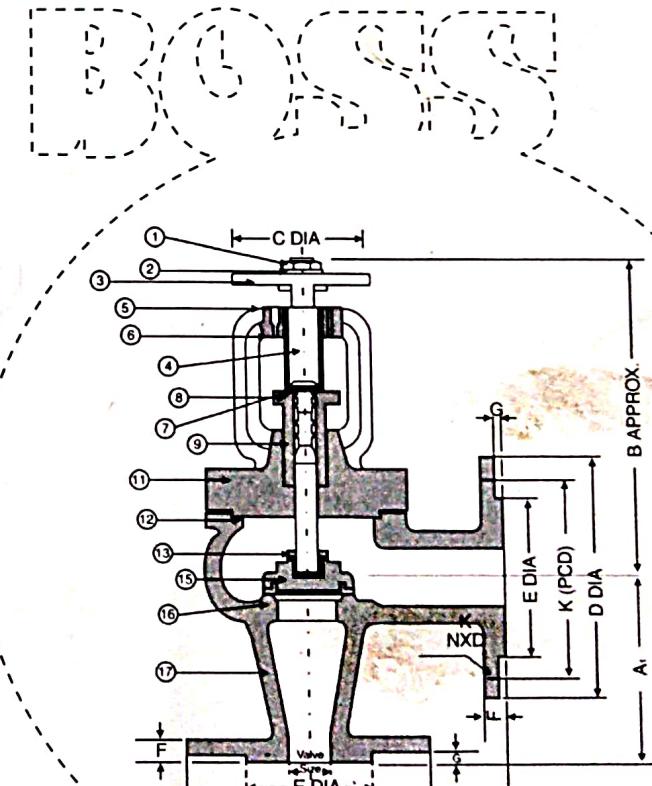
Flanged Ends Bolted cover outside screw  
yoke type rising stem with back seat arrangement  
with renewable SS Hardend & stem as per  
DIN 2533 Rf (PN-16)

**TEST & SUITABILITY****Body Test Pressure : 370 Psig Hyd.**(26kgf/Cm<sup>2</sup>g Hyd.)**Steam Test Pressure : 185 Psig.****SUITABLE : Steam.****MATERIALS**

P. No.	Name of Parts	No. Off	Materials	SPECIFICATION
1	Nut of Handwheel	1	M.S.	*****
2	Washer	1	M.S.	IS : 226
3	handwheel	1	C.I.	IBR 86 to 93 Gr. A
4	Stem	1	13% Cr. S.S	AISI 410
5	Locking Screw	1	M.S.	*****
6	Yoke Bush	1	13% Cr. S.S	AISI 410
7	T Head Bolts and Nuts	2 Each	M.S.	*****
8	Gland	1	C.I.	IBR 86 to 93 Gr.A
9	Packing	****	Graphited Asbestos	*****
10	Studs and Nuts	4 Each	M.S.	*****
11	Bonnet	1	C.I.	IBR 86 to 93 Gr.A
12	Gasket	1	C.A.F.	IS : 2712
13	Disc Nut	1	13% Cr. S.S	AISI 410
14	valve Disc	1	C.I.	IBR 86 to 93 Gr. A
15	Disc Facing Ring	1	13% Cr. S.S.	AISI 410
16	Body Seat Ring	1	13% Cr. S.S.	AISI 410
17	Body	1	C.I.	IBR 86 to 93 Gr. A

**DIMENSIONS IN MM**

SIZE	A	B	C	D	E	F	G	Knxxd
15mm (1/2")	130.0	162.0	100.0	95.0	45.0	14.0	2.0	65x4x14
20mm (3/4")	150.0	168.0	100.0	105.0	58.0	16.0	2.0	75x4x14
25mm (1")	160.0	180.0	120.0	115.0	68.0	16.0	2.0	85x4x14
32mm (1.1/4")	180.0	220.0	160.0	140.0	78.0	18.0	2.0	100x4x18
40mm (1.1/2")	200.0	225.0	160.0	150.0	88.0	18.0	3.0	110x4x18
50mm (2")	230.0	225.0	190.0	165.0	102.0	20.0	3.0	125x4x18
65mm (2.1/2")	290.0	290.0	250.0	185.0	122.0	20.0	3.0	145x4x18
80mm (3")	310.0	330.0	250.0	200.0	138.0	22.0	3.0	160x8x18
100mm (4")	350.0	380.0	300.0	220.0	158.0	24.0	3.0	180x8x18
125mm (5")	400.0	430.0	350.0	250.0	188.0	26.0	3.0	210x8x18
150mm (6")	480.0	480.0	375.0	285.0	212.0	26.0	3.0	240x8x22

**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

We have no sister concern  
anywhere in India

**BOSS****BOSS****Cast Steel**

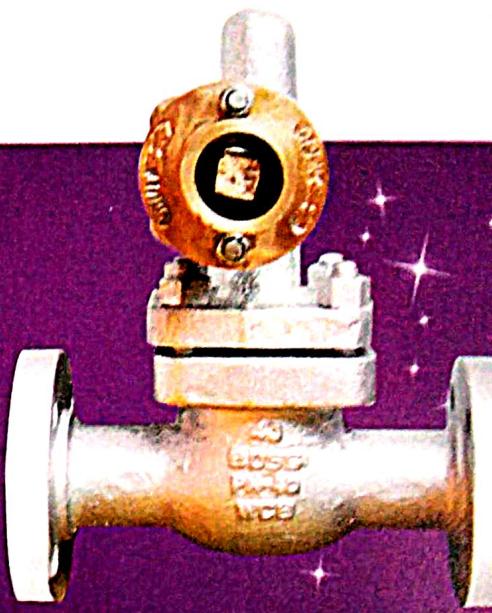
Parallel Slide Blow off valve

**IBR**

CERTIFIED

**DESCRIPTION****BOSS CAST STEEL PARALLEL BLOW OFF VALVE**

Rack & pinion with monel/S.S. seats, supplied with operating key. Flanged ends as per BS Table 'J'

**TESTED & SUITABILITY**

SUITABLE FOR MAX. BOP : 350 Psig.

MAX. SERVICE TEMPERATURE : 400°C

BODY &amp; SEAT TEST PRESSURE : 700 Psig. Hyd

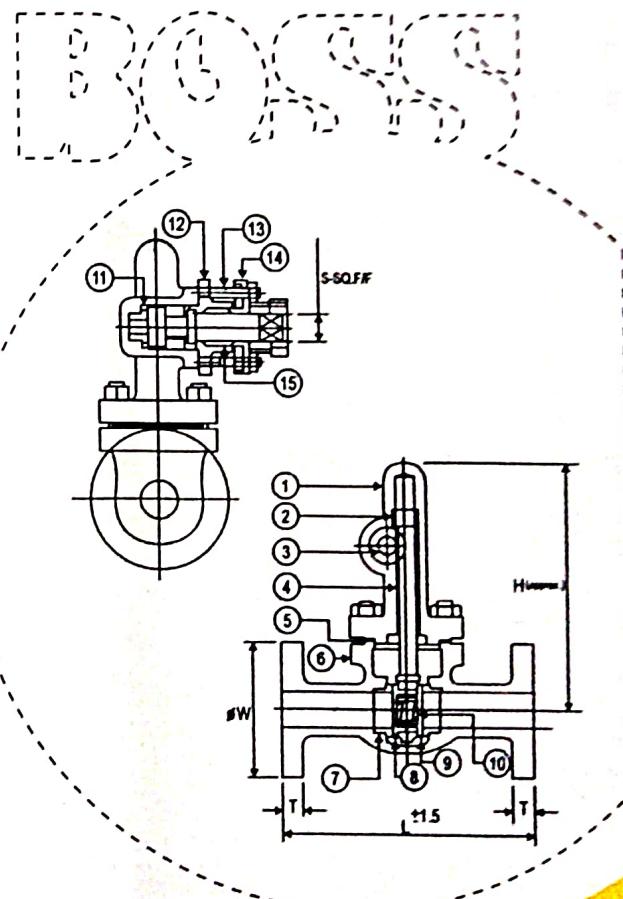
SUITABLE : Water &amp; Steam.

**DIMENSIONS IN MM**

INCH.	MM	LENGTH	H	D	T
1"	25	178	200	120.6	19.05
1-1/4"	32	242	260	133.3	19.05
1-1/2"	40	267	260	139.7	22.2
	50	305	300	165.1	25.4

**MATERIALS**

P. No.	Name of Parts	Materials	SPECIFICATION
1	Bonnet	C.S.	ASTM A216 Gr. WCB
2	Rack Bush	Bronze	IBR 282 (a) (iv) Gr. B
3	Pinion	Bronze	IBR 282 (a) (iv) Gr. B
4	Rack	Bronze	IBR 282 (a) (iv) Gr. B
5	Gasket	CAF	BS 2815 Gr. A
6	Body	C.S.	ASTM A216 Gr. WCB
7	Body Seat Ring	Monel/SS410	
8	Female Disc	Monel/SS410	
9	Male Disc	Monel	
10	Spring	Spring Steel	
11	Bush	S.S. / Bronze	AISI 410
12	Stuffing Box	Bronze	IBR 282 (a) (iv) Gr. B
13	Studs & Nuts	Carbon Steel	Min UTS = 390 Mpa
14	Gland	Bronze	
15	Gland Packing	Graphited Asbestos	



We have no sister concern  
anywhere in India

**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS****Bronze**

'Y' TYPE STRAINER

**IBR**

CERTIFIED

**DESCRIPTION****BOSS CAST STEEL 'Y' TYPE STRAINER**

Flanged Ends to BS 10 Table 'J' With  
Perforated Stainless Steel (AISI 304)  
Sheet Screen

**TESTED & SUITABILITY**

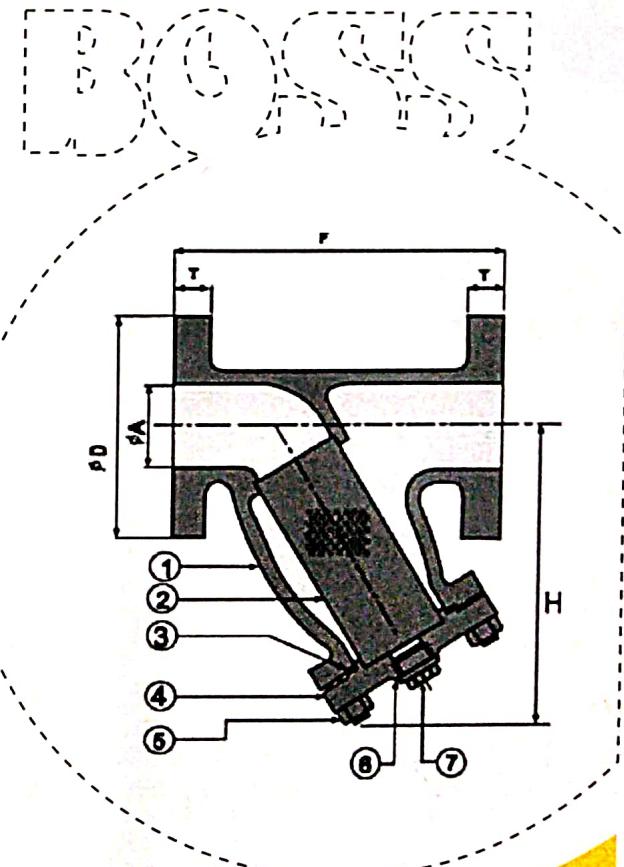
**HYDRAULIC TEST PRESSURE :** 49.12 Kg/cm<sup>2</sup> (700 psig)  
**MAX. STEAM WORKING PRESSURE :** 24.60 Kg/cm<sup>2</sup> (350 psig)  
**MAX. PERMISSIBLE PRESSURE :** 400°C  
**SUITABLE :** Water & Steam.

**DIMENSIONS IN MM**

INCH.	MM	A	D	T	F	H
1"	25	25.4	120.7	19.1	181	143
1/2"	40	38.0	139.7	22.2	260	156
2"	50	50.8	165.1	25.4	277	184
1-1/2"	65	63.5	184.2	25.4	277	222
3"	80	76.2	203.2	31.8	296	274
4"	100	101.6	228.6	34.9	403	307

**MATERIALS**

P. No.	Name of Parts	Materials	SPECIFICATION
1	Body	Cast Steel	IBR 73 to 80
2	Strainer	Stainless Steel	AISI-304
3	Gasket	CAF	BS 2815 Gr. A
4	Cover	Cast Steel	IBR 73 to 80
5	Studs & Nuts	Carbon Steel	Min Uts, 390 MPA
6	Gasket	CAF	BS-2815 Gr. A
7	Drain Plug	Stainless Steel	AISI-410



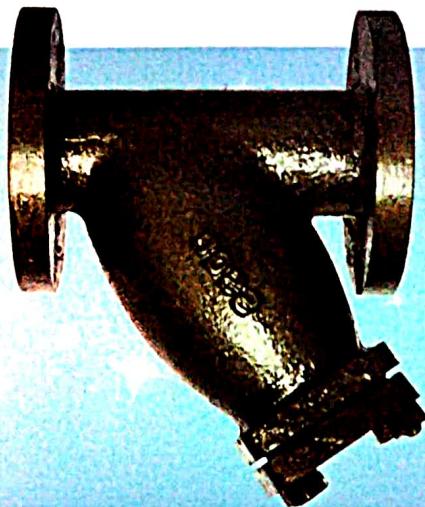
We have no sister concern  
anywhere in India

**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS****Cast Iron**  
**'Y'-TYPE STRAINER****IBR**  
CERTIFIED**DESCRIPTION****BOSS 'Y' TYPE STRAINER**

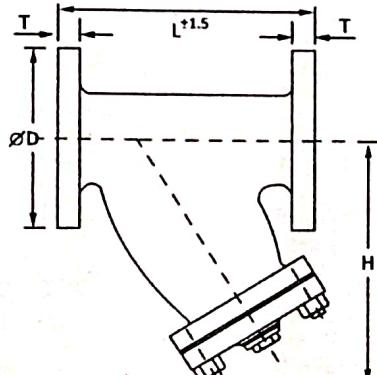
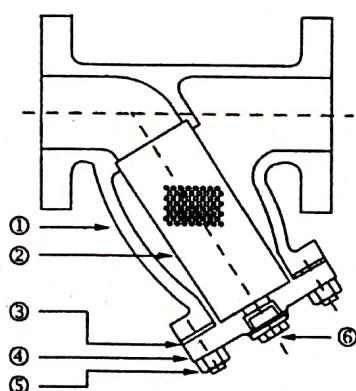
With Stainless Steel Perforated Sheet Screen S.S. 304  
 Flanged ends to BS 10 Table 'F'

**TESTED & SUITABILITY****MAX. STEM WORKING PRESSURE : 150 Psig****MIN. HYDRAULIC TEST PRESSURE : 300 Psig****MAX. WORKING TEMPERATURE : 200°C****SUITABLE : Water & Steam.****DIMENSIONS IN MM**

INCH.	MM	LENGTH	HEIGHT	$\varnothing D$	T
1/2"	15	136	66	95.3"	1/2"
3/4"	20	140	82	101.	1/2"
1"	25	162	100	121	1/2"
1-1/4"	32	185	145	133	5/8"
1-1/2"	40	206	160	140	5/8"
2"	50	210	198	165	3/4"
2-1/2"	65	248	250	184	3/4"
3"	80	270	260	203	3/4"
4"	100	381	310	228	7/8"

**MATERIALS**

P. No.	Name of Parts	Materials	SPECIFICATION
1	Body	C.I.	IBR 86 to 93 Gr. A
2	Strainer	S.S.	Type 304
3	Gasket	C.A.F.	IS 2712
4	Cover	C.I.	IBR 86 to 93 Gr. A
5	Stud & Nut	M.S.	
6	Drain Plug	M.S.	

We have no sister concern  
anywhere in India**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS****Cast Iron**

'Y'-TYPE STRAINER

**IBR**

CERTIFIED

**DESCRIPTION****BOSS CAST IRON 'Y' TYPE STRAINER**

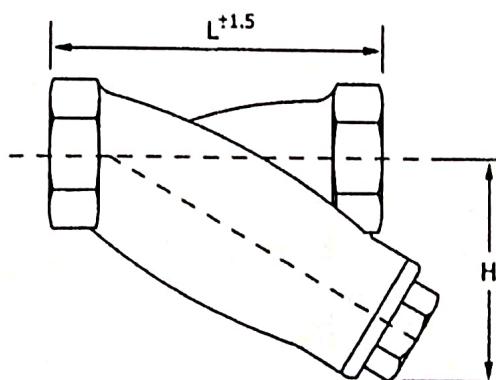
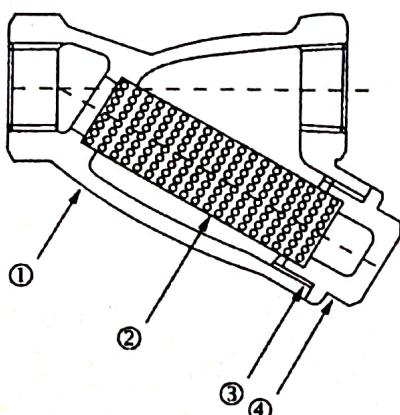
With Stainless Steel Perforated Sheet Screen.  
Screwed female ends to BS 21.

**TESTED & SUITABILITY****MAX. STEM WORKING PRESSURE : 185 Psig.****MIN. HYDRAULIC TEST PRESSURE : 310 Psig.****MAX. WORKING TEMPERATURE : 200°C****SUITABLE : Water & Steam.****DIMENSIONS IN MM**

INCH.	MM	LENGTH	HEIGHT
1/2"	15	82	65
3/4"	20	108	78
1"	25	120	85
1-1/4"	32	178	121
1-1/2"	40	180	140
2"	50	222	165

**MATERIALS**

P. No.	Name of Parts	Materials	SPECIFICATION
1	Body	C.I.	IBR 86 to 93 Gr. A
2	Strainer	S.S.	Type 304
3	Gasket	C.A.F.	IS 2712
4	Cover	C.I.	IBR 86 to 93 Gr. A



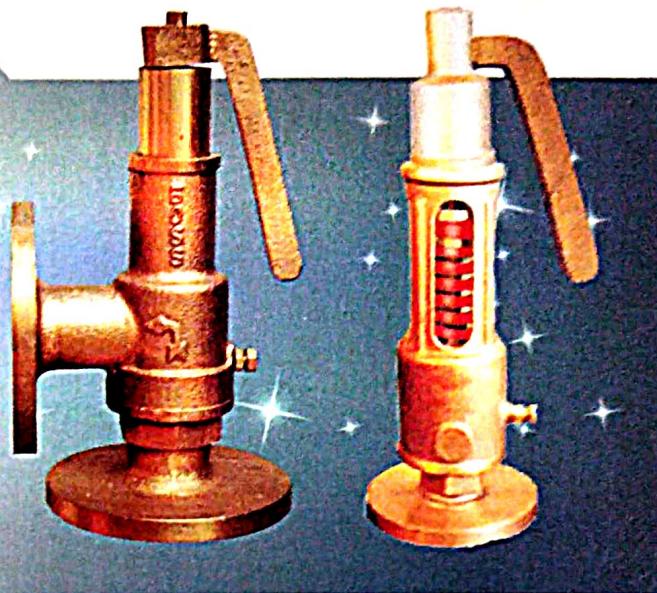
We have no sister concern  
anywhere in India

**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS****Bronze**Pop Type Safety Valve  
(Open/Enclosed Discharged)**IBR**  
CERTIFIED**DESCRIPTION****BOSS BRONZE POP TYPE SAFETY VALVE, SPRING LOADED****OPEN DISCHARGE OR ENCLOSED DISCHARGED**

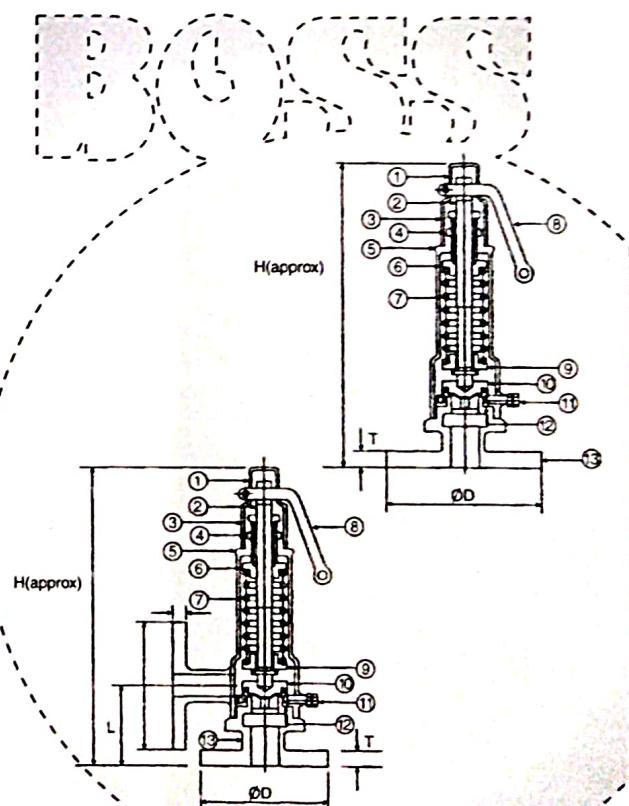
Flanged ends as per Bs10 Table - H

**TESTED & SUITABILITY****BODY TEST PRESSURE : 500 Psig Hyd.****MAX. SET PRESSURE : 250 Psig Steam****MAX. WORKING TEMP. : 225°C****SUITABLE : Water & Steam.****DIMENSIONS IN MM**

INCH.	MM	LENGTH	H	D	T
1/2"	15	66	185	95	8
3/4"	20	73.5	216	102	8
1"	25	75	227	121	9.6
1-1/4"	32	93.5	206	133.5	9.6
1-1/2"	40	95	260	140	11.5
2	50	110	300	165	11.5

**MATERIALS**

P. No.	Name of Parts	Materials	SPECIFICATION
1	Cap	Bronze	IBR 282 (a) (iv) Gr. B
2	Stem	Brass	Forged
3	Adjusting Screw	Bronze	IBR 282 (a) (iv) Gr. B
4	Check Nut	Bronze	IBR 282 (a) (iv) Gr. B
5	Spring Chamber	Bronze	IBR 282 (a) (iv) Gr. B
6	Upper Spring Disc	Bronze	IBR 282 (a) (iv) Gr. B
7	Spring	Carbon Steel	EN44 / IBR 307
8	Lever	Bronze	IBR 282 (a) (iv) Gr. B
9	Lower Spring Disc	Bronze	IBR 282 (a) (iv) Gr. B
10	Disc	Bronze	IBR 282 (a) (iv) Gr. B
11	Locking Screw	Brass	IBR 282 (a) (iv) Gr. B
12	Regulating Ring	Bronze	IBR 282 (a) (iv) Gr. B
13	Body	Bronze	IBR 282 (a) (iv) Gr. B

We have no sister concern  
anywhere in India**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS**

VALVES

.... has to be No.1

**Bronze**Safety Valve : Screwed  
Open/enclosed Discharged**IBR**

CERTIFIED

**DESCRIPTION****BOSS BRONZE SPRING LOADED OPEN DISCHARGE OR ENCLOSED DISCHARGE.**

Screwed male BSPT inlet. Screwed female BSP outlet (in case of enclosed discharge)

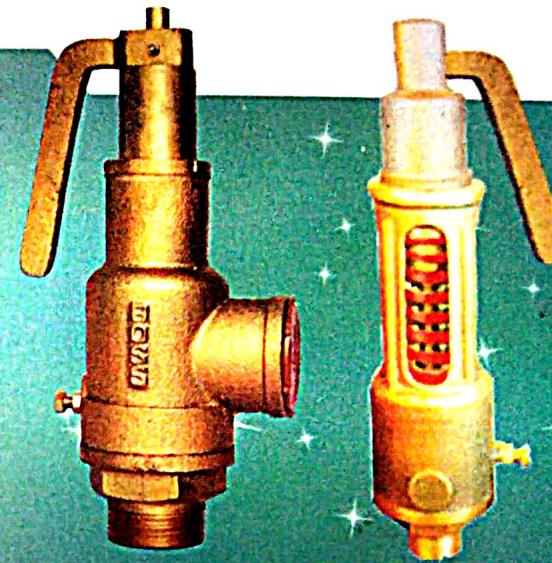
**TESTED & SUITABILITY**

BODY TEST PRESSURE : 300 Psig Hyd.

MAX. SET PRESSURE : 150 Psig

MAX. WORKING TEMP. : 225C

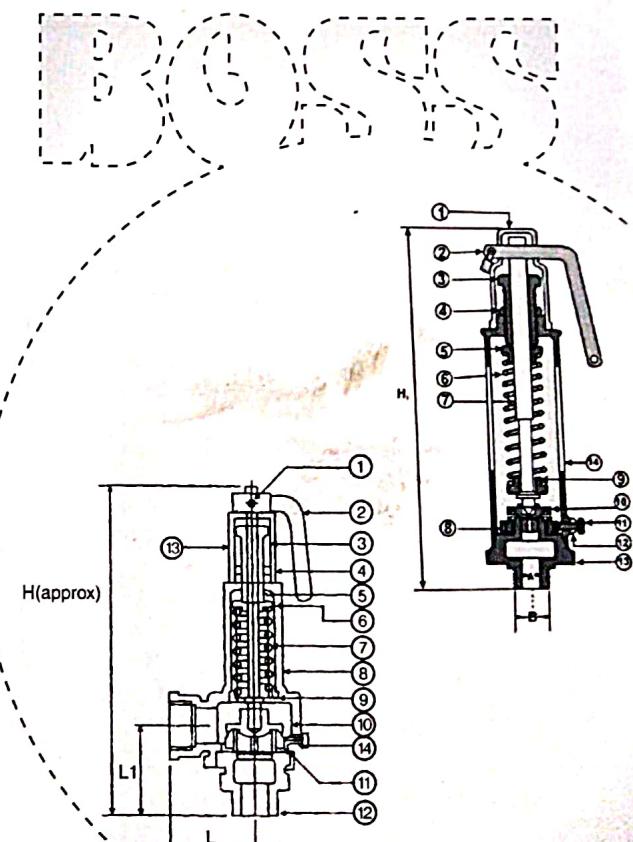
SUITABLE : Water &amp; Steam.

**DIMENSIONS IN MM**

INCH.	MM	LENGTH	L1	H
1/2"	15	45	60	190
3/4"	20	50	80	220
1"	25	60	80	230
1-1/4"	32	63	85	300
1-1/2"	40	68	90	260
2"	50	75	110	300

**MATERIALS**

P. No.	Name of Parts	Materials	SPECIFICATION
1	Easing Lever Pin	13% Cr. S.S.	AISI 410
2	Easing Lever	Bronze / Aluminium	IBR 282 (a) (iv) Gr. B
3	Adjusting Screw	Bronze	IBR 282 (a) (iv) Gr. B
4	Adj. Screw Lock Nut	Bronze	IBR 282 (a) (iv) Gr. B
5	Stem	Brass / 13% Cr. S.S.	IS6912Gr. FLB / AISI 410
6	Upper Spring Disc	Bronze	IBR 282 (a) (iv) Gr. B
7	Spring	Carbon Steel / S.S.	IBR 307 / AISI 304
8	Spring Chamber	Bronze	IBR 282 (a) (iv) Gr. B
9	Lower Spring Disc	Bronze	IBR 282 (a) (iv) Gr. B
10	Disc	Bronze	IBR 282 (a) (iv) Gr. B
11	Regulating Ring	Bronze	IBR 282 (a) (iv) Gr. B
12	Body	Bronze	IBR 282 (a) (iv) Gr. B
13	Adj. Screw Cover	Aluminium	
14	Locking Screw	Brass	

We have no sister concern  
anywhere in India**BOSS**

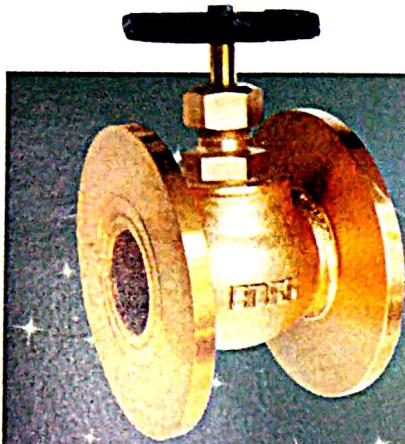
VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS**

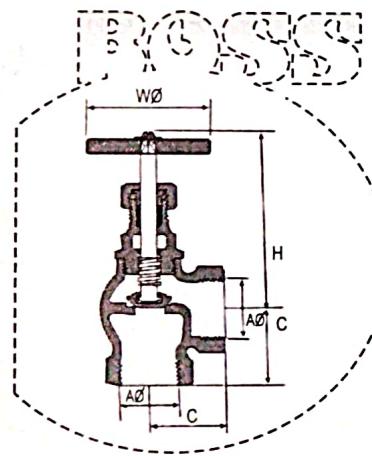
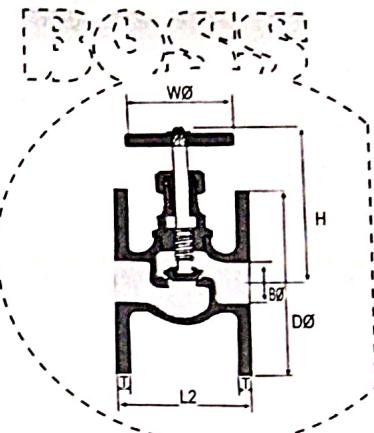
# **BOSS**

V A L V E S  
.... has to be No.1

## Gun Metal/Bronze WHEEL VALVE

**DESCRIPTION**

**BOSS BRONZE WHEEL VALVE**  
No. 8 Flanged Ends (Medium Pattern)  
as Per BS : 10 Table 'D'

**DESCRIPTION**

**BOSS BRONZE ANGLE WHEEL VALVE**  
No. 4 Screwed Female Ends

**MATERIALS**

Name of Parts	Materials	Specifications
BODY, BONNET, DISC, GLAND, CHECK NUT	BRONZE/G.M	IS : 318 LTB2
SPINDLE	FORGED BRASS	IS : 6912 FLB
HAND WHEEL	CAST IRON	IS : 210 FG 200

**TESTED & SUITABILITY**

**BODY TEST PRESSURE :** 300 Psig Hyd.

**SEAT TEST PRESSURE :** 300 Psig Hyd.

**SUITABLE :** Water & Oil.

**Spl. Note :** Above valves also available with teflon disc / synthetic washer.

**DIMENSIONS IN MM**

INCH.	MM	L2	C	A	B?	D? nt>	T	H	W?
1/4"	8	-	26	1/4" BSP	-	-	-	60	42
3/8"	10	-	26	3/8" BSP	-	-	-	60	42
1/2"	15	53	29	1/2" BSP	15	95.3	6.4	80	50
3/4"	20	65	35	3/4" BSP	19	101.6	6.4	88	60
1"	25	83	40	1" BSP	25	114.3	8	96	65
1-1/4"	32	83	48	1-1/4" BSP	32	120.7	8	112	75
1-1/2"	40	83	55	1-1/2" BSP	38	133.4	9.6	118	88
2"	50	105	65	2" BSP	50	152.4	9.6	138	92
2-1/2"	65	138		2-1/2" BSP	65	165.1	11.1	170	120
3"	80	175		3" BSP	80	184.2	12.7	200	125
4"	100	207		4" BSP	100	215.9	15.9	225	160



We have no sister concern  
anywhere in India

# **BOSS**

VALVES, COCKS & BOILER MOUNTINGS

**BOSS**

# **BOSS**

**VALVES**  
.... has to be No.1



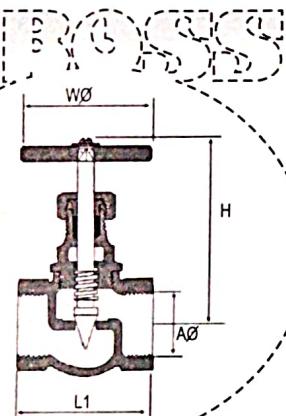
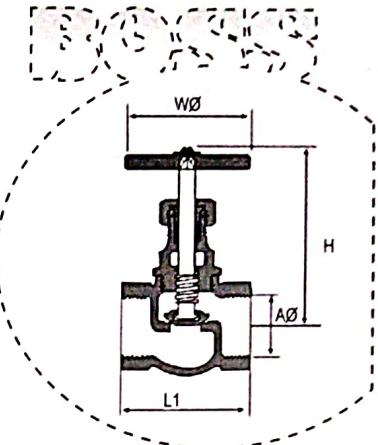
## Gun Metal/Bronze WHEEL VALVE



An ISO 9001-2000 Company

**DESCRIPTION**

**BOSS BRONZE WHEEL VALVE**  
No. 4 Screwed Female Ends

**DESCRIPTION**

**BOSS BRONZE NEEDLE VALVE**  
No. 4 Screwed Female Ends

**MATERIALS**

Name of Parts	Materials	Specifications
BODY, BONNET, DISC, GLAND, CHECK NUT	BRONZE/G.M	IS : 318 LTB2
SPINDLE	FORGED BRASS	IS : 6912 FLB
HAND WHEEL	CAST IRON	IS : 210 FG 200

**TESTED & SUITABILITY**

BODY TEST PRESSURE : 300 Psig Hyd.

SEAT TEST PRESSURE : 300 Psig Hyd.

SUITABLE : Water &amp; Oil.

Spl. Note : Above valves also available with  
teflon disc / synthetic washer.**DIMENSIONS IN MM**

INCH.	MM	L1	A	H	W?
1/4"	8	42	1/4" BSP	60	42
3/8"	10	42	3/8" BSP	60	42
1/2"	15	54	1/2" BSP	80	50
3/4"	20	55	3/4" BSP	88	60
1"	25	62	1" BSP	96	65
1-1/4"	32	76	1-1/4" BSP	112	75
1-1/2"	40	88	1-1/2" BSP	118	88
2"	50	100	2" BSP	138	92
2-1/2"	65	135	2-1/2" BSP	170	120
3"	80	153	3" BSP	200	125
4"	100	190	4" BSP	225	160

We have no sister concern  
anywhere in India

# **BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS**

# **BOSS**

**VALVES**  
.... has to be No.1

**Bronze**Sleeve Packed  
Water Level Gauge

  
**CERTIFIED**
**DESCRIPTION****BOSS BRONZE SLEEVE PACKED****WATER LEVEL GAUGE**

Flanged Ends to BS-10 Table 'H' with  
Automatic shut off device in the  
water arm.

**TEST & SUITABILITY**

Body Test Pressure : 500 Psig Hyd.

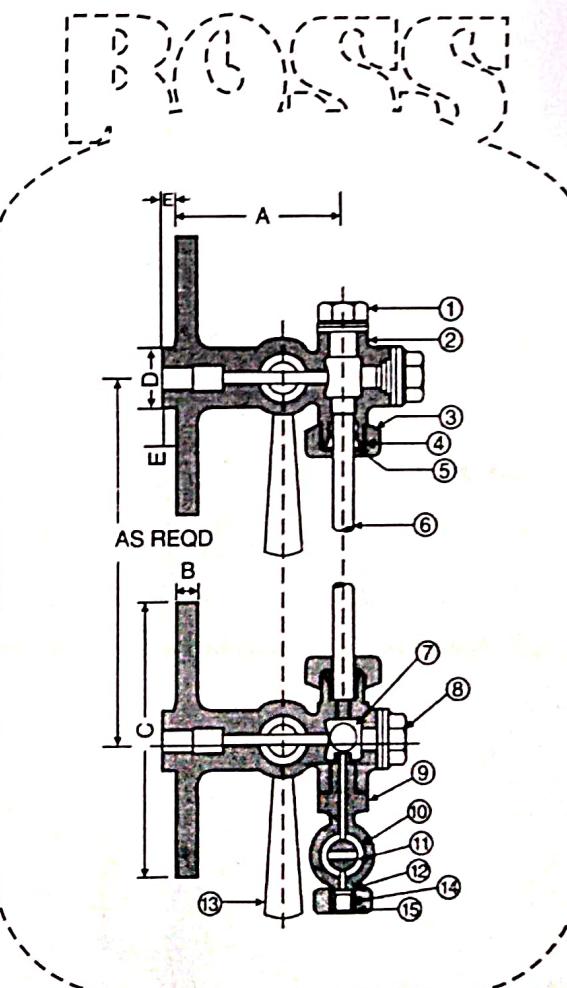
SUITABLE : Steam &amp; Water.

**MATERIALS**

P. No.	Name of Parts	Materials	SPECIFICATION
1	Top Gauge Plug	Bronze	IBR 282(a)(IV) Gr. B
2	Top Gauge Arm	Bronze	IBR 282(a)(IV) Gr. B
3	Gland Nut	Bronze	IBR 282(a)(IV) Gr. B
4	Rubber Cone	Rubber	
5	Washer	Bronze	IBR 282(a)(IV) Gr. B
6	Glass Tube	Glass	
7	Ball	S.S.	AISI 304
8	Bottom Gauge Arm Plug	Bronze	IBR 282(a)(IV) Gr. B
9	Bottom Gauge Arm	Bronze	IBR 282(a)(IV) Gr. B
10	Sleeve	Moulded Asbestos	
11	Spindle	S.S.	AISI 410/AISI 304
12	Drain Cock	Bronze	IBR 282(a)(IV) Gr. B
13	Handle	Bronze	IBR 282(a)(IV) Gr. B
14	Union Nut	Bronze	IBR 282(a)(IV) Gr. B
15	Nipple	Bronze	IBR 282(a)(IV) Gr. B
16	Bonnet (Not shown in Drg.)	Bronze	IBR 282(a)(IV) Gr. B
17	Bottom Nut (Not shown in Drg.)	Bronze	IBR 282(a)(IV) Gr. B
18	Plug Adjusting Nut (Not shown in Drg.)	M.S.	IS : 1367
19	Handle Washer (Not shown in Drg.)	Bronze	IBR 282(a)(IV) Gr. B

**DIMENSIONS IN MM**

SIZE	A	B	C	D	E
15mm (1/2")	96.0	12.7	114.3	19.0	3.0
20mm (3/4")	102.0	12.7	114.3	25.0	3.0

We have no sister concern  
anywhere in India**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS**

# **BOSS**

**VALVES**  
.... has to be No.1

**Bronze**Sleeve Packed  
Water Level Gauge**IBR**

CERTIFIED

**DESCRIPTION****BOSS BRONZE SLEEVE PACKED****WATER LEVEL GAUGE**

Male end with Automatic shut off device in the water arm.

**TEST & SUITABILITY**

Body Test Pressure : 500 Psig Hyd.

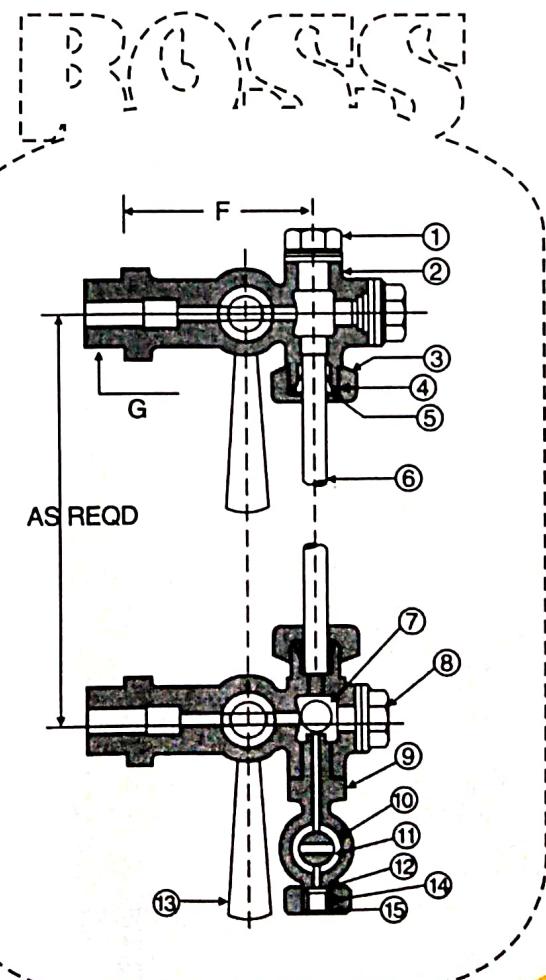
SUITABLE : Steam &amp; Water.

**MATERIALS**

P. No.	Name of Parts	Materials	SPECIFICATION
1	Top Gauge Plug	Bronze	IBR 282(a)(IV) Gr. B
2	Top Gauge Arm	Bronze	IBR 282(a)(IV) Gr. B
3	Gland Nut	Bronze	IBR 282(a)(IV) Gr. B
4	Rubber Cone	Rubber	
5	Washer	Bronze	IBR 282(a)(IV) Gr. B
6	Glass Tube	Glass	
7	Ball	S.S.	AISI 304
8	Bottom Gauge Arm Plug	Bronze	IBR 282(a)(IV) Gr. B
9	Bottom Gauge Arm	Bronze	IBR 282(a)(IV) Gr. B
10	Sleeve	Moulded Asbestos	
11	Spindle	S.S.	AISI 410/AISI 304
12	Drain Cock	Bronze	IBR 282(a)(IV) Gr. B
13	Handle	Bronze	IBR 282(a)(IV) Gr. B
14	Union Nut	Bronze	IBR 282(a)(IV) Gr. B
15	Nipple	Bronze	IBR 282(a)(IV) Gr. B
16	Bonnet (Not shown in Drg.)	Bronze	IBR 282(a)(IV) Gr. B
17	Bottom Nut (Not shown in Drg.)	Bronze	IBR 282(a)(IV) Gr. B
18	Plug Adjusting Nut (Not shown in Drg.)	M.S.	IS : 1367
19	Handle Washer (Not shown in Drg.)	Bronze	IBR 282(a)(IV) Gr. B

**DIMENSIONS IN MM**

SIZE	F	G
15mm (1/2")	89	1/2 BSPT
20mm (3/4")	102	3/4 BSPT



We have no sister concern  
anywhere in India

**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS****Bronze**

WATER LEVEL GAUGE

**DESCRIPTION**

**BOSS BRONZE GLAND PACKED  
WATER LEVEL GAUGE Flanged Ends  
to BS : 10 Table 'D'**

**TESTED & SUITABILITY**

BODY TEST PRESSURE : 300 Psig. Hyd.

SEAT TEST PRESSURE : 150 Psig. Hyd.

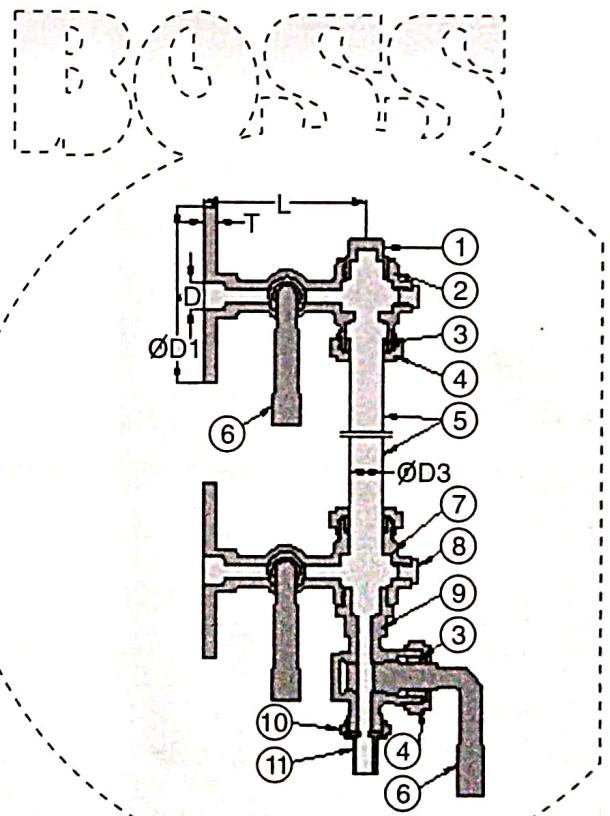
SUITABLE : Water &amp; Steam

**DIMENSIONS IN MM**

INCH.	MM	ØD	ØD1	ØD2	L
1/2"	15	12	95	12.7	75
3/4"	20	17	102	20.0	85

**MATERIALS**

P. No.	Name of Parts	Materials	Specifications
1	PLUG	BRONZE	IS : LTB2 -318
2	UPPER ARM BODY	BRONZE	IS : LTB2 -318
3	GLAND	BRONZE	IS : LTB2 -318
4	GLAND NUT	BRONZE	IS : LTB2 -318
5	GLASS TUBE	GLASS	-----
6	TAPER PLUG	BRONZE	IS : LTB2 -318
7	LOWER ARM BODY	BRONZE	IS : LTB2 -318
8	BOLT	M.S.	BS : 936
9	DRAIN VALVE	BRONZE	IS : LTB2 -318
10	UNION NUT	BRONZE	IS : LTB2 -318
11	NIPPLE	BRONZE	IS : LTB2 -318

We have no sister concern  
anywhere in India**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS**

# **BOSS**

**Bronze**

WATER LEVEL GAUGE

**DESCRIPTION**

**BOSS BRONZE GLAND PACKING**  
WATER LEVEL GAUGE Screwed Male Ends

**TESTED & SUITABILITY**

BODY TEST PRESSURE : 300 Psig. Hyd.

MAX. WORKING TEMP. : 225°C

SEAT TEST PRESSURE : 150 Psig. Hyd.

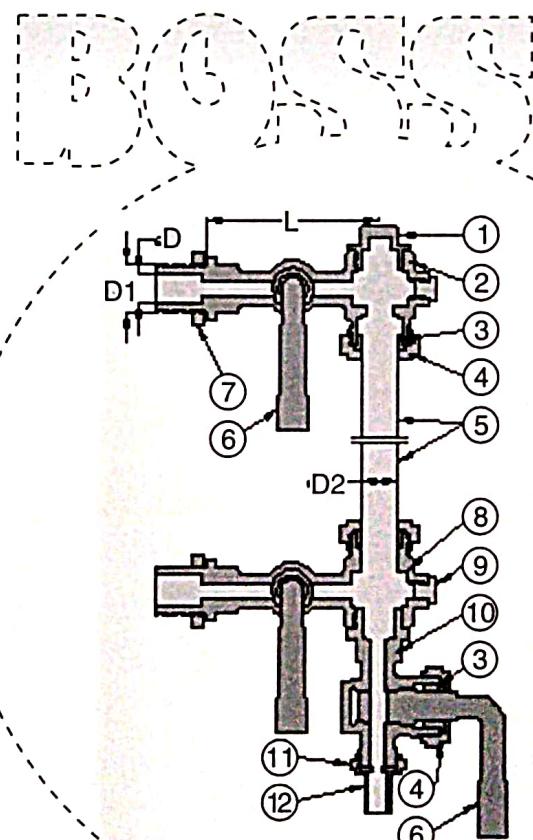
SUITABLE : Water &amp; Steam

**DIMENSIONS IN MM**

INCH.	MM	ØD	D1	ØD2	L
1/2"	15	12	1/2" BSP	12.7	70
3/4"	20	17	3/4" BSP	20.0	75

**MATERIALS**

P. No.	Name of Parts	Materials	Specifications
1	PLUG	BRONZE	LTB2 IS : 318 - 1981
2	UPPER ARM BODY	BRONZE	LTB2 IS : 318 - 1981
3	GLAND	BRONZE	LTB2 IS : 318 - 1981
4	GLAND NUT	BRONZE	LTB2 IS : 318 - 1981
5	GLASS TUBE	GLASS	-----
6	TAPER PLUG	BRONZE	LTB2 IS : 318 - 1981
7	CHECK NUT	BRONZE	LTB2 IS : 318 - 1981
8	LOWER ARM BODY	BRONZE	LTB2 IS : 318 - 1981
9	BOLT	M.S.	BS - 936
10	DRAIN VALVE	BRONZE	LTB2 IS : 318 - 1981
11	UNION NUT	BRONZE	LTB2 IS : 318 - 1981
12	NIPPLE	BRONZE	LTB2 IS : 318 - 1981

We have no sister concern  
anywhere in India

# **BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS****Bronze**

FUSIBLE PLUG

**IBR**

CERTIFIED

**DESCRIPTION**

**BOSS BRONZE FUSIBLE PLUG**  
**TWO PIECE DESIGN BSP TAPER THREAD.**

**TESTED & SUITABILITY**

Suitable upto 100 Psig and for higher pressure upto 250 Psig Screwed Male Ends BSP Taper Thread

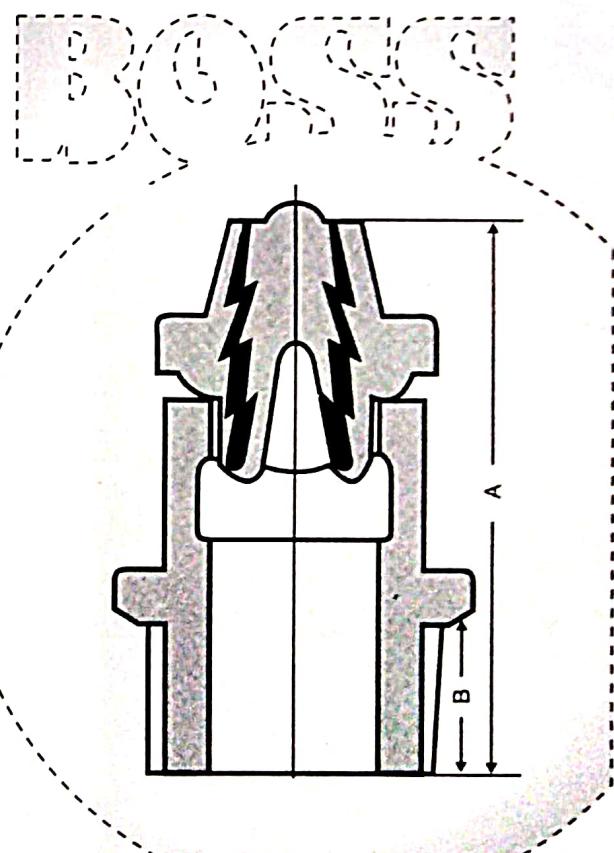
Body Test Pressure : 500 Psig Hyd.  
 Suitable For : Steam, Water & Oil.

**DIMENSIONS IN MM**

INCH.	MM	A	B
1/2"	15	53.0	15.0
3/4"	20	58.0	20.0
1"	25	70.0	20.0
1-1/4"	32	75.0	25.0
1-1/2"	40	82.0	30.0
2"	50	100.0	32.0

**MATERIAL**

S. No.	Name of part	Material	Specification
1	Body	Bronze	IBR 282(a) IV Gr. B



We have no sister concern  
 anywhere in India

**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS****Bronze**

FUSIBLE PLUG

**IBR**

CERTIFIED

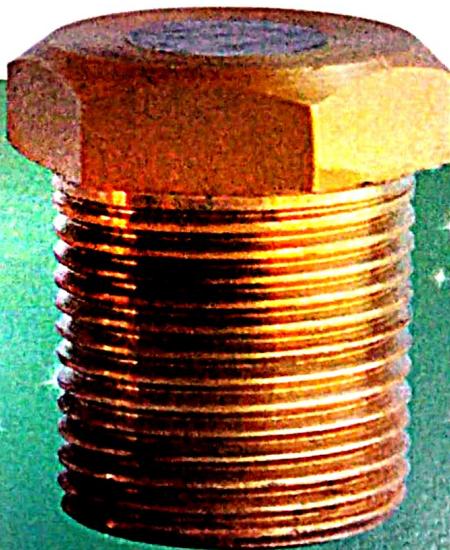
**DESCRIPTION**

**BOSS** BRONZE FUSIBLE PLUG  
ONE PIECE DESIGN BSP TAPER THREAD

**TESTED & SUITABILITY**

Suitable upto 100 Psig and for higher pressure upto 250 Psig Screwed Male Ends BSP Taper Thread

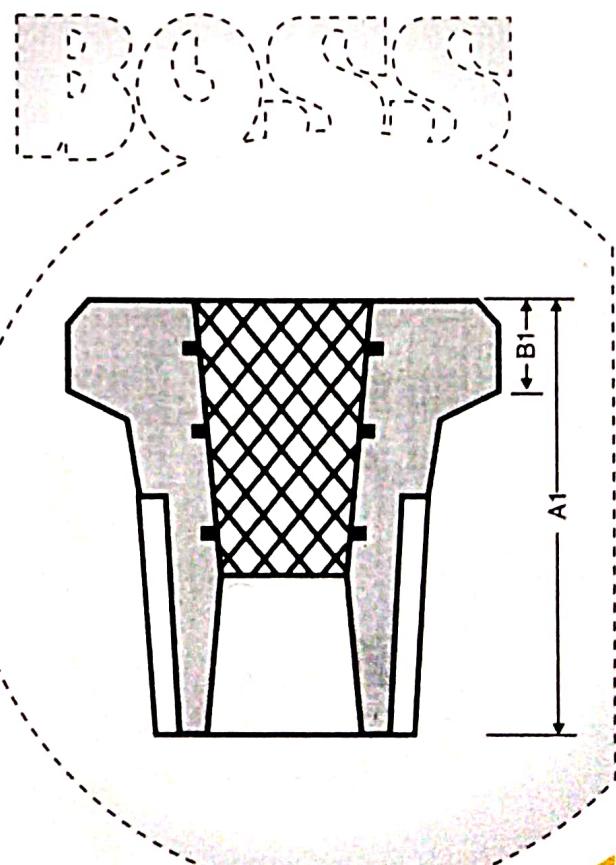
Body Test Pressure : 300 Psig Hyd.  
Suitable For : Steam, Water & Oil.

**DIMENSIONS IN MM**

INCH.	MM	A1	B1
1/2"	15	32	8.0
3/4"	20	38	8.0
1"	25	45	9.5

**MATERIAL**

S. No.	Name of part	Material	Specification
1	Body	Bronze	IBR 282(a) IV Gr. B



We have no sister concern  
anywhere in India

**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS**

VALVES

.... has to be No.1

**Bronze**

THERMODYNAMIC STEAM TRAP

**DESCRIPTION**

**BOSS THERMODYNAMIC STEAM TRAP**  
with S.S. (304) Strainer & S.S. working parts

**TESTED & SUITABILITY**

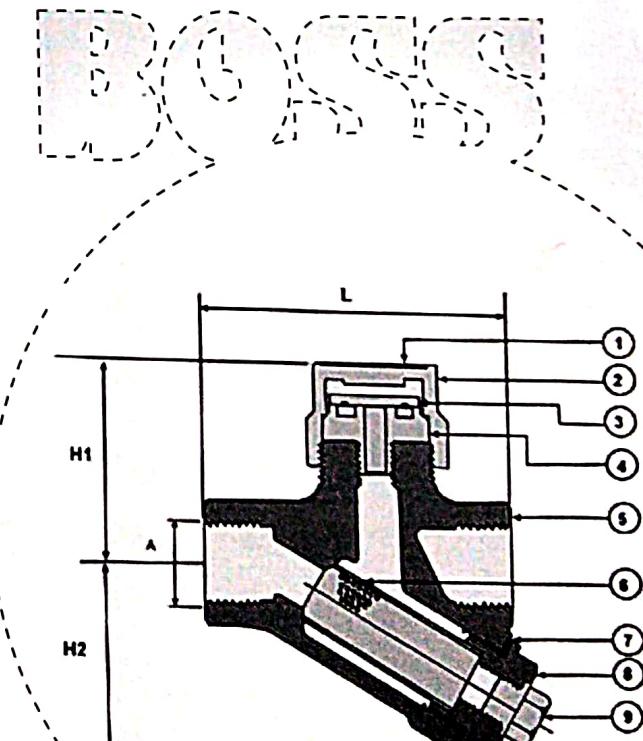
BODY TEST PRESSURE : 450 PSIG HYD.  
STEAM TEST PRESSURE : 150 PSIG ON STEAM  
SUITABLE FOR : STEAM

**DIMENSIONS IN MM**

INCH.	MM	A	L	H1	H2
1/2"	15	1/2" BSP	90	57	51
3/4"	20	3/4" BSP	98	58	65
1"	25	1" BSP	117.5	62	73

**MATERIALS**

P. No.	Name of Parts	Materials	Specifications
1	NAME PLATE	ALUMINUM	ALUMINUM IS:2676
2	COVER	STAINLESS STEEL	STAINLESS STEEL AISI-410
3	DISC	STAINLESS STEEL	AISI : 410
4	BODY SEAT RING	STAINLESS STEEL	AISI : 410
5	BODY	BRONZE	BS : 1400 LG2
6	STRAINER	STAINLESS STEEL	AISI : 304
7	GASKET	CAF	IS : 2712 G.R.C
8	COVER	BRONZE	BS : 1400 LG2
9	PLUG	BRONZE	BS : 1400 LG2



We have no sister concern  
anywhere in India

**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS**

# **BOSS**

VALVES

*.... has to be No 1***Bronze**SPRING RELIEF VALVE  
(SAFETY VALVE)**DESCRIPTION****BOSS BRONZE RELIEF VALVES****TESTED & SUITABILITY**

BODY TEST PRESSURE : 300 PSIG

SET TEST PRESSURE : 150 PSIG (10 kg)

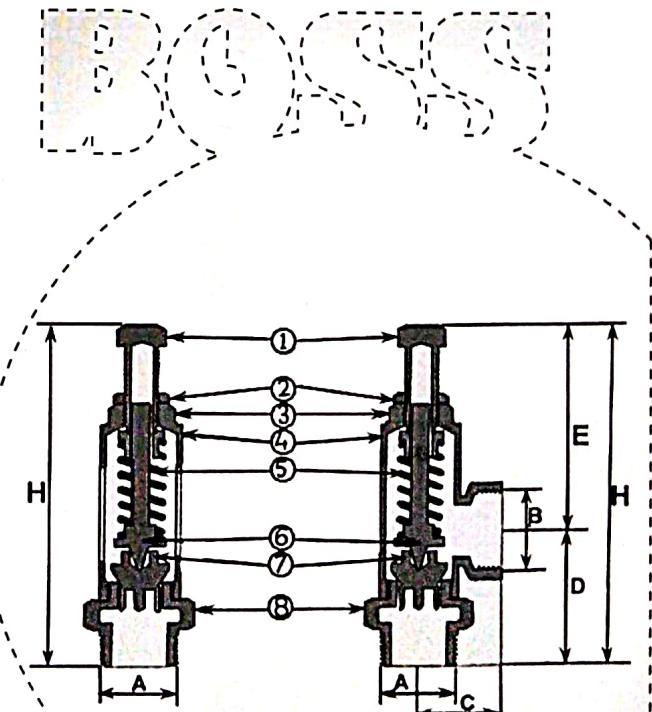
SUITABLE FOR : GAS, OIL, AIR AND STEAM

STRAIGHT TYPE OPEN  
DISCHARGEANGLE TYPE  
DISCHARGE**DIMENSIONS IN MM**

INCH.	MM	A	B	C	D	E	H
1/2"	15	1/2" BSP	1/2" BSP	45	63	80	143
3/4"	20	3/4" BSP	3/4" BSP	48	62	94	156
1"	25	1" BSP	1" BSP	52	76	102	178
1-1/4"	32	1-1/4" BSP	1-1/4" BSP	54	78	107	185
1-1/2"	40	1-1/2" BSP	1-1/2" BSP	57	80	134	214
2"	50	2" BSP	2" BSP	62	96	142	238

**MATERIALS**

P. No.	Name of Parts	Materials	Specifications
1	FERRULE	BRONZE	BRONZE IS:318 LTB2
2	CHECK NUT	BRONZE	IS:318 LTB2
3	CHAMBER	BRONZE	IS:318 LTB2
4	UPPER SPRING DISC	BRONZE	IS:318 LTB2
5	SPRING	CARBON STEEL	
6	STEM	BRONZE	FORGED IS:6912 LTB2
7	DISC	BRONZE	IS:318 LTB2
8	BODY	BRONZE	IS:318 LTB2

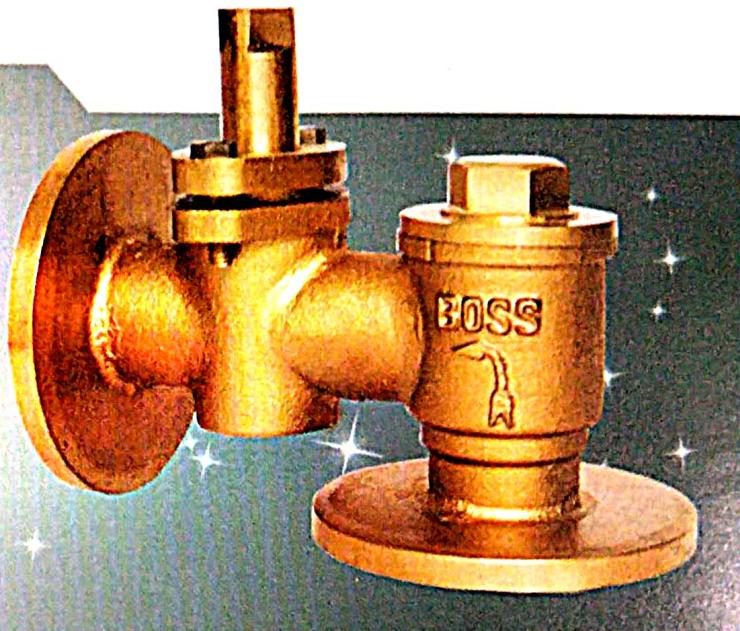
We have no sister concern  
anywhere in India**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS****Bronze**Combined Cock &  
Feed Check Valve

  
**CERTIFIED**
**DESCRIPTION****BOSS BRONZE COMBINED COCK & FEED CHECK VALVE**

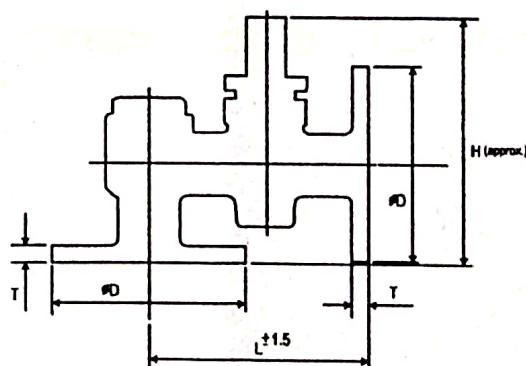
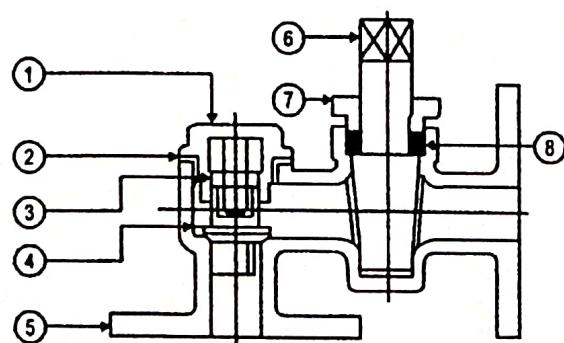
Flanged ends as per Bs10 Table - H

**TESTED & SUITABILITY****SUITABLE FOR MAX. BOP : 150 Psig****Max. Service Temperature : 225°C****BODY & SEAT TEST PRESSURE : 300 Psig Hyd.****SUITABLE :** Water & Steam.**DIMENSIONS IN MM**

INCH.	MM	LENGTH	H	D	T
1/2"	15	105	90	95.3	8
3/4"	20	113	100	101.6	8
1"	25	140	135	120.7	9.5
1-1/4"	32	155	160	133.4	9.5
1-1/2"	40	168	190	138.7	11.1
2	50	200	140	165.1	11.1

**MATERIALS**

P. No.	Name of Parts	Materials	SPECIFICATION
1	Cover	Bronze	IBR 282 (a) (iv) Gr. B
2	Gasket	C.A.F	IS 2712
3	Spring	Carbon Steel	IBR 307
4	Disc	Bronze	IBR 282 (a) (iv) Gr. B
5	Body	Bronze	IBR 282 (a) (iv) Gr. B
6	Plug	Brass	IBR 282 (a) (iv) Gr. B
7	Gland	Bronze	IBR 282 (a) (iv) Gr. B
8	Packing	Graphited Asbestos	
9	Studs & Nuts	M.S.	

We have no sister concern  
anywhere in India**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS**

**Bronze**  
INSPECTOR'S TEST  
GAUGE COCK

**IBR**

CERTIFIED

**DESCRIPTION****BOSS BRONZE INSPECTOR TEST GAUGE COCK**

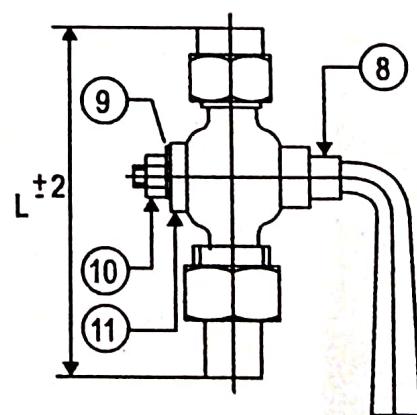
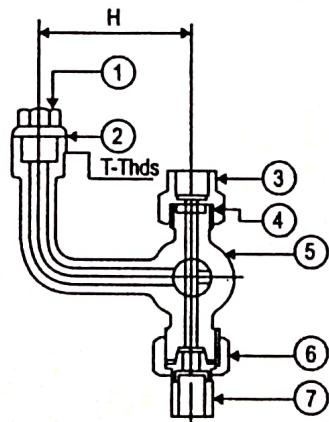
With Bend Threaded M20 x 1.5 connection for  
inspectors gauge.

**TESTED & SUITABILITY****MAX. STEAM WORKING PRESSURE : 250 Psig****Max. Service Temperature : 225°C****BODY & SEAT TEST PRESSURE : 500 Psig Hyd.****SUITABLE : Water & Steam.****DIMENSIONS IN MM**

INCH.	MM	LENGTH	H	D
3/8"	10	140	82	M20 x 1.5
1/2"	15	140	82	M20 x 1.5

**MATERIALS**

P. No.	Name of Parts	Materials	SPECIFICATION
1	Plug	Bronze	IBR 282 (a) (iv) Gr. B
2	Gasket	C.A.F	IS 2712
3	Nut	Bronze	IBR 282 (a) (iv) Gr. B
4	Washer	Lead	
5	Body	Bronze	IBR 282 (a) (iv) Gr. B
6	Union Nut	Bronze	IBR 282 (a) (iv) Gr. B
7	Tail Pipe	Bronze	IBR 282 (a) (iv) Gr. B
8	Plug	Bronze	IBR 282 (a) (iv) Gr. B
9	Spring Washer	Spring Steel	
10	Nut	Brass	
11	Washer	Bronze	IBR 282 (a) (iv) Gr. B



We have no sister concern  
anywhere in India

**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS****Bronze  
FOOT VALVE****DESCRIPTION**

**BOSS BRONZE FOOT VALVE**  
 with Female BSP Threads &  
 Synthetic Flat Rings.

**TESTED & SUITABILITY**

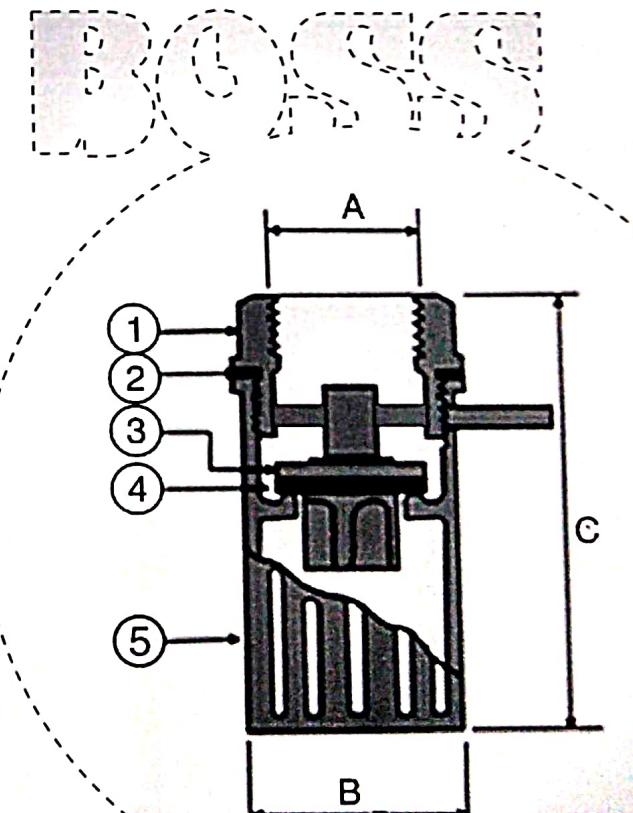
TEST PRESSURE : 300 Psig.  
 SUITABLE : Water.

**DIMENSIONS IN MM**

INCH.	MM	A	B	H
1/2"	15	1/2" BSP	30	63
3/4"	20	3/4" BSP	35	69
1"	25	1" BSP	44	76.5
1-1/4"	32	1-1/4" BSP	53	85
1-1/2"	40	1-1/2" BSP	61.5	86
2"	50	2" BSP	69.2	101
2-1/2"	65	2-1/2" BSP	88	114
3"	80	3" BSP	105	122
4"	100	4" BSP	120	149

**MATERIALS**

S.No	Name of Parts	Name of Parts	Specification
1	BONNET	BRONZE	IS : 318 LTB2
2	GASKET	CAF	IS : 2712 GR C
3	DISC	BRONZE	IS : 318 LTB 2
4	RESILIENT WASHER	SYNTHETIC RUBBER	IS : 5192 GR 6
5	BODY	BRONZE	IS : 318 LTB 2



We have no sister concern  
 anywhere in India

**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS**

# **BOSS**

**VALVES**

*.... has to be No 1***Bronze**VERTICAL LIFT  
CHECK VALVE**DESCRIPTION****BOSS BRONZE CHECK VALVE**

Standard Pattern, Two Pc. Design  
Screwed Ends B.S.P Parallel Thread

**DESCRIPTION****BOSS BRONZE VERTICAL LIFT CHECK VALVE**

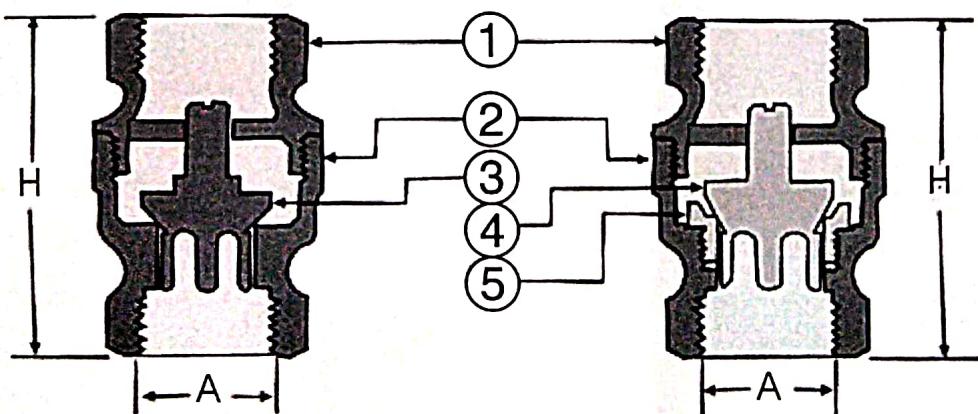
renewable hardend stainless steel  
(AISI-410) Monal Seats,  
Screwed Female ends to BSP Taper.

**TEST & SUITABILITY****MAX. Hyd. Test Pressure :**21.1 Kg/cm<sup>2</sup> (300psig.)**SUITABLE :** Water & Oil.**TEST & SUITABILITY****MAX. 250 Psig on Steam at 428°F Team****HYD. TESTED : 500 Psig.****SUITABLE :** Water, Steam & Oil.**DIMENSIONS IN MM**

INCH.	MM	A	H
1/2"	15	1/2" BSP	64
3/4"	20	3/4" BSP	72
1"	25	1" BSP	90
1-1/4"	32	1-1/4" BSP	88
1-1/2"	40	1-1/2" BSP	110
2"	50	2" BSP	111

**MATERIALS**

P. No.	Name of Parts	Materials	SPECIFICATION
1	BONNET	BRONZE	IS : 318 LTB 2
2	BODY	BRONZE	IS : 318 LTB 2
3	DISC	METAL TO METAL BRONZE	IS : 318 LTB 2
4	DISC	STAINLESS STEEL	AISI - 410
5	BODY SEAT RING	STAINLESS STEEL	AISI - 410



We have no sister concern  
anywhere in India

**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS**

VALVES

.... has to be No.1

# Gun Metal

## GATE VALVE

**DESCRIPTION****BOSS GUN METAL GATE VALVE (HEAVY)**

Regular Type with Rising Stem

Screwed Female Ends PN-20

**TESTED & SUITABILITY**

BODY TEST PRESSURE : 500 LBS.

SEAT TEST PRESSURE : 300 LBS.

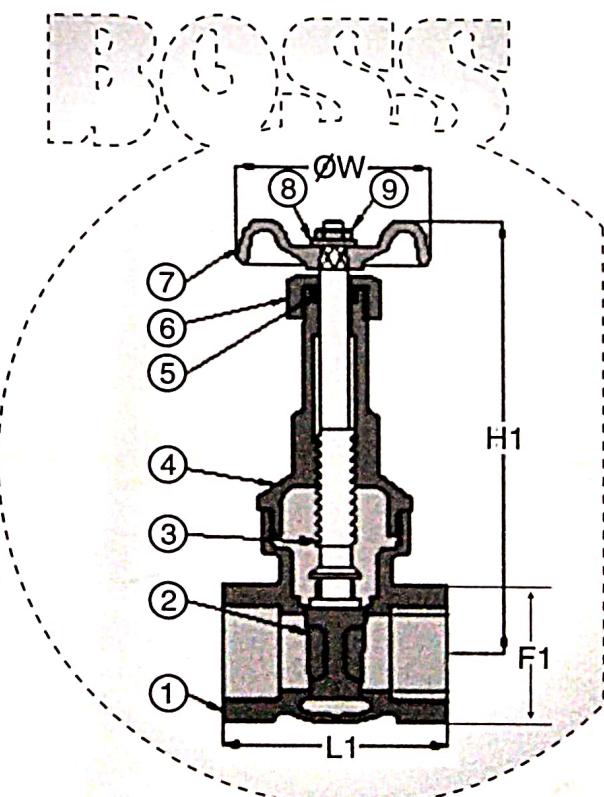
SUITABLE FOR: Water &amp; Oil

**DIMENSIONS IN MM**

MM	L1	F1	H1	W1
15	50	28	110	54
20	50	35	123	58
25	53	42	145	62
32	60	52	152	65
40	75	59	169	76
50	80	71	178	84
65	88	87	210	92
80	100	102	225	143
100	124	129	260	158

**MATERIALS**

Name of Parts	Materials	Specifications
BODY, BONNET, WEDGE	GUN METAL	IS : 318 LTB2
GLAND NUT, GLAND		
STEM	BRASS	IS : 6912-1985 FLB
WHEEL	CAST IRON	IS : 210 FG 200
GLAND PACKING	ASBESTOS	IS : 4687-1980

We have no sister concern  
anywhere in India**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS**

VALVES

.... has to be No.1

**Gun Metal**  
GATE VALVE**DESCRIPTION****BOSS GUN METAL GATE VALVE (STANDARD)**

Regular Type with Non-Rising Stem  
Screwed Female Ends PN-16

**TESTED & SUITABILITY**

BODY TEST PRESSURE : 300 LBS.

SEAT TEST PRESSURE : 200 LBS

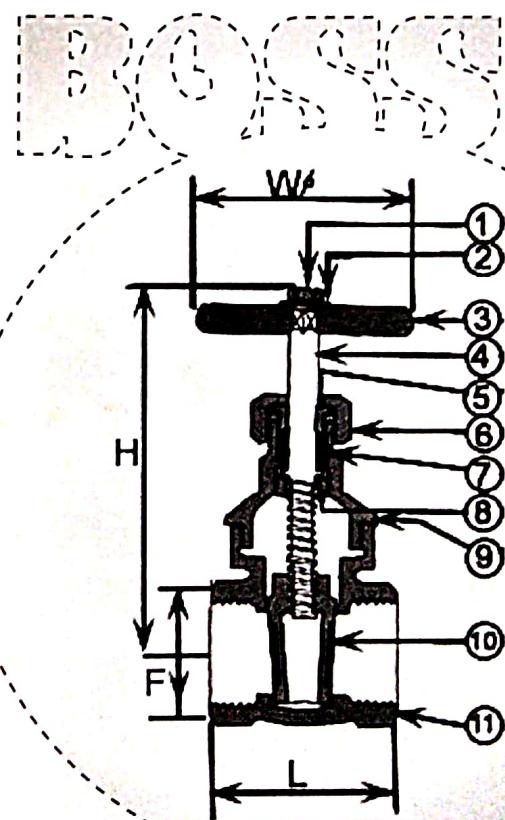
SUITABLE FOR: Water &amp; Oil

**DIMENSIONS IN MM**

MM	L	F	H	W
15	50	28	110	54
20	50	35	123	58
25	53	42	145	62
32	60	52	152	65
40	75	59	169	76
50	80	71	178	84
65	88	87	210	92
80	100	102	225	143
100	124	129	260	158

**MATERIALS**

Name of Parts	Materials	Specifications
BODY, BONNET, WEDGE	GUN METAL	IS : 318 LTB2
GLAND NUT, CHECK NUT		
STEM	BRASS	IS : 6912-1985 FLB
WHEEL	CAST IRON	IS : 210 FG 200
GLAND PACKING	ASBESTOS	IS : 4687-1980



We have no sister concern  
anywhere in India

**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS****Bronze**EXTRA HEAVY GLOBE  
STEAM STOP VALVE  
FLANGED ENDSIBR  
CERTIFIED**DESCRIPTION**

**BOSS BRONZE EXTRA HEAVY GLOBE STEAM STOP VALVE SCREWED FEMALE ENDS**  
 BSPT taper screwed bonnet inside,  
 rising stem

**TESTED & SUITABILITY**

Body Test Pressure : 500 Psig Hyd.

Steam Test Pressure : 250 Psig

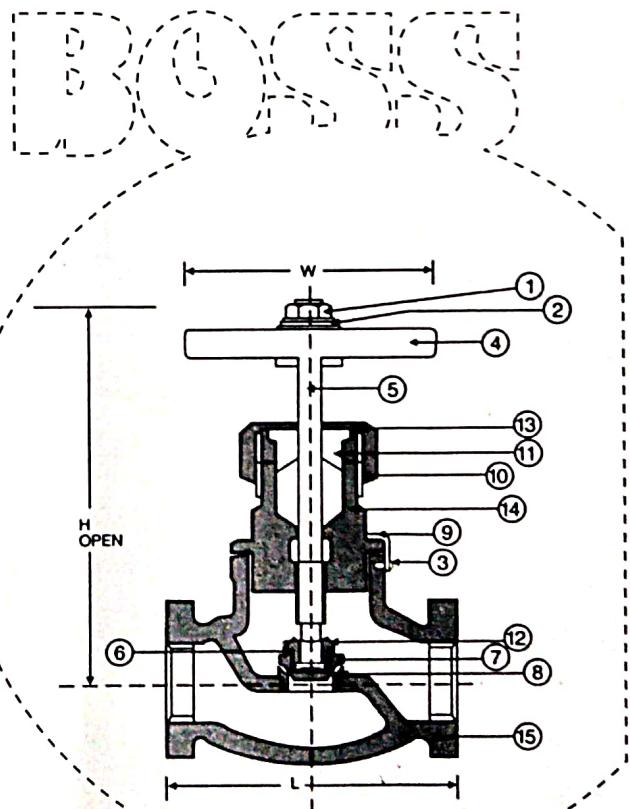
Suitable For : Water, Oil, Gas &amp; Air.

**DIMENSIONS IN MM**

NOMINAL SIZE	END TO END OR FACE TO FACE DISTANCE	CENTRE TO TOP OPEN (Approx.)	HANDWHEEL DIAMETER	
			FLANGED L	H
15mm (1/2")	106.0	133.0	80.0	
20mm (3/4")	112.0	136.0	87.0	
25mm (1")	124.0	140.0	100.0	
32mm (1.1/4")	137.5	168.0	112.0	
40mm (1.1/2")	149.5	170.0	120.0	
50mm (2")	177.5	212.0	155.0	

**MATERIALS**

PART No.	NAME OF PART	MATERIAL	SPECIFICATION
1	Nut of handwheel	M.S.	IS : 1367
2	Washer	M.S.	IS : 226
3	Screw	Brass	-----
4	Hand Wheel	Cast Iron	IS : 210 Gr. FG 200
5	Stem	S.S.	AISI 410
6	Disc	S.S.	AISI 410
7	Body Seat Ring	S.S.	AISI 410
8	Locking Device	Brass Sheet	-----
9	Packing	Graphited Asbestos	-----
10	Gland	Bronze	IBR 282 (a) IV Gr. B
11	Check Nut	Bronze	IBR 282 (a) IV Gr. B
12	Gland Nut	Bronze	IBR 282 (a) IV Gr. B
13	Bonnet	Bronze	IBR 282 (a) IV Gr. B
14	Body	Bronze	IBR 282 (a) IV Gr. B

**BOSS**We have no sister concern  
anywhere in India

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS****Bronze****IBR**

CERTIFIED

EXTRA HEAVY GLOBE  
STEAM STOP VALVE  
SCREWED FEMALE ENDS**DESCRIPTION**

**BOSS BRONZE EXTRA HEAVY GLOBE STEAM STOP VALVE FLANGED ENDS**  
BS-10 Table 'H'

**TESTED & SUITABILITY**

Body Test Pressure : 500 Psig Hyd.

Steam Test Pressure : 250 Psig

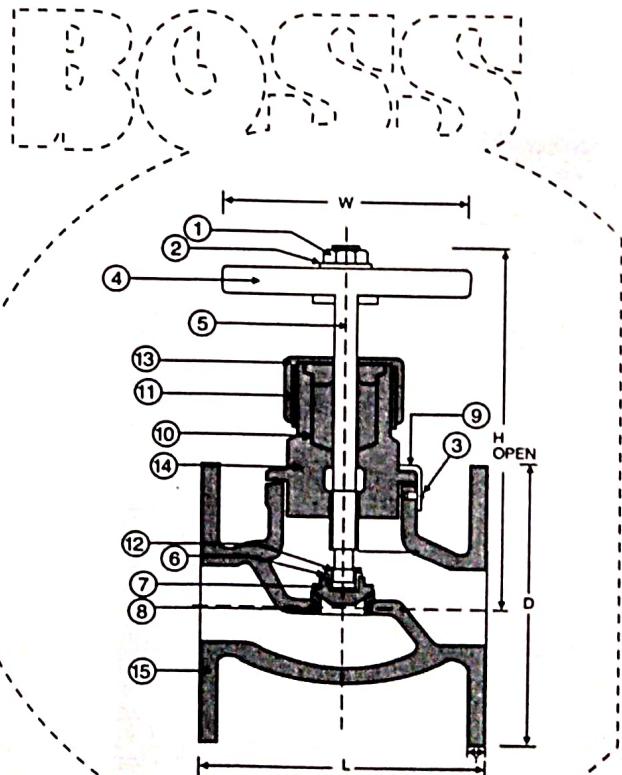
Suitable For : Water, Oil, Gas &amp; Air.

**DIMENSIONS IN MM**

NOMINAL SIZE	END TO END OR FACE TO FACE DISTANCE	CENTRE TO TOP OPEN (Approx.)			HANDWHEEL DIAMETER
		SCREWED L	D	T	
15mm (1/2")	83.0	114.3	9.5	133.0	80.0
20mm (3/4")	95.0	114.3	9.5	136.0	87.0
25mm (1")	111.0	120.6	11.1	140.0	100.0
32mm (1 1/4")	133.5	133.35	11.1	168.0	112.0
40mm (1 1/2")	148.0	139.7	12.7	170.0	120.0
50mm (2")	178.0	165.1	12.7	212.0	155.0

**MATERIALS**

PART No.	NAME OF PART	MATERIAL	SPECIFICATION
1	Nut of handwheel	M.S.	IS : 1367
2	Washer	M.S.	IS : 226
3	Screw	Brass	-----
4	Hand Wheel	Cast Iron	IS : 210 Gr. FG 200
5	Stem	S.S.	AISI 410
6	Locking Washer	S.S.	AISI 304
7	Disc	S.S.	AISI 410
8	Body Seat Ring	S.S.	AISI 410
9	Locking Device	Brass Sheet	-----
10	Packing	Graphited Asbestos	-----
11	Gland	Bronze	IBR 282 (a) IV Gr. B
12	Check Nut	Bronze	IBR 282 (a) IV Gr. B
13	Gland Nut	Bronze	IBR 282 (a) IV Gr. B
14	Bonnet	Bronze	IBR 282 (a) IV Gr. B
15	Body	Bronze	IBR 282 (a) IV Gr. B

We have no sister concern  
anywhere in India**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS****Bronze**

'Y' TYPE STRAINER

IBR  
CERTIFIED**DESCRIPTION****BOSS BRONZE EXTRA HEAVY  
'Y' TYPE STRAINER**

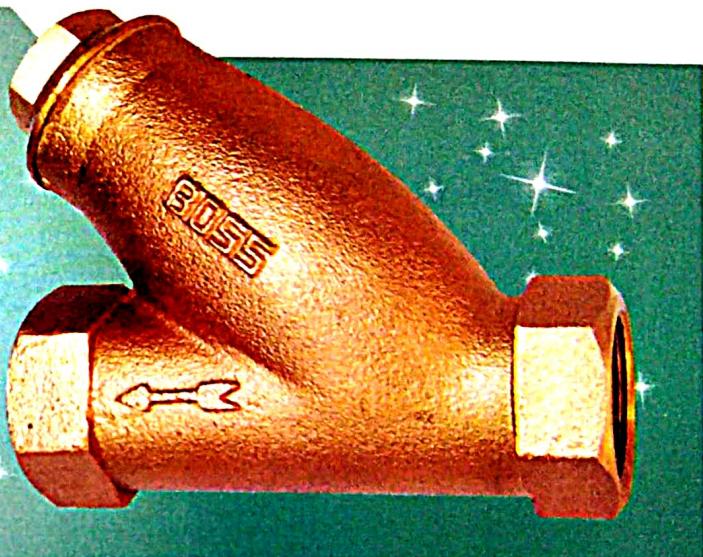
With S.S. 304 Screen Special Gasket  
between body & bonnet female ends  
to BSP taper threads

**TESTED & SUITABILITY**

Body Test Pressure : 500 Psig Hyd.

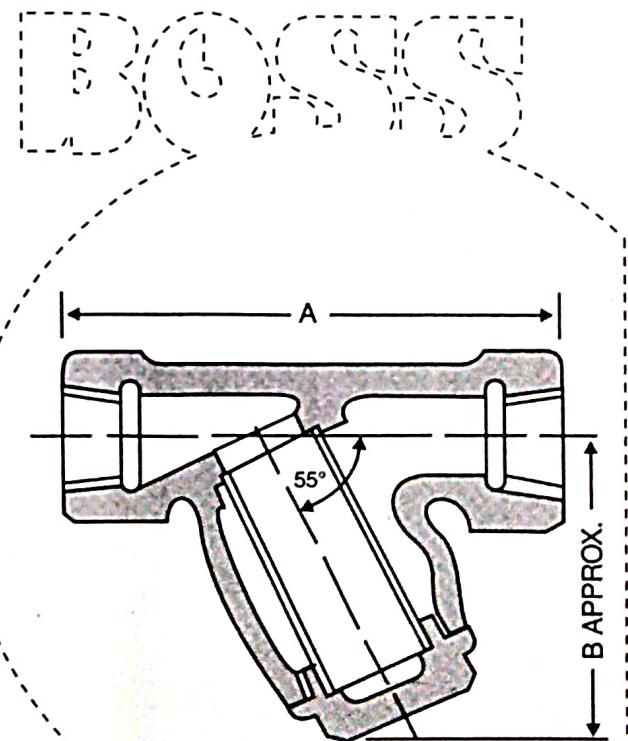
Steam Test Pressure : 250 Psig

Suitable For : Steam, Water &amp; Oil

**DIMENSIONS IN MM**

INCH.	MM	A	B
1/2"	15	70.0	55.0
3/4"	20	98.0	68.0
1"	25	127.0	87.0
1-1/4"	32	156.0	110.0
1-1/2"	40	178.0	136.0
2"	50	222.0	156.0

Note : Valves of 65mm to 100mm will have bolted cover.

We have no sister concern  
anywhere in India**BOSS**

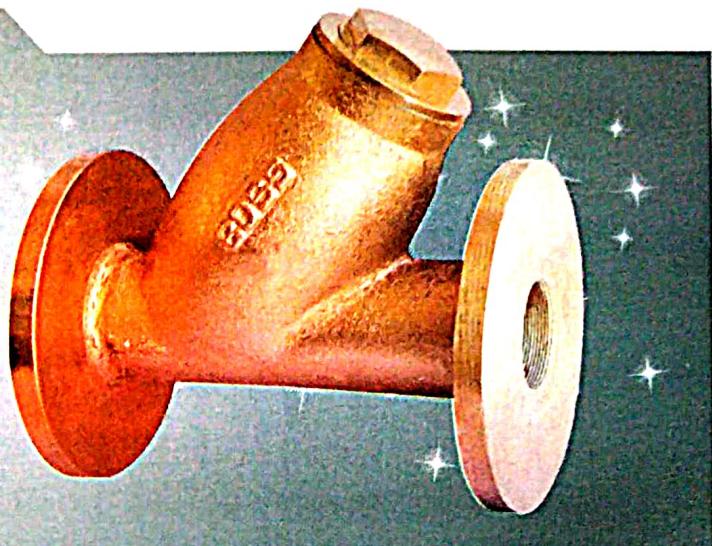
VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS****Bronze**

'Y' TYPE STRAINER

**IBR**  
CERTIFIED**DESCRIPTION**

**BOSS BRONZE EXTRA HEAVY**  
**'Y' TYPE STRAINER FLANGED ENDS**  
 BS-10 Table 'H' with S.S 304 Screen  
 special gasket between body & bonnet

**TESTED & SUITABILITY**

Body Test Pressure : 500 Psig Hyd.

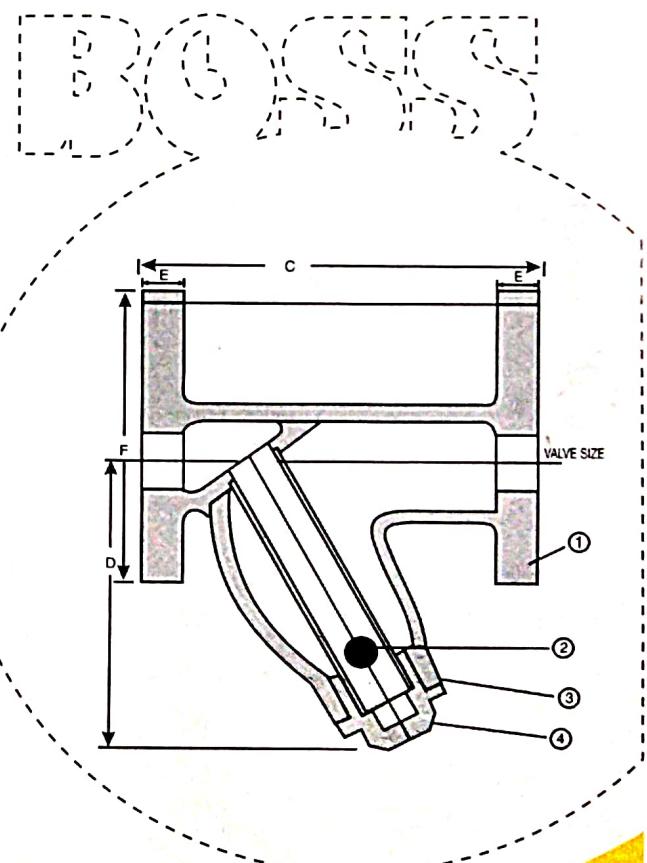
Steam Test Pressure : 250 Psig

Suitable For : Steam, Water &amp; Oil

**DIMENSIONS IN MM**

INCH.	MM	C	D	E	F
1/2"	15	130.0	60.0	9.5	114.3
3/4"	20	133.0	70.0	9.5	114.3
1"	25	155.0	90.0	11.1	120.7
1-1/4"	32	184.0	115.0	11.1	133.4
1-1/2"	40	190.4	140.0	12.7	139.7
2"	50	222.0	156.0	12.7	165.1
2-1/2"	65	241.0	229.0	14.3	184.2
3"	80	263.5	257.0	15.9	203.2
4"	100	371.5	270.0	19.1	226.6

Note : Valves of 65mm to 100mm will have bolted cover.

We have no sister concern  
anywhere in India**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS**

VALVES

.... has to be No.1

Cast Iron

HORIZONTAL  
LIFT CHECK VALVE

IBR

CERTIFIED

**DESCRIPTION**

**BOSS CAST IRON HORIZONTAL LIFT CHECK VALVE FLANGED ENDS**  
 (Non-return) bolted cover with 13%cr.  
 SS hardend (AISI 410) Seat as per  
 DIN 2533 NP 16-RF (PN-16)  
 Max. Temp. 428°F (225°C)

**TEST & SUITABILITY**

Body Test Pressure : 370 Psig Hyd.  
 (26kgf/Cm<sup>2</sup>g Hyd.)

Steam Test Pressure : 185 Psig.

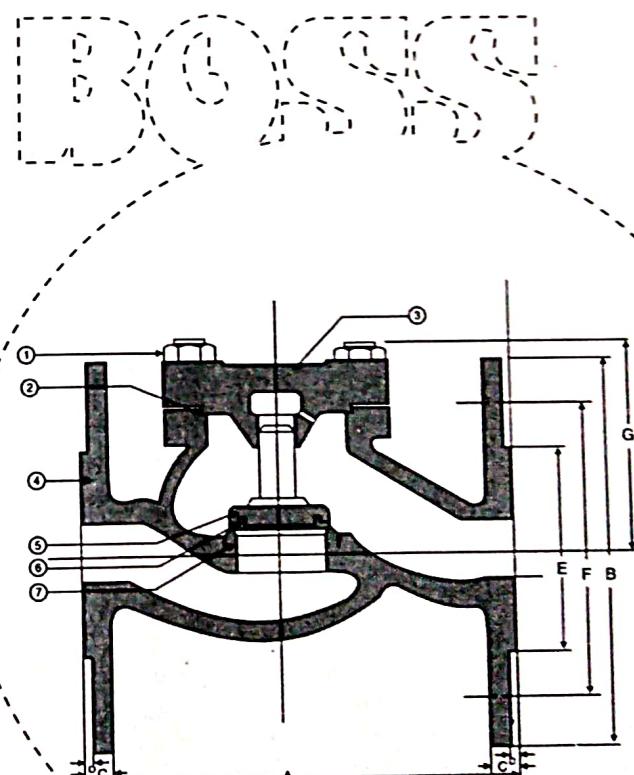
SUITABLE : Steam &amp; Water.

**MATERIALS**

P. No.	Name of Parts	Materials	SPECIFICATION
1	Studs and Nuts	M.S.	*****
2	Gasket	C.A.F.	IS : 2712
3	Cover	Cast Iron	IBR 86-93-Gr. A
4	Body	Cast Iron	-do-
5	Disc	Cast Iron	-do-
6	Disc Ring	S.S.	AISI 410/304
7	Body seat ring	S.S.	AISI 410/304

**DIMENSIONS IN MM**

SIZE	A	B	C	D	E	F	G
15mm (1/2")	130.0	95.0	14.0	2.0	45.0	65.0 4x14	55.0
20mm (3/4")	150.0	105.0	16.0	2.0	58.0	75.0 4x14	63.0
25mm (1")	160.0	115.0	16.0	2.0	68.0	85.0 4x14	63.0
32mm (1.1/4")	180.0	140.0	18.0	2.0	78.0	100 4x18	76.0
40mm (1.1/2")	200.0	150.0	18.0	3.0	88.0	110 4x18	82.0
50mm (2")	230.0	165.0	20.0	3.0	102.0	125 4x18	90.0
65mm (2.1/2")	290.0	185.0	20.0	3.0	122.0	145 4x18	125.0
80mm (3")	310.0	200.0	22.0	3.0	138.0	160 8x18	135.0
100mm (4")	350.0	220.0	24.0	3.0	158.0	180 8x18	145.0
125mm (5")	400.0	250.0	26.0	3.0	188.0	125.0 210x8x18	165.0
150mm (6")	480.0	285.0	26.0	3.0	212.0	240.0 8x22	185.0



We have no sister concern  
anywhere in India

**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS**

# **BOSS**

**VALVES**

*.... has to be No.1***Cast Iron**HORIZONTAL  
LIFT CHECK VALVE
**IBR**  
CERTIFIED
**DESCRIPTION****BOSS CAST IRON CHECK VALVE  
(RIGHT ANGLE PATTERN)**

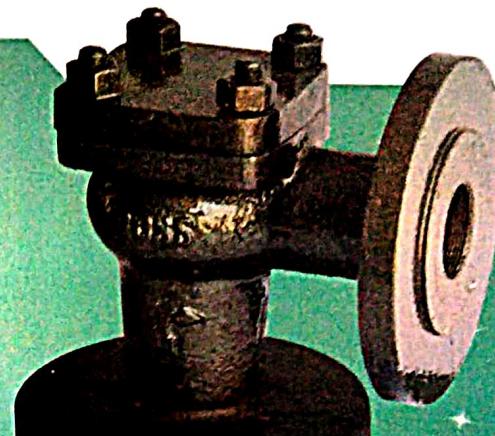
Flanged ends S.S. Hardend (AISI-410)  
Seat & As per DIN 2533 RF (PN 16)

**TEST & SUITABILITY**

Body Test Pressure : 300 Psig Hyd.

Steam Test Pressure : 150 Psig. Hyd.

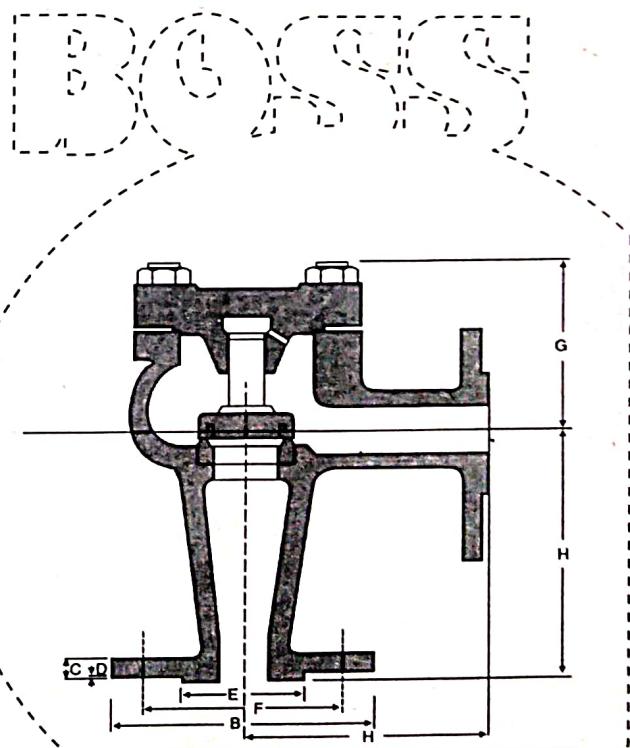
SUITABLE : Steam &amp; Water.

**MATERIALS**

P. No.	Name of Parts	Materials	SPECIFICATION
1	Studs and Nuts	M.S.	*****
2	Gasket	C.A.F.	IS : 2712
3	Cover	Cast Iron	IBR 86-93-Gr. A
4	Body	Cast Iron	-do-
5	Disc	Cast Iron	-do-
6	Disc Ring	S.S.	AISI 410/304
7	Body seat ring	S.S.	AISI 410/304

**DIMENSIONS IN MM**

SIZE	B	C	D	E	F	G	H
15mm (1/2")	95.0	14.0	2.0	45.0	65.0 4x14	55.0	90.0
20mm (3/4")	105.0	16.0	2.0	58.0	75.0 4x14	63.0	95.0
25mm (1")	115.0	16.0	2.0	68.0	85.0 4x14	63.0	100.0
32mm (1.1/4")	140.0	18.0	2.0	78.0	100 4x18	76.0	105.0
40mm (1.1/2")	150.0	18.0	3.0	88.0	110 4x18	82.0	115.0
50mm (2")	165.0	20.0	3.0	102.0	125 4x18	90.0	125.0
65mm (2.1/2")	185.0	20.0	3.0	122.0	145 4x18	125.0	145.0
80mm (3")	200.0	22.0	3.0	138.0	160 8x18	135.0	155.0
100mm (4")	220.0	24.0	3.0	158.0	180 8x18	145.0	175.0
125mm (5")	250.0	26.0	3.0	188.0	125.0 210x8x18	165.0	195.0
150mm (6")	285.0	26.0	3.0	212.0	240.0 8x22	185.0	215.0



We have no sister concern  
anywhere in India

**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS**

# **BOSS**

**VALVES**

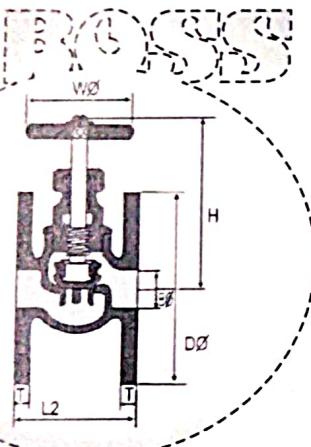
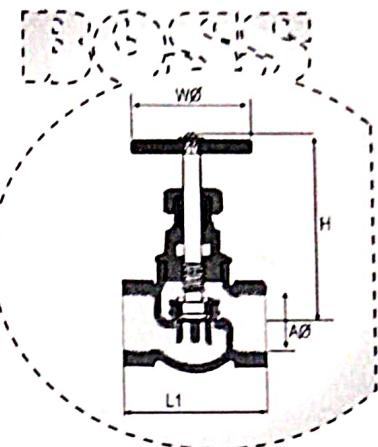
.... has to be No.1

**Gun Metal/Bronze**

WHEEL VALVE NO. 5

**DESCRIPTION**

**BOSS BRONZE WHEEL VALVE**  
**No. 5 (Heavy Pattern) Screwed Female Ends**

**DESCRIPTION**

**BOSS BRONZE WHEEL VALVE**  
**No. 5 (Heavy Pattern) Flanged Ends**  
 as Per BS : 10 Table 'F'

**MATERIALS**

Name of Parts	Materials	Specifications
BODY, BONNET, DISC, DISC NUT, GLAND, CHECK NUT	BRONZE	IS : 318 LTB2
SPINDLE	FORGED BRASS	IS : 6912 FLB
HAND WHEEL	CAST IRON	IS : 210 FG 200

**TESTED & SUITABILITY**

BODY TEST PRESSURE : 500 Psig Hyd.

SEAT TEST PRESSURE : 300 Psig Hyd.

SUITABLE : Water &amp; Oil.

Spl. Note : Above valves also available with teflon disc / Synthetic washer.

**DIMENSIONS IN MM**

INCH.	MM	L1	L2	A	B?	D? nt>	T	H	W?
1/4"	8	40	-	1/4" BSP	-	-	-	60	49
3/8"	10	45	-	3/8" BSP	-	-	-	65	49
1/2"	15	55	55	1/2" BSP	15	95.3	8	70	50
3/4"	20	65	67	3/4" BSP	19	101.6	8	86	60
1"	25	77	85	1" BSP	25	120.7	9.6	112	65
1-1/4"	32	97	85	1-1/4" BSP	32	133.4	9.6	120	75
1-1/2"	40	100	100	1-1/2" BSP	38	139.7	11.2	135	88
2"	50	117	118	2" BSP	50	165.1	11.2	150	92
2-1/2"	65	130	140	2-1/2" BSP	65	184.2	12.7	175	120
3"	80	167	178	3" BSP	80	203.2	14.3	185	125
4"	100	181	210	4" BSP	100	228.6	17.5	230	160

We have no sister concern  
anywhere in India**BOSS**

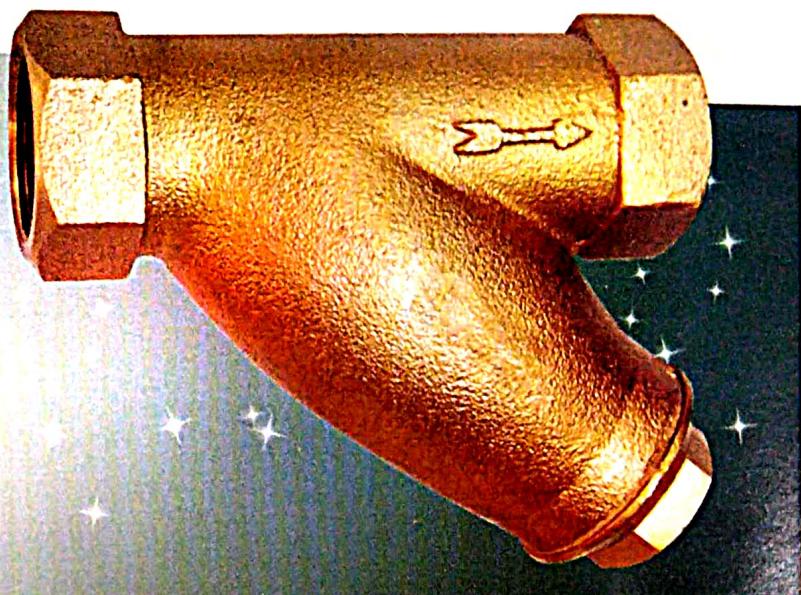
VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS****Bronze**

"Y" TYPE STRAINER

**DESCRIPTION****BOSS BRONZE "Y" TYPE STRAINER**

Screwed female ends with S.S. (AISI-304)

Screen & Special gasket between body  
and Bonnet Champion.**TESTED & SUITABILITY**MAX. WORKING PRESSURE : 21.1Kg/cm<sup>2</sup> (300psig) Hyd.

MAX. PERMISSIBLE TEMP. : 225°C (437°C)

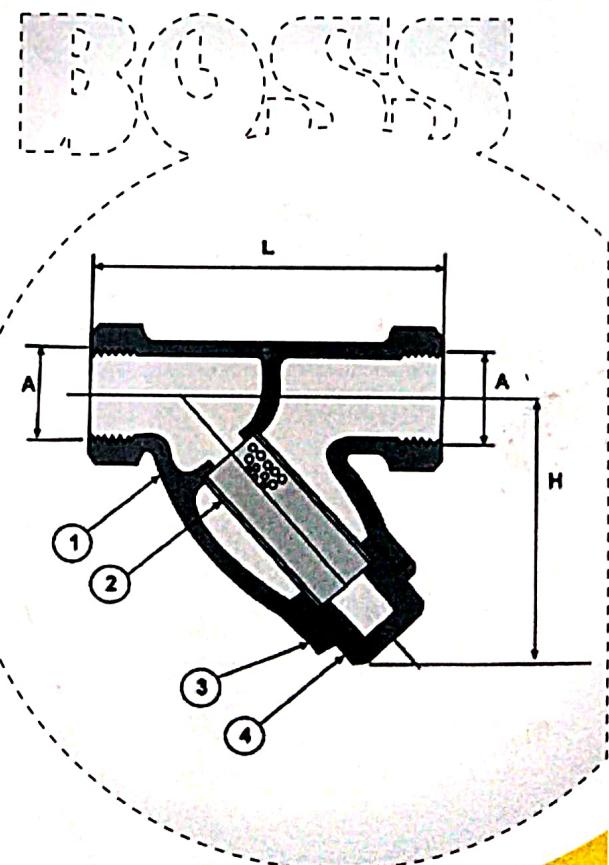
SUITABLE : Water, Steam &amp; Oil

**DIMENSIONS IN MM**

INCH.	MM	A	L	H
1/2"	15	1/2" BSP	75	55
3/4"	20	3/4" BSP	100	75
1"	25	1" BSP	125	90
1-1/4"	32	1-1/4" BSP	150	105
1-1/2"	40	1-1/2" BSP	170	120
2"	50	2" BSP	210	145
2-1/2"	65	2-1/2" BSP	215	180

**MATERIALS**

S. No.	Name of Parts	Material	Specification
1	BODY	BRONZE	IS : 318 LTB2
2	SCREEN	STAINLESS STEEL	AISI - 304
3	GASKET	CAF	IS : 2712 Gr.C
4	BONNET	BRONZE	IS : 318 LTB2

We have no sister concern  
anywhere in India**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS****Bronze**PARALLEL SLIDE  
BLOW OFF VALVE
**IBR**  
CERTIFIED
**DESCRIPTION****BOSS BRONZE PARALLEL SLIDE****BLOW OFF VALVE FLANGED ENDS**

As per BS-10 Table 'H' Rack and Pinion  
with monal/stainless steel hardened  
seats & rings. Suitable for BOP upto  
250 Psig (17.58kg/2g)

**TESTED & SUITABILITY**

BODY TEST PRESSURE : 500 Psig Hyd.

STEAM TEST PRESSURE : 250 Psig

SUITABLE : Water &amp; Steam.

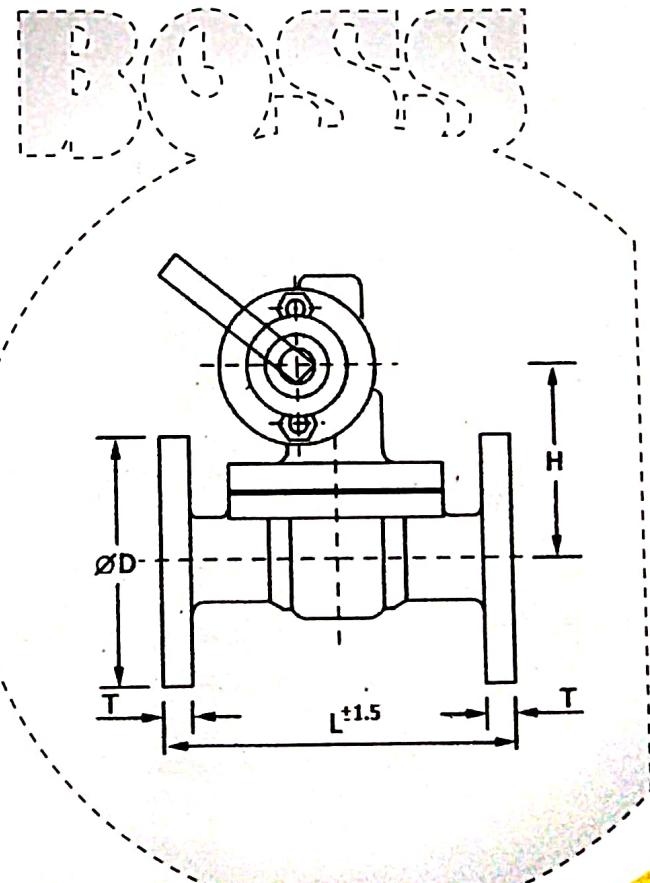
**DIMENSIONS IN MM**

INCH.	MM	LENGTH	$\varnothing D$	T
1"	25	167	4.3/4	7/16
1.1/4"	32	173	5.1/4	7/16
1.1/2"	40	190.5	5.1/4	1/2
2"	50	206.5	6.1/2	1/2

**MATERIALS**

Name of Parts	Material	Specification
BONNET	BRONZE	IBR 282 (a) (iv) Gr.B
RACK	BRONZE	IBR 282 (a) (iv) Gr.B
STUD & NUT	M.S.	BS : 916
BODY	BRONZE	IBR 282 (a) (iv) Gr.B
GASKET	C.A.F	IS : 2712
BODY SEAT RING	MONEL/S.S 410	NiCu Alloy
MALE DISC	MONEL/S.S 410	NiCu Alloy
FEMALE DISC	MONEL/S.S 410	NiCu Alloy
SPRING	CARBON STEEL	BS:970 EN44 / IBR 307
PINION	BRONZE	IBR 282 (a) (iv) Gr.B
GLAND	BRONZE	IBR 282 (a) (iv) Gr.B
PACKING	GRAPHITED ASBESTOS	
STUFFING BOX	BRONZE	IBR 282 (a) (iv) Gr.B

NOTE : A spare key provide with each valve.

We have no sister concern  
anywhere in India**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS**

Bronze  
THERMODYNAMIC  
STEAM TRAP

**IBR**  
CERTIFIED

**DESCRIPTION****BOSS IBR BRONZE THERMODYNAMIC STEAM TRAP**

Screwed female ends & BSPT Taper threads with integral S.S. (AISI-304) strainer

**TESTED & SUITABILITY**

BODY TEST PRESSURE : 500 Psig Hyd.

STEAM TEST PRESSURE : 250 Psig

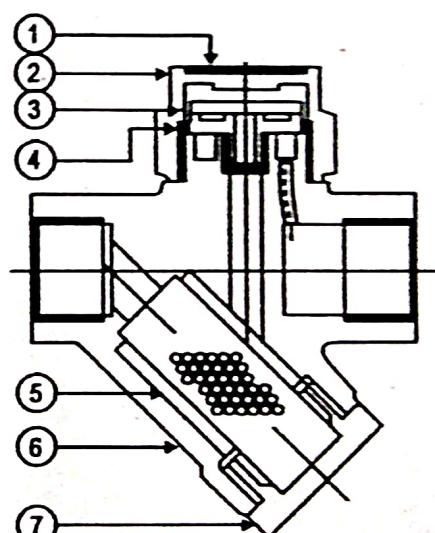
SUITABLE : Water &amp; Steam.

**DIMENSIONS IN MM**

INCH.	MM	LENGTH	H
1/2"	15	90	48
3/4"	20	97	54
1"	25	115	60

**MATERIALS**

Name of Parts	Material	Specification
PLATE NAME	ALUMINIUM	-----
CAP	S.S	AISI 410
DISC	S.S	AISI 304
DISC FACING	S.S	AISI 410
STRAINER	S.S	AISI 304
BODY	BRONZE	IBR 282 (a) (iv) Gr.B
PLUG	BRONZE	IBR 282 (a) (iv) Gr.B

**PRINCIPLE**

We have no sister concern  
anywhere in India

**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

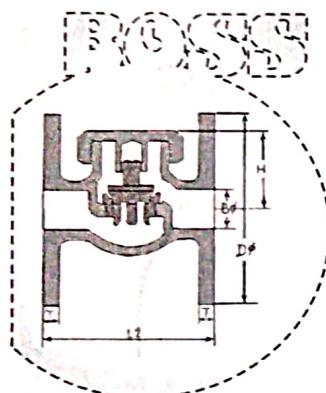
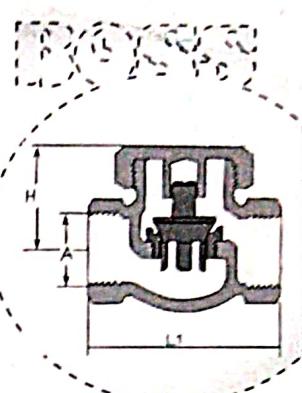
**BOSS**

# **BOSS**

**VALVES**  
.... has to be No.1

**Bronze**HORIZONTAL  
CHECK VALVE No. 9**DESCRIPTION**

**BOSS** BRONZE HORIZONTAL LIFT  
CHECK VALVE No. 9 Screwed Ends.  
with S.S. working parts

**DESCRIPTION**

**BOSS** BRONZE HORIZONTAL LIFT  
CHECK VALVE No. 9 Flanged Ends.  
with S.S. working parts

**MATERIALS**

Name of Parts	Materials	Specifications
BODY	LEADED TIN BRONZE	IS : 318 LTB2
BONNET	LEADED TIN BRONZE	IS : 318 LTB2
BODY SEAT RING	STAINLESS STEEL	AISI - 410
DISC	STAINLESS STEEL	AISI - 410

**TESTED & SUITABILITY**

BODY TEST PRESSURE : 600 PSIG

SEAT TEST PRESSURE : 300 PSIG

SUITABLE FOR : WATER, STEAM &amp; OIL

**DIMENSIONS IN MM**

INCH.	MM	A	B	D	T	L1	L2	H
1/4"	8	1/4" BSP				57		34
3/8"	10	3/8" BSP				61		34
1/2"	15	1/2" BSP	15	95.3	7.9	70	82.5	38
3/4"	20	3/4" BSP	19	101.6	7.9	85	96	44
1"	25	1" BSP	25	120.7	9.5	100	112	52
1-1/4"	32	1-1/4" BSP	32	133.4	9.5	106	119	55
1-1/2"	40	1-1/2" BSP	38	139.7	11.1	110	132	62
2	50	2" BSP	50	165.1	11.1	144	157	72
2-1/2"	65	2-1/2" BSP	65	184.2	12.7	180	188	88
3"	80	3" BSP	80	203.2	14.3	199	213	109
4"	100	4" BSP	100	228.6	17.5	251	241	132

We have no sister concern  
anywhere in India**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS**

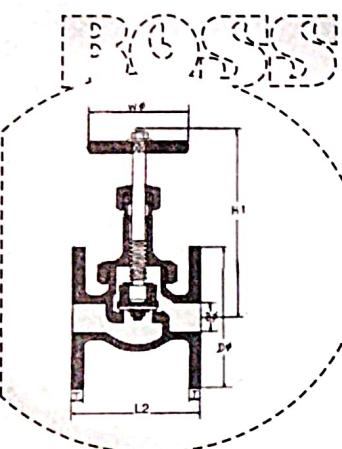
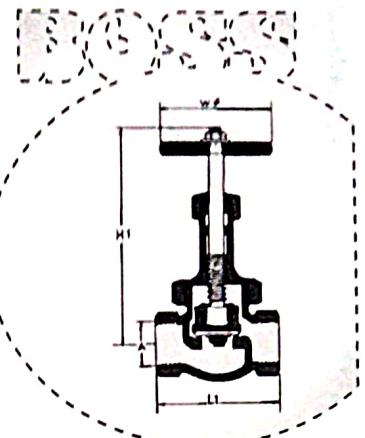
# **BOSS**

**VALVES**  
.... has to be No.1

**Bronze**  
UNION BONNET

**DESCRIPTION**

**BOSS BRONZE UNION BONNET  
WHEEL VALVE No. 9** Screwed Ends  
with Hardened S.S. working parts

**DESCRIPTION**

**BOSS BRONZE UNION BONNET  
WHEEL VALVE No. 9** Flanged Ends  
with Hardened S.S. working parts

**MATERIALS**

Name of Parts	Materials	Grade
BONNET, GLAND NUT, GLAND, DISC CHECK NUT	BRONZE	IS : 318 LTB2
SPINDLE, DISC & RING TEMPERED	STAINLESS STEEL	AISI - 410
GLAND PACKING	TEFLON	PTFE
HAND WHEEL	CAST IRON	IS:210 Grade FG:200

**DIMENSIONS IN MM**

INCH.	MM	A	B	D	T	L1	L2	H	W
1/2"	15	1/2" BSP	15	95.3	7.9	70	82	125	65
3/4"	20	3/4" BSP	19	101.6	7.9	85	96	140	80
1"	25	1" BSP	25	120.7	9.5	100	112	160	85
1-1/4"	32	1-1/4" BSP	32	133.4	9.5	105	119	175	100
1-1/2"	40	1-1/2" BSP	38	139.7	11.1	119	132	215	115
2"	50	2" BSP	50	165.1	11.1	146	157	246	130
2-1/2"	65	2-1/2" BSP	65	184.2	12.7	180	188	265	160
3"	80	3" BSP	80	203.2	14.3	198	213	289	160
4"	100	4" BSP	100	228.6	17.5	252	241	320	180

**TESTED & SUITABILITY**

BODY TEST PRESSURE : 600 PSIG

SUITABLE FOR : WATER, STEAM, AIR &amp; OIL

We have no sister concern  
anywhere in India**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS**

# **BOSS**

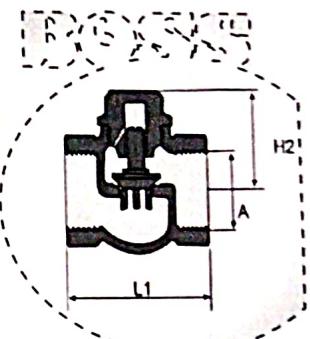
**VALVES**  
.... has to be No.1

**Bronze**

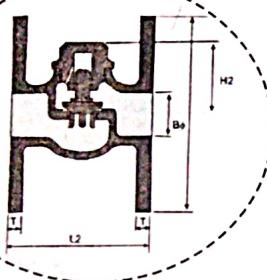
HORIZONTAL CHECK VALVE

**DESCRIPTION**

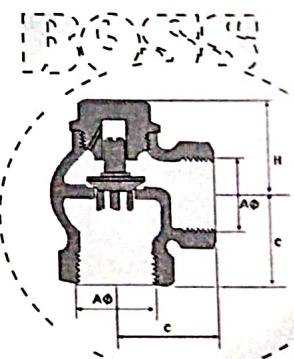
**BOSS** BRONZE HORIZONTAL LIFT  
CHECK VALVE No. 5 Screwed Ends.

**DESCRIPTION**

**BOSS** BRONZE HORIZONTAL LIFT  
CHECK VALVE No. 5 Flanged Ends.

**DESCRIPTION**

**BOSS** BRONZE ANGLE HORIZONTAL  
LIFT CHECK VALVE No. 5  
Screwed Ends.

**MATERIALS**

Name of Parts	BODY BONNET DISC
Materials	BRONZE
Specifications	IS : 318 LTB2

**TESTED & SUITABILITY**

BODY TEST PRESSURE : 500 PSIG  
STEAM TEST PRESSURE : 200 PSIG  
SUITABLE FOR : WATER & OIL

**DIMENSIONS IN MM**

INCH.	MM	L1	L2	C	A	B?	D? NTD	T	H
1/4"	8	53			1/4" BSP				34
3/8"	10	53			3/8" BSP				34
1/2"	15	55	55	35	1/2" BSP	15	95.3	8	38
3/4"	20	65	67	39	3/4" BSP	20	101.6	8	46
1"	25	78	85	47	1" BSP	25	120.7	9.6	53
1-1/4"	32	96	85	51	1-1/4" BSP	32	133.4	9.6	54
1-1/2"	40	96	100	56	1-1/2" BSP	40	139.7	11.2	62
2"	50	117	108	58	2" BSP	50	165.1	11.2	75
2-1/2"	65	135	140		2-1/2" BSP	65	184.2	12.7	88
3"	80	150	178		3" BSP	80	203.2	14.3	95
4"	100	180	210		4" BSP	100	228.6	17.5	108



We have no sister concern  
anywhere in India

**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS**

# **BOSS**

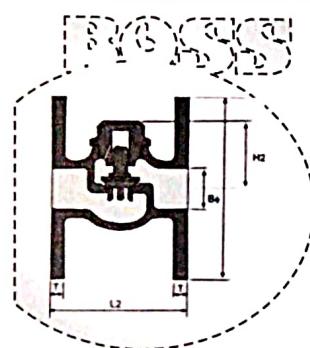
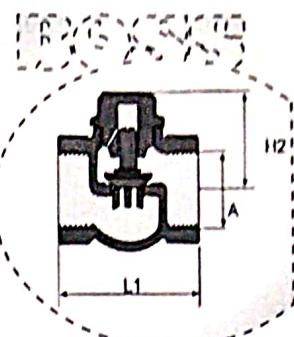
**VALVES**  
.... has to be No.1

**Bronze**

HORIZONTAL CHECK VALVE

**DESCRIPTION**

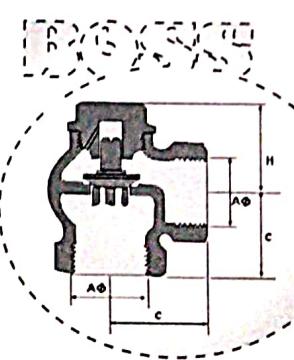
**BOSS** BRONZE HORIZONTAL LIFT  
CHECK VALVE No. 4 Screwed Ends.

**DESCRIPTION**

**BOSS** BRONZE HORIZONTAL LIFT  
CHECK VALVE No. 8 Flanged Ends.

**DESCRIPTION**

**BOSS** BRONZE ANGLE HORIZONTAL  
LIFT CHECK VALVE No. 4  
Screwed Ends.

**MATERIALS**

Name of Parts	BODY, BONNET, DISC
Materials	BRONZE
Specifications	IS : 318 LTB2

**TESTED & SUITABILITY**

BODY TEST PRESSURE : 300 PSIG  
SUITABLE FOR : WATER & OIL

**DIMENSIONS IN MM**

INCH.	MM	L1	L2	C	A	B?	D? MT>	T	H
1/4"	8	42			1/4" BSP				27
3/8"	10	42			3/8" BSP				27
1/2"	15	48	52	29	1/2" BSP	15	95.3	6.4	30
3/4"	20	55	65	35	3/4" BSP	20	101.6	6.4	39
1"	25	63	83	43	1" BSP	25	114.3	8	45
1-1/4"	32	77	83	47	1-1/4" BSP	32	120.7	8	56
1-1/2"	40	88	83	51	1-1/2" BSP	40	133.4	9.6	60
2"	50	101	105	58	2" BSP	50	152.4	9.6	65
2-1/2"	65	118	138		2-1/2" BSP	65	165.1	11.11	80
3"	80	153	175		3" BSP	80	184.2	12.7	90
4"	100	190	207		4" BSP	100	215.9	15.9	110



We have no sister concern  
anywhere in India

# **BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS**

# **BOSS**

**VALVES**  
.... has to be No 1

**Gun Metal**VERTICAL LIFT  
CHECK VALVEIS : 778  
CM/L-9136171**DESCRIPTION****BOSS GUN METAL VERTICAL LIFT CHECK VALVE**

Screwed Female Ends

**TEST & SUITABILITY**

## Class - 1

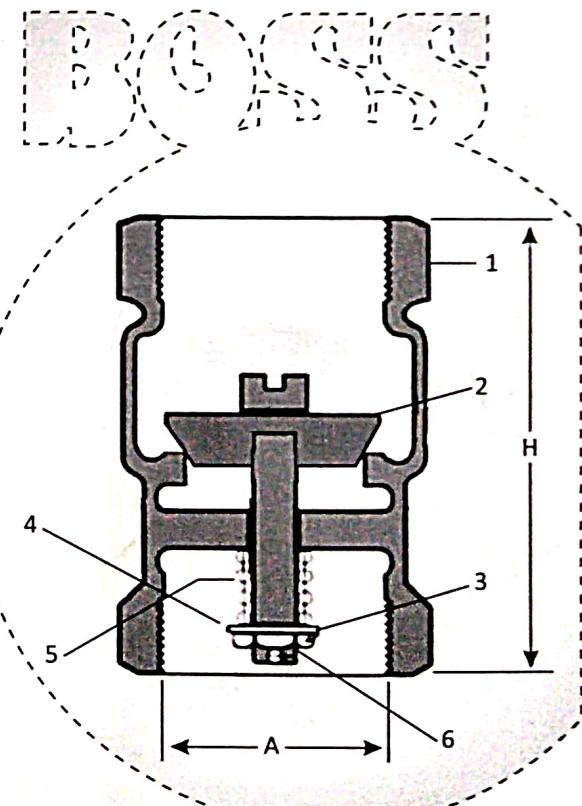
Body	1.5Mpa (15kg/cm <sup>2</sup> )	Class - 2	2.4Mpa (24kg/cm <sup>2</sup> )
Seat	1.0Mpa (10kg/cm <sup>2</sup> )		1.6Mpa (16kg/cm <sup>2</sup> )
Time	2 Minutes		
Suitable for : Water & Oil			

**DIMENSIONS IN MM**

INCH.	MM	A	H
1/2"	15	1/2" BSP	65
3/4"	20	3/4" BSP	70
1"	25	1" BSP	75
1-1/4"	32	1-1/4" BSP	85
1-1/2"	40	1-1/2" BSP	95
2"	50	2" BSP	110
2-1/2"	65	2-1/2" BSP	130
3"	80	3" BSP	145
4"	100	4" BSP	190

**MATERIALS**

P. No.	Name of Parts	Materials	Specifications
1	BODY	GUN METAL	IS : 318 LTB2
2	DISC	GUN METAL	IS : 318 LTB2
3	NUT	BRASS	IS : 6912
4	WASHER	BRONZE	IS : 318 LTB2
5	SPRING	PHOSPHER BRONZE	IS : 7608
6	SPLIT PIN	GUN METAL	

We have no sister concern  
anywhere in India**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS**

# **BOSS**

**VALVES**

.... has to be No.1

**Gun Metal**HORIZONTAL  
LIFT CHECK VALVE

IS : 778



CM/L-9136171



An ISO 9001-2000 Company

**DESCRIPTION****BOSS GUN METAL HORIZONTAL LIFT CHECK VALVE**

Screwed Female Ends

Conforming to IS : 778 Duly ISI Marked

Screwed in Bonnet, Integral seat, Guided Plug Type Disc,  
Increased Lift to ensure full flow area.**TESTED & SUITABILITY**

Class - 1

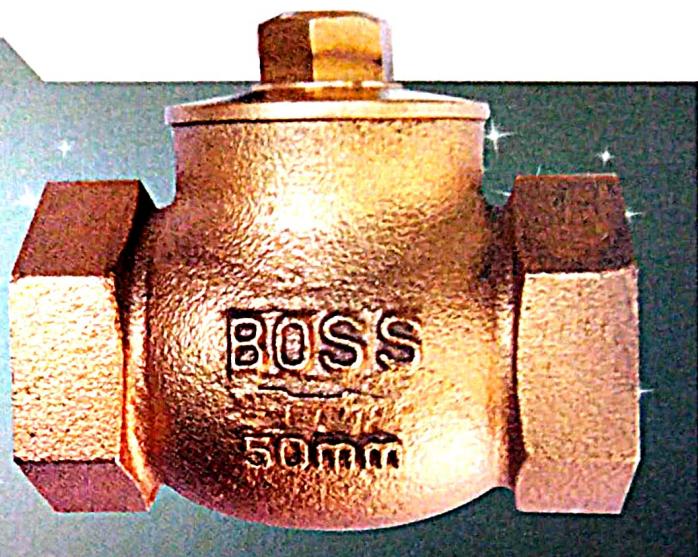
Body 1.5Mpa (15kg/cm<sup>2</sup>)

Class - 2

2.4Mpa (24kg/cm<sup>2</sup>)Seat 1.0Mpa (10kg/cm<sup>2</sup>)1.6Mpa (16kg/cm<sup>2</sup>)

Time 2 Minutes

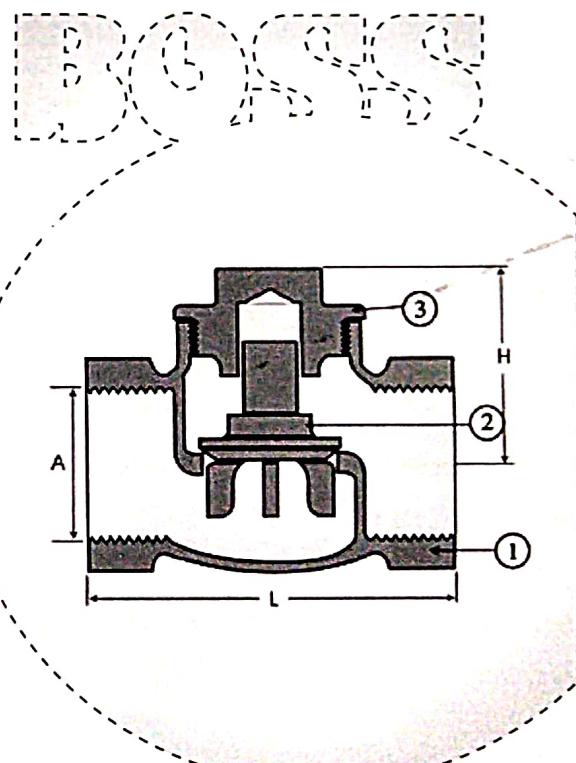
Suitable for: Water &amp; Oil

**DIMENSIONS IN MM**

MM	A	L	H
15	1/2" BSP	60	40
20	3/4" BSP	70	46
25	1" BSP	80	54
32	1-1/4" BSP	95	57
40	1-1/2" BSP	110	66
50	2" BSP	125	83
65	2-1/2" BSP	160	101
80	3" BSP	180	109
100	4" BSP	216	128

**MATERIALS**

P.No.	Name of Parts	Materials	Specifications
1	BODY	GUN METAL	IS : 318 LTB2
2	DISC	GUN METAL	IS : 318 LTB2
3	BONNET	GUN METAL	IS : 318 LTB2

We have no sister concern  
anywhere in India**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS****Bronze**VERTICAL LIFT  
CHECK VALVE**IBR**

CERTIFIED

**DESCRIPTION**

**BOSS IBR BRONZE VERTICAL LIFT CHECK VALVE FLANGED ENDS AS PER BS-10 TABLE 'H'**  
 with renewable monel 13% CR S.S. (AISI-410) Seat max BOP 250°Psig 428°F (220°C) Temp.

**TESTED & SUITABILITY**

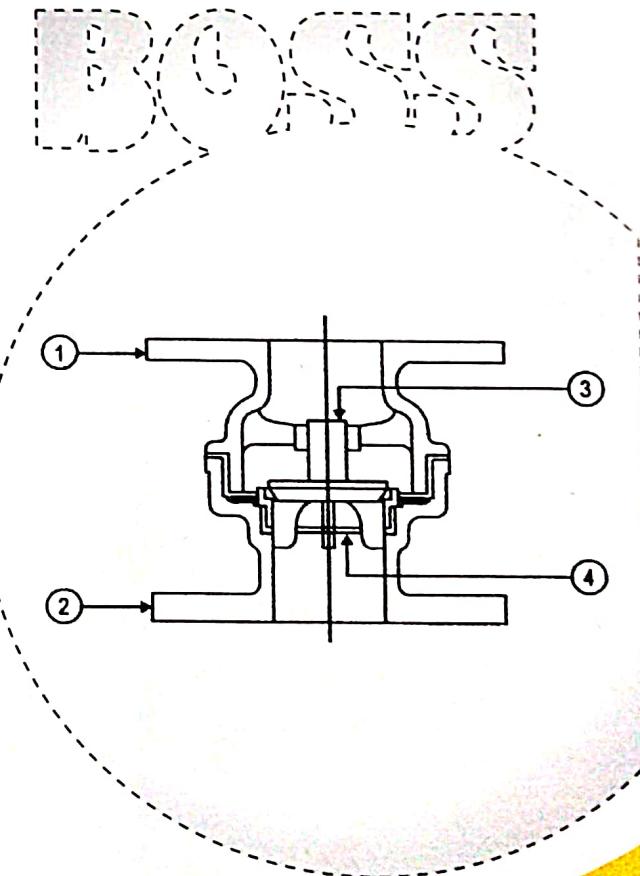
BODY TEST PRESSURE : 500 Psig Hyd.  
 SUITABLE : Water, Oil & Steam.

**DIMENSIONS IN MM**

INCH.	MM	LENGTH	D	T
1/2"	15	70	114.3	9.5
3/4"	20	76	114.3	9.5
1"	25	95	120.7	11.1
1-1/4"	32	102	133.4	11.1
1-1/2"	40	123	139.7	12.7
2"	50	140	165.1	12.7

**MATERIALS**

S. No.	Name of Parts	Material	Specification
1	COVER	BRONZE	IBR 282 (a) (iv) Gr.B
2	BODY	BRONZE	IBR 282 (a) (iv) Gr.B
3	DISC	S.S./MONEL	AISI 410 / NiCu Alloy
4	BODY SEAT RING	S.S./MONEL	AISI 410 / NiCu Alloy



We have no sister concern  
anywhere in India

**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS



# BOSS

Bronze  
VERTICAL LIFT  
CHECK VALVE  
TWO PCS.

IBR  
CERTIFIED



## DESCRIPTION

**BOSS IBR BRONZE VERTICAL LIFT CHECK VALVE** with renewable monel 13% CR S.S. (AISI-410) Seat screwed female ends. BSP tapper thread max BOP 250 Psig 428°F (220°C) Temp.

## TESTED & SUITABILITY

BODY TEST PRESSURE : 500 Psig Hyd.  
STEAM TEST PRESSURE : 250 Psig  
SUITABLE : Water & Steam.

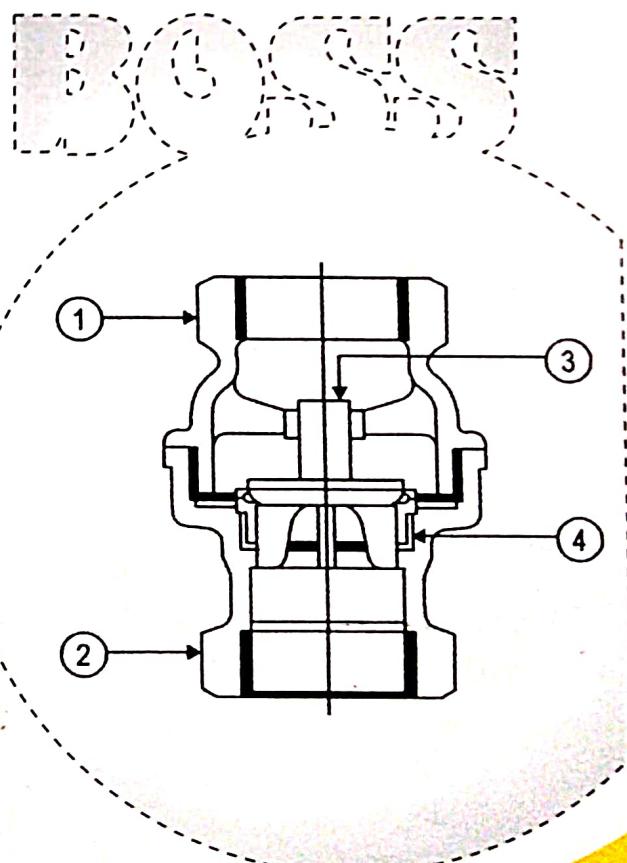


## DIMENSIONS IN MM

INCH.	MM	LENGTH
1/2"	15	73
3/4"	20	76
1"	25	90
1-1/4"	32	114
1-1/2"	40	130
2"	50	155

## MATERIALS

S.No.	Name of Parts	Material	Specification
1	COVER	BRONZE	IBR 282 (a) (iv) Gr.B
2	BODY	BRONZE	IBR 282 (a) (iv) Gr.B
3	DISC	S.S./MONEL	AISI 410 / NiCu Alloy
4	BODY SEAT RING	S.S./MONEL	AISI 410 / NiCu Alloy



We have no sister concern  
anywhere in India

# BOSS

VALVES, COCKS & BOILER MOUNTINGS

**BOSS****BOSS**CAST STEEL  
GLOBE VALVE**IBR**

CERTIFIED

**DESCRIPTION**

**BOSS CAST STEEL GLOBE VALVE**  
PN-40 Flanged Ends

**TESTED & SUITABILITY**

Body Test Pressure : 1000 Psig Hyd.  
(68kgf/Cm<sup>2</sup>gHyd.)

Steam Test Pressure : 250 Psig.  
(17kgf/Cm<sup>2</sup>g)

Suitable For : Steam, Water & Oil

**DIMENSIONS**

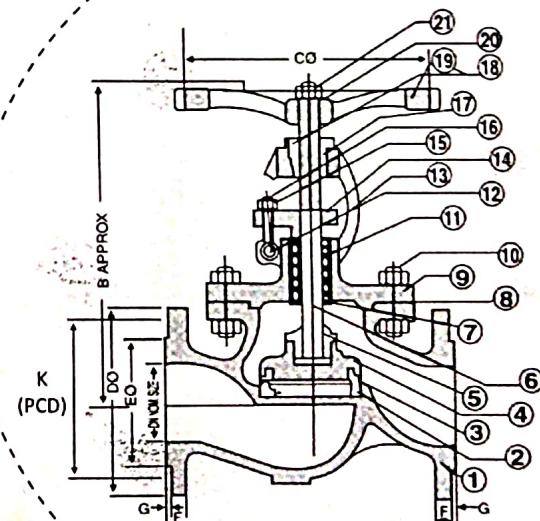
DN	A	B	C	D	E	F	G	K(PCD)	N D
DN 15	130	165	120	95	45	16	2	65	4 x 14
DN 20	150	165	120	105	58	18	2	75	4 x 14
DN 25	160	200	150	115	68	18	2	85	4 x 14
DN 32	180	200	150	140	78	18	2	100	4 x 18
DN 40	200	245	200	150	88	18	3	110	4 x 18
DN 50	230	260	200	165	102	20	3	125	4 x 18

**DIMENSIONS**

DN	A	B	C	D	E	F	G	K(PCD)	N D
DN 65	290	300	250	185	122	22	3	145	4 x 18
DN 80	310	340	250	200	138	24	3	160	4 x 18
DN 100	350	400	300	235	162	24	3	190	8 x 22
DN 125	400	450	300	270	188	26	3	220	8 x 26
DN 150	480	530	400	300	218	28	3	250	8 x 26
DN 200	600	580	400	375	285	34	3	320	12 x 30

**MATERIALS**

P. No.	Name of Parts	NO. OFF	Materials	SPECIFICATION
1	Body	1	cast Steel	IBR 73 to 80
2	Body Seat Ring	1	13% Cr. S.S.	AISI-410
3	Valve Disc Facing Ring	1	13% Cr. S.S.	AISI-410
4	Valve Disc	1	Cast Steel	IBR 73 to 80
5	Valve Disc Bush	1	13% Cr. S.S.	AISI-410
6	Stem	1	13% Cr. S.S.	AISI-410
7	Back Seat Bush	1	13% Cr. S.S.	AISI-410
8	Gasket	1	S.S. Type 304	Spiralwound Asbestos Filler
9	Bonnet	1	Cast Steel	IBR 73 to 80
10	Studs & Nut	As Reqd.	Alloy Steel H.T Steel	ASTM A-193 Gr. B-7 ASTM A-194 Gr. 2H
11	Packing	As Reqd.	Graphited Asbestos	-----
12	PIN for Eye Bolts	2	13% Cr. S.S.	AISI-410
13	Gland	1	13% Cr. S.S.	AISI-410
14	Gland Flange	1	Cast Steel	IBR 73 TO 80
15	NUT FOR Eye Bolts	2	H.T. Steel	ASTM A-194 Gr. 2H
16	Eye Bolts	2	13% Cr. S.S.	AISI-410
17	Yoke Bush	1	13% Cr. S.S.	AISI-410
18	Locking Screw	1	Steel	-----
19	Handwheel	1	M.I.	-----
20	Washer	1	Carbon Steel	-----
21	Nut for Handwheel	1	Carbon Steel	-----



NOTE  
N = No. of Hole  
D = Dia of Hole

**BOSS**

We have no sister concern  
anywhere in India

VALVES, COCKS &amp; BOILER MOUNTINGS

**BOSS****BOSS**

**IBR**  
CERTIFIED



CAST STEEL  
HORIZONTAL LIFT  
CHECK VALVE

### DESCRIPTION

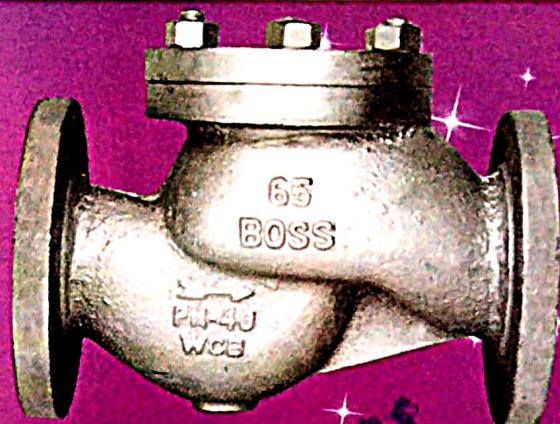
**BOSS** CAST STEEL HORIZONTAL LIFT CHECK VALVE (Non Return) Flanged Ends with renewable S.S hardend (AISI-410) Seat Din 254 RF (PN-40) as Per BS-450 max. Temp 400°C

### TESTED & SUITABILITY

Body Test Pressure : 1000 Psig Hyd.  
(68kgf/Cm<sup>2</sup>gHyd.)

Steam Test Pressure : 250 Psig.  
(17kgf/Cm<sup>2</sup>g)

Suitable For : Steam, Water & Oil

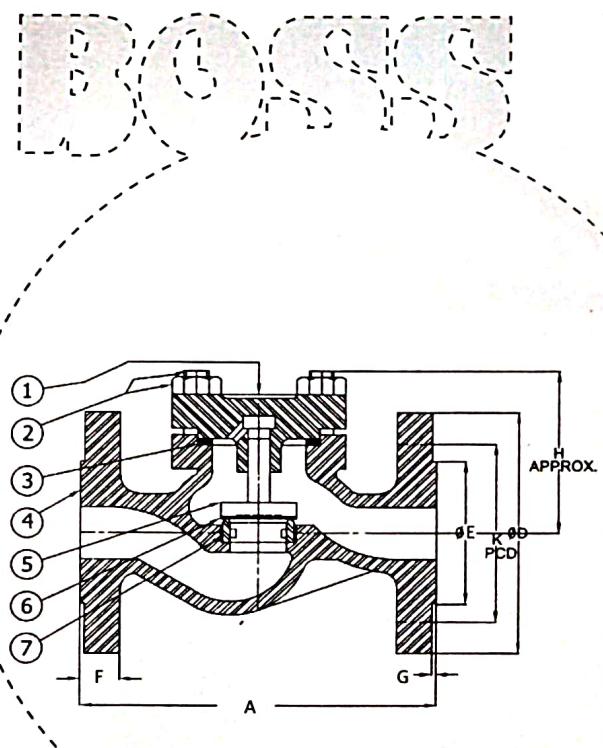


### DIMENSIONS

DN	A	D	E	F	G	K(PCD)	N.D.
DN 15	130	95	45	16	2	65	4 x 14
DN 20	150	105	58	18	2	75	4 x 14
DN 25	160	115	68	18	2	85	4 x 14
DN 32	180	140	78	18	2	100	4 x 18
DN 40	200	150	88	18	3	110	4 x 18
DN 50	230	165	102	20	3	125	4 x 18
DN 65	290	185	122	22	3	145	4 x 18
DN 80	310	200	138	24	3	160	4 x 18
DN 100	350	235	162	24	3	190	8 x 22
DN 125	400	270	188	26	3	220	8 x 26
DN 150	480	300	218	28	3	250	8 x 26
DN 200	600	375	285	34	3	320	12 x 30

### MATERIALS

P. No.	Name of Parts	No. Off	Materials	SPECIFICATION
1	Body	1	cast Steel	IBR 73 to 80
2	Body Seat Ring	1	13% Cr. S.S.	AISI-410
3	Valve Disc Facing Ring	1	13% Cr. S.S.	AISI-410
4	Valve Disc	1	Cast Steel	IBR 73 to 80
5	Gasket	1	S.S. Type 304	Spiralwound Asbestos Filler
6	Bonnet	1	Cast Steel	IBR 73 to 80
7	Studs & Nut	As Reqd.	Alloy Steel H.T Steel	ASTM A-193 Gr. B-7 ASTM A-194 Gr. 2H
8	PIN for Eye Bolts	2	13% Cr. S.S.	AISI-410
9	NUT FOR Eye Bolts	2	H.T. Steel	ASTM A-194 Gr. 2H
10	Eye Bolts	2	13% Cr. S.S.	AISI-410



NOTE  
N = No. of Hole  
D = Dia of Hole



We have no sister concern  
anywhere in India

**BOSS**

VALVES, COCKS &amp; BOILER MOUNTINGS