

PRODUCT CATALOGUE

Quality

Industrial

Valves



Value

Performance

Quality



BRONZE VALVES

**WCB & SS
BALL VALVES**

GAS VALVES



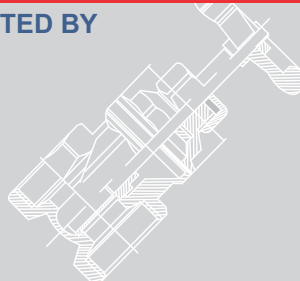
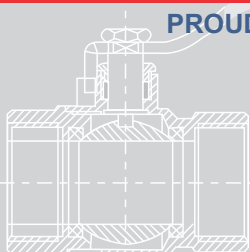
CONFIDENCE IN VALVE TECHNOLOGY

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BRONZE VALVES

Bronze Globe Valve F x F (Female Threaded Ends)



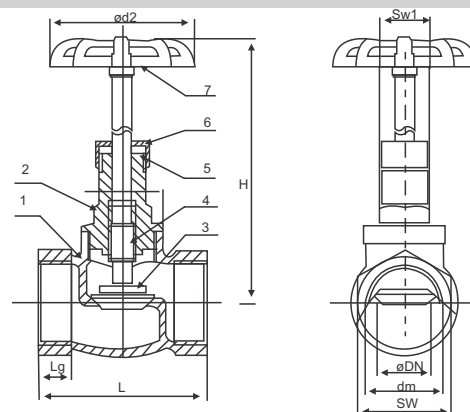
Bronze Trim

SPECIFICATION

Bronze body - graphite packing

APPLICATION

Hot water and steam reticulation * Suitable for non-shock steam, water, oil, gas and air. Ideal for accurate throttling and shut-off



DIMENSIONS

Bronze trim Code	Size	DN	c Ć	[	H	lg	c Ě	{ í	SW1	PN
050587	15mm (½")	14	53	56	100	11.0	25	28	19.0	25
050588	20mm (¾")	18	54	67	115	12.0	30	34	20.5	25
050589	25mm (1")	20	59	78	125	14.0	35	41	23.0	25
050590	32mm (1¼")	28	71	90	135	15.5	45	51	27.0	25
050591	40mm (1½")	3E	71	103	150	16.0	53	57	32.0	25
050592	50mm (2")	4E	77	120	165	18.0	62	70	38.0	25

Pressure / Temperature Ratings for Tekflo Bronze Valves

Size DN	Temp. 0°C	-20° to +65°	100°	110°	120°	130°	140°	150°	160°	170°	180°
15-50 mm	Pressure Bar	25	25	23.2	21.5	19.7	18.0	16.2	14.6	13.0	11.2

MATERIAL

NO.	NAME	MATERIAL
1	Body	Bronze
2	Bonnet	Bronze
3	Nuts	S/S
4	Gasket	Bronze
5	Seat	PTFE/Bronze
6	Seal Holder	Bronze
7	Stem	Bronze
8	Gasket	Graphite
9	Hex	Bronze
10	Handle	Castliron

Bronze Globe Valve F x F (Female Threaded Ends)



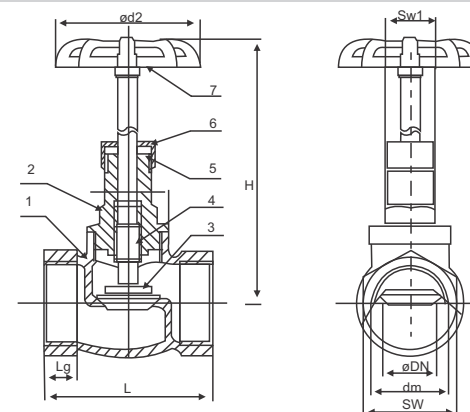
PTFE Trim

SPECIFICATION

Bronze body - graphite packing

APPLICATION

Hot water and steam reticulation * Suitable for non-shock steam, water, oil, gas and air. Ideal for accurate throttling and shut-off



DIMENSIONS

PTFE trim Code	Size	DN	c Ć	[	H	lg	c Ě	{ í	SW1	PN
050559	15mm (½")	14	53	56	100	11.0	25	28	19.0	25
050560	20mm (¾")	18	54	67	115	12.0	30	34	20.5	25
050561	25mm (1")	20	59	78	125	14.0	35	41	23.0	25
050562	32mm (1¼")	28	71	90	135	15.5	45	51	27.0	25
050563	40mm (1½")	3E	71	103	150	16.0	53	57	32.0	25
050564	50mm (2")	4E	77	120	165	18.0	62	70	38.0	25

Pressure / Temperature Ratings for Tekflo Bronze Valves

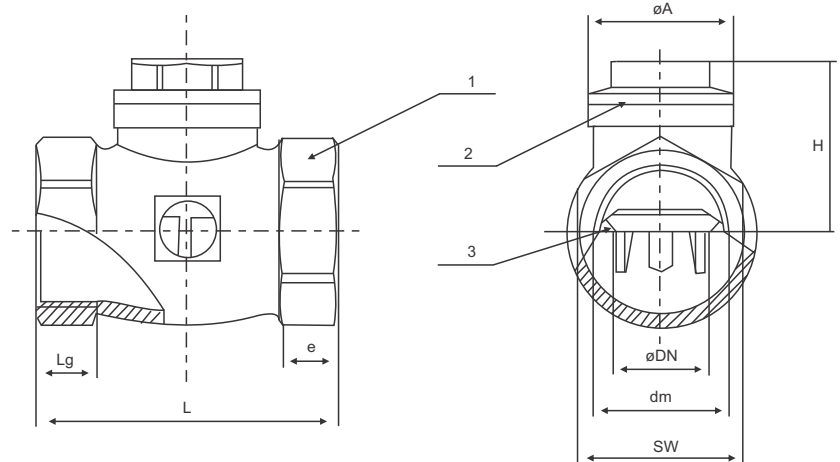
Size DN	Temp. 0°C	-20° to +65°	100°	110°	120°	130°	140°	150°	160°	170°	180°
15-50 mm	Pressure Bar	25	25	23.2	21.5	19.7	18.0	16.2	14.6	13.0	11.2

MATERIAL

NO.	NAME	MATERIAL
1	Body	Bronze
2	Bonnet	Bronze
3	Nuts	S/S
4	Gasket	Bronze
5	Seat	PTFE/Bronze
6	Seal Holder	Bronze
7	Stem	Bronze
8	Gasket	Graphite
9	Hex	Bronze
10	Handle	Castliron

BRONZE VALVES

Bronze Lift Check Valve F x F (Female Threaded Ends)



SPECIFICATION

Bronze body, bronze seat

APPLICATION

Hot water and steam reticulation * Suitable for non-shock steam, water, oil, gas and air. Ideal for accurate throttling

DIMENSIONS

Code	Size	DN	L	H	Lg	ØA	SV	PN
050350	15mm (½")	12	56	33	11	£5	28	25
050351	20mm (¾")	15	67	38	12	30	34	25
050352	25mm (1")	18	78	4S	14	35	41	25
050353	32mm (1¼")	26	90	50	15.5	45	51	25
050354	40mm (1½")	30	103	57	16	53	57	25
050355	50mm (2")	40	120	65	18	62	70	25

MATERIAL

NO	NAME	MATERIALS
1	Body	Bronze
2	Bonnet	Bronze
3	Insert	Bronze

S/S = Stainless Steel

* Pressure/Temperature rating as per Bronze Globe Valves

* All measurements are in mm

Pressure / Temperature Ratings for Tekflo Bronze Valves											
Size DN	Temp. 0°C	-20° to +65°	100°	110°	120°	130°	140°	150°	160°	170°	180°
15-50 mm	Pressure Bar	25	25	23.2	21.5	19.7	18.0	16.2	14.6	13.0	11.2

INDUSTRIAL VALVES

1 Piece Carbon Steel Ball Valve - M x F (Male/Female Threaded Ends)



SPECIFICATION

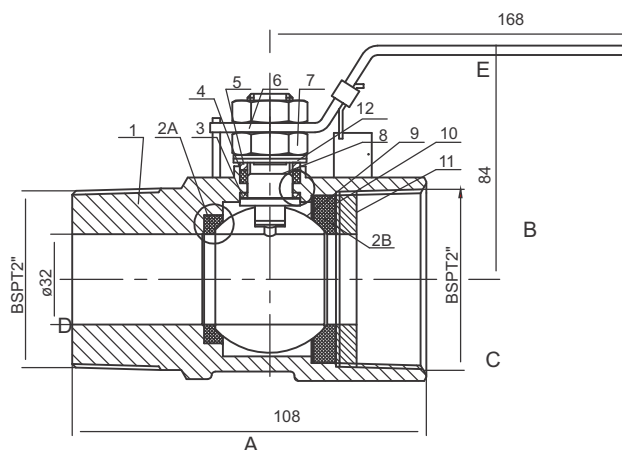
A105 Carbon Steel body, 316 stainless steel ball, RPTFE seats, Fire Safe certified

APPLICATION

Petrochemical, petrol station installations and industrial use

FEATURES

Lockable handle, fire safe certified
PN69 Bar pressure rated (1000 psi)



DIMENSIONS

Code	Size	A	B	C	D	E
112468	40mm	94	68	1½"	24	160
112469	50mm	108	84	2"	32	168

PRESSURE / TEMPERATURE RATINGS FOR TEK FLO WCB/SS (1000 WOG) VALVES WITH RPTFE SEATS

Size mm	Temp °C	-30 °C	0 °C	100°C	180°C	230°C	300°C	350°C	380°C
8 - 50 mm	Pressure	69	69	69	63	48	30	14	7
65 - 80 mm	Bar	50	50	50	50	48	30	14	7

1 Piece Carbon Steel Ball Valve - FxF (Female Threaded Ends)



SPECIFICATION

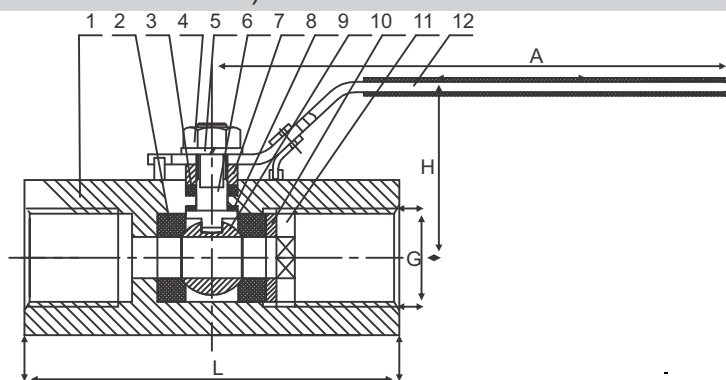
A105 Carbon Steel body, stainless steel ball, RPTFE seats

APPLICATION

Water, Oil & Gas.

FEATURES

Pn69 Bar pressure rated (1000 psi)



MATERIALS

NO	NAME	MATERIAL
1	Body	A105
2	Ball	S/S
3	Seat	PTFE
4	Bonnet	A105
5	Gasket	PTFE
6	Srem	S/S
7	Packing	PTFE
8	Packing Ring	A105
9	Handle	S/S
10	Spring Washer	Mild Steel
11	Seat Nut	S/S

DIMENSIONS

Code	Size	L	L1	d	H	W
051385	10mm (3/8")	60.0	14	8	38	95
051386	15mm (½")	60.0	14	10	43	100
051387	20mm (¾")	67.5	15	13	42	100
051388	25mm (1")	75.0	18	17	45	100
051389	32mm (1¼")	90.0	18	22	57	120
051390	40mm (1½")	95.0	18	25	78	150
051391	50mm (2")	110.0	22	32	83	150

S/S = Stainless Steel

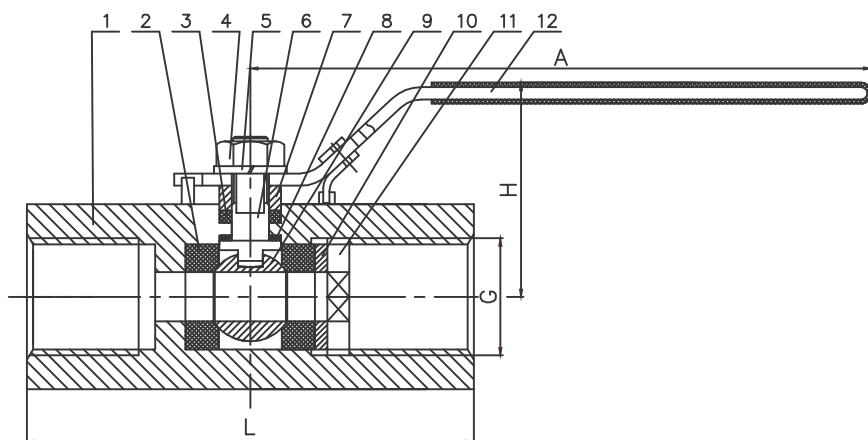
* Pressure rating as per 1 piece Carbon Steel Ball Valve

* All measurements are in mm

* Pressure/Temperature rating as per table above

INDUSTRIAL VALVES

1 Piece Stainless Steel Ball Valve - F x F (Female Threaded Ends)



SPECIFICATION

316 Stainless steel Body, 316 Stainless Steel Ball, RPTFE seats

APPLICATION

Water, Oil & Gas.

FEATURES

Lockable handle, PN69 Bar pressure rated (1000 psi)

DIMENSIONS

Code	Size	DN	d	L	H	A
112442	8mm (¼")	6	5	40	28	83
112443	10mm (3/8")	10	8	44	30	83
112444	15mm (½")	15	9.5	55	34	102
112445	20mm (¾")	20	12.5	60	40	102
112446	25mm (1")	25	16	71	52	120
112447	32mm (1¼")	32	20	76	62	120
112448	40mm (1½")	40	25	83	68	140
112449	50mm (2")	50	32	99	75	148

MATERIALS

NOS	PART NAME	MATERIAL
1	Body	ASTM A351 CP8M
2	Sealing Ring	RPTFE
3	Packing	PTFE
4	Hexangular Nut	S/S
5	Spring Washer	S/S
6	Stem	ASTMA182 F316
7	Packing Ring	S/S
8	Washer	PIPE
9	Ball	ASTMA182 F316
10	SealingRing	PTFE
11	Nut	S/S
12	Handle	S/S

PRESSURE / TEMPERATURE RATINGS FOR TEK FLO WCB/SS (1000 WOG) VALVES WITH RPTFE SEATS

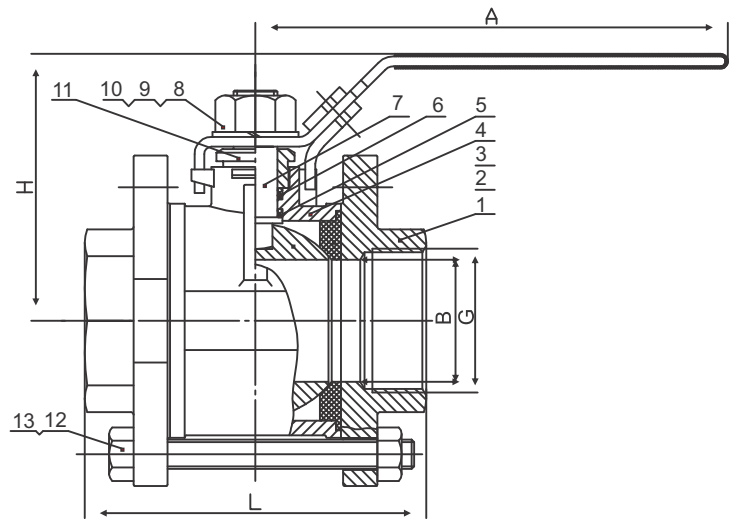
Size mm	Temp °C	-30 °C	0 °C	100°C	180°C	230°C	300°C	350°C	380°C
8 - 50 mm	Pressure	69	69	69	63	48	30	14	7
65 - 80 mm	Bar	50	50	50	50	48	30	14	7

S/S = Stainless Steel

* All measurements are in mm

INDUSTRIAL VALVES

3 Piece Stainless Steel Ball Valve - F x F (Female Threaded Ends)



SPECIFICATION

316 Stainless steel Body RPTFE seats - 3 piece body

APPLICATION

Water, Oil & Gas.

FEATURES

Lockable handle, PN69 Bar rated (1000 psi)

DIMENSIONS

Code	Size	DN	B	L	E	H	A
112431	8mm (¼")	6	8	67	11.5	48	101
112432	10mm (3/8")	10	10	67	11.5	48	101
112433	15mm (½")	15	15	67	14.0	56	101
112434	20mm ¾"	20	20	77	15.0	62	117
112435	25mm (1")	25	25	87	15.0	71	138
112436	32mm (1¼")	32	32	102	18.0	80	155
112437	40mm (1½")	40	38	112	19.0	91	176
112438	50mm (2")	50	50	135	19.0	97	177
112439	65mm (2½")	65	64	179	23.0	133	235
112440	80mm (3")	80	80	210	25.0	136	258

MATERIALS

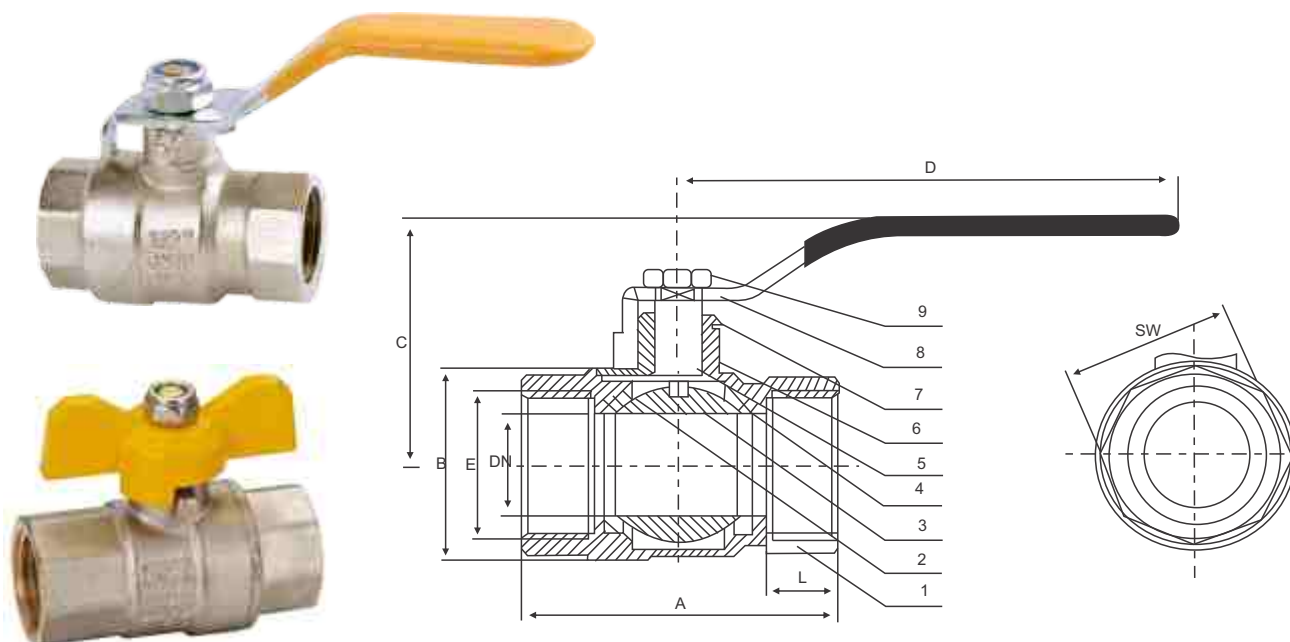
NO	PARTS	MATERIAL
1	Bonnet	ASTM A351 CF8M
2	Sealing Ring	RPTFE
3	Ball	ASTM A182 F316
4	Body	ASTM A351 CF8M
5	Gasket	PTFE
6	Packing	PTFE
7	Stem	ASTM A182 F316
8	Nut	A194 8
9	Washer	S/S
10	Handle	S/S
11	Gland	ASTM A182 F316
12	Nut	A194 8
13	Bolt	A193 B8

PRESSURE / TEMPERATURE RATINGS FOR TEK FLO WCB/SS (1000 WOG) VALVES WITH RPTFE SEATS

Size mm	Temp °C	-30 °C	0 °C	100°C	180°C	230°C	300°C	350°C	380°C
8 - 50 mm	Pressure	69	69	69	63	48	30	14	7
65 - 80 mm	Bar	50	50	50	50	48	30	14	7

S/S = Stainless Steel

* All measurements are in mm



SPECIFICATION

Hot pressed two piece brass body - nickel plated
Brass ball - hard chrome plated. Body - full bore design
Finished to provide a perfect seal with PTFE seats.

APPLICATION

Bi-directional non-shock services. Designed specifically in compliance with the stringent requirements of gas applications.

FEATURES

- * Anti-blow out stem
- * Brass ball and stem
- * Stainless steel nylok nut
- * European CE approval for gas application
- * Handle marked in Yellow, for GAS standard
- * Heavy pattern body - for high pressure and improved mechanical strength

Code	Size	A	B	C	D	L	DN	PN	SW
112663	8mm (1/4)	44.5	22.0	45.5	85	11	9	40	18,7
112664	10mm (3/8)	45,5	24,5	46.5	85	13	10	40	21.3
112666	15mm (1/2)	53.0	29.5	49.0	100	14	14	40	25.5
112667	20mm (3/4)	58,5	36, 5	52.0	100	15	19	40	31.5
112668	25mm (1)	73.5	44.0	58.0	112	19	22	40	38.0
112669	32mm (1 1/4)	83.0	53. 5	71.0	140	19	21	40	47.5
112671	40mm (1 1/2)	93,5	63,5	76.0	140	20	35	40	54.0
112672	50mm (2)	103,5	75, 5	86.0	165	20	43	40	66.0
	65mm (2 1/2)	116.0	97.0	103.0	235	19	57	30	81.0
	80mm (3)	139.0	114.0	123.0	240	21	69	25	96.0
	100mm (4)	165.0	139.0	135.0	240	27	85	25	120.0

No	NAME	MATERIAL
1	body	brass
2	screw	brass
3	ball	brass
4	o-ring	PTFE
5	stem	brass
6	gasket	PTFE
7	nuts	brass
8	handle	iron
9	nuts	stainless steel

* NB All 8, 10, & 15mm valves will be supplied with a lever handle and /or thumb operated handle

PRODUCT CATALOGUE



DISCLAIMER

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