#SURELINE

PIPE SYSTEMS

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FLUOR LINED VALVES

OUR FULL ASSORMENT

#SURELINE
PIPE SYSTEMS

Full Port Lined Ball Vale

Wafer Type Lined Butterfly valve

Lined Check Valve (Ball Type)

Lined Plug Valve (Jacketed)

Lined Plug Valve (Non Jacketed)

Weir Type Diaphragm Valve

Wafer Type Swing Check Valve

Flush Bottom Tank Valve

Sight Flow Indicator

Lined Filter Strainer 'Y'Type

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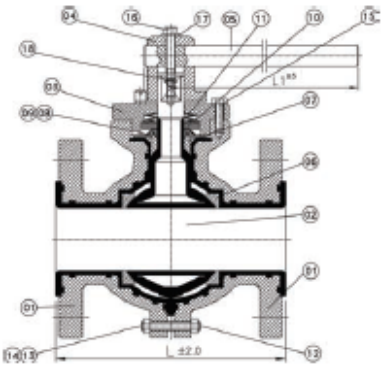
PIPE SYSTEMS

Full port lined ball valve



No.	Description	MOC
1	Lined Side Piece	Ductile Iron / WCB(FEP Lined)†
2	Lined Integral Ball	ASTM A216 Gr.WCB(FEP Lined)†
3	Top Cover	ASTM A216 Gr.WCB
4	Lever Boss	ASTM A216 Gr.WCB
5	Lever Rod	MS
6	Seat Ring	PTFE
7	Sphear Bush	PTFE
8	Flexible Diaphragm	PTFE
9	Diaphragm Backup	S.S.
10	Thurst Washer	MS (Nickel Plated)
11	Disc Spring -nickel Plated	Spring Steel
12	Hex Head Bolt	MS
13	Hex Nut	MS
14	Spring Washer	Spring Steel
15	Hex Head Bolt For Top Cover	MS
16	Hex Head Screw For Lever Boss	S.S.
17	Plain Washer For Lever Boss	S.S.
18	Grub Screw (allen Cap)	MS

† Standard Scope of Supply

Body Material Options :

- Ductile Iron GGG40.3 / ASTM A395
- Cast Steel ASTM A216 Gr.WCB
- ASTM A351 Gr. CF8 / AISI S.S.304
- ASTM A351 Gr. CF8M / AISI S.S.316

Lining Material Options :

- PFA - ASTM D 3307
- FEP - ASTM D 2116
- ETFE - ASTM D 3159
- PVDF - ASTM D 3322
- PP - ASTM D 4101
- HDPE

Technical Specifications :

- Design Standard : BS EN ISO 17292:2004 (Formerly BS 5351)
- Drilling : ASA #150 / DIN 2632/2633 / BS 10 Table D, E or F/Customer Specified.
- Face to Face : ANSI B 16.10 / DIN 3202 / BS EN 558-1/2
- Lining Thickness : 3 to 5 mm
- Testing Standard : BS EN 12266-1&2 (2003)

Salient Features :

- 'Maintenance Free' Glandless Live Load Design
- One Piece Integral Ball Stem Combination
- Minimum Cavity & Full Flow Efficient
- No Backlash in Stem & Ball even after prolonged service.
- Exceptionally Low Torque as compared to Plug Valve.

Dimensional Data :

	SIZE	L[5] (mm)	L1 (mm)	Torque[5] (N.m)
ANSI #150 FLANGED RF	DN15-1/2" DN20-3/4"	140*†	175	14
	DN25-1"	127		
	DN40-1 1/2"	165	235	23
	DN50-2"	178	310	37
	DN65-2 1/2"	203*†	410	55
	DN80-3"	203	405	75
	DN100-4"	228	505	115
	DN150-6"	267	650	225
	DN200-8"	457[@]	G. Box	Consult Factory
	DN250-10"	533[@]	G. Box	Consult Factory

Test & Inspection Data :

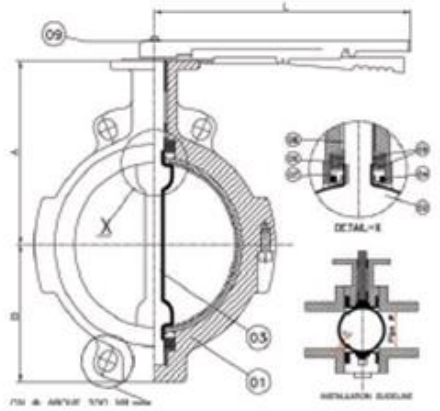
- Hydraulic Test[#] : Body (Shell) - 20 Kg/Cm^2
- Hydraulic Test[#] : Seat - 11 Kg/Cm^2
- Pneumatic Test[#] : Seat - 6 Kg/Cm^2
- Spark Test :15 K.V. D.C

Optional Design/Components :

- Antistatic Clip
- Pneumatic Actuator
- Gear Box

#SURELINE
PIPE SYSTEMS

Wafer Type Lined Butterfly Valve



No.	Description	MOC
1	Wafer Type Body	ASTM A216 Gr.WCB†
2	Body Liner	PFA' / PTFE
3	Disc With Integral Shaft	SS 304 Encapsulated With PFA'
4	Elastomer Backup	Silicon
5	Wedge Ring	PTFE
6	Thrust Washer	S.S.
7	Support Bush	TFM / SS PFA LINED / Coated
8	Guide Bush	S.S. PTFE Coated
9	Lever Assembly	CS

† Standard Scope of Supply

Technical Specifications :

- Design Standard : BS EN 593:2004 (Formerly BS 5155)
- Drilling : ANSI B16.5 / DIN PN10/16
- Face to Face : API 609 / DIN 3202 K1 / BS 5155 / ISO 5752 / BS EN 558-1/2
- Lining Thickness : 3 to 5 mm
- Testing Standard : BS EN 12266-1&2 (2003)

Body / Disc Material Options :

- Cast Steel ASTM A216 Gr.WCB
- ASTM A351 Gr. CF8/S.S.304
- ASTM A351 Gr. CF8M/S.S.316

Lining Material Options :

- PTFE - ASTM D 4895
- PFA - ASTM D 3307
- FEP - ASTM D 2116
- ETFE - ASTM D 3159
- PVDF - ASTM D 3322

Salient Features :

- 'Maintenance Free' High Performance Design
- Bubble Tight Closer provides process efficiency
- Dynamic Live Loaded Seal Design give super safe operation.
- Intact Performance in severe conditions of corrosion, abrasion
- and temperature fluctuation.

Dimensional Data :

Suitable to Mount Between ANSI #150 / PN10-16 Flanges							
SIZE	F/F'(±2) (mm)	A (mm)	B (mm)	L (mm)	Min. Pipe Ø" (mm)	C$ (mm)	Torque' (N.m)
DN40-1 1/2"	33	90	65	260	26	1.5	15
DN50-2"	43	100	67	260	29	1.5	30
DN65-2 1/2"	46	115	65	260	49	1.5	40
DN80-3"	46	120	80	260	68	1.5	40
DN100-4"	52	158	95	260	88	1.5	50
DN150-6"	58'	190	120	325	145	1.5	100
DN200-8"	64'	220	162	G.Box	196	3	180
DN250-10"	70'	250	200	G.Box	245	3	250
DN300-12"	80'	270	232	G.Box	293	3	350
DN350-14"	92'	300	255	G.Box	332	3	500
DN400-16"	102	300	290	G.Box	378	3	600
DN450-18"	114	395	310	G.Box	430	3	1200
DN500-20"	127	420	342	G.Box	480	3	1500
DN600-24"	156'	510	400	G.Box	572	6	2000

Test & Inspection Data :

- Hydraulic Test # : Seat - 11 Kg/Cm2
- Pneumatic Test# : Seat - 6 Kg/Cm2
- Spark Test : 15 K.V. D.C

Optional Design/Components :

- Anti-static Clip
- Gear Box / Actuator
- Unlined Disc – Astm A351 Gr.CF8 / CF3M
- Extended Stem Design
- Lug Type Design

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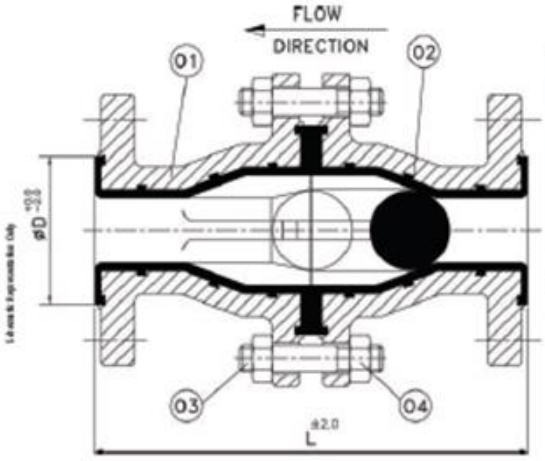
Ball Check Valve



No.	Description	MOC
1	Body With Lining	Ductile Iron GGG40.3 / ASTM A216 Gr. WCB (FEP Lined) †
2	Solid Ball	PTFE
3	Bolt	M.S
4	Nuts	M.S

† Standard Scope of Supply

Installation :

- When Installed Vertically (or upto 60° angle) check valve close automatically because of centre guided ball.
- When Installed Horizontally (90° to 60°), the valve close automatically if the backflow related to water is 1.5 – 2.5 m/sec.
- Full Bore when valve is opened. i.e. Low Pressure Drop condition.

Lining Material Options :

- PFA - ASTM D3307
- FEP - ASTM D2116
- ETFE - ASTM D3159
- PVDF - ASTM D3322

Body / Disc Material Options :

- Ductile Iron GGG40.3 / ASTM A395
- Cast Steel ASTM A216 Gr.WCB
- ASTM A351 Gr. CF8 / S.S.304
- ASTM A351 Gr. CF8M / S.S.316

Technical Specifications :

- Flange : As per ANSI B16.5 / B16.42
- Drilling : ASA #150/DIN 2632/33/ BS 10 TABLE D, E, F
- Face to Face : ANSI B16.10/ DIN 3202/BS EN 558-1&2
- Lining Thickness : 3 to 5 mm
- Testing Standard : BS 6755 (Part 1)

Salient Features :

- Extremely Effective in preventing backflow or back pressure in Vertical Installation.
- Full Size Port for maximum capacity.
- Practically 100% Maintenance Free due to presence of single moving part.
- Fully Lined Design to eliminate surface contact which gives maximum corrosion & contamination resistance

Test & Inspection Data :

- Hydraulic Test # : Body - 15 Kg/Cm²
  Back Seat - 2 Kg/Cm² (Leakage Rate D)
- Spark Test : 15 K.V. D.C

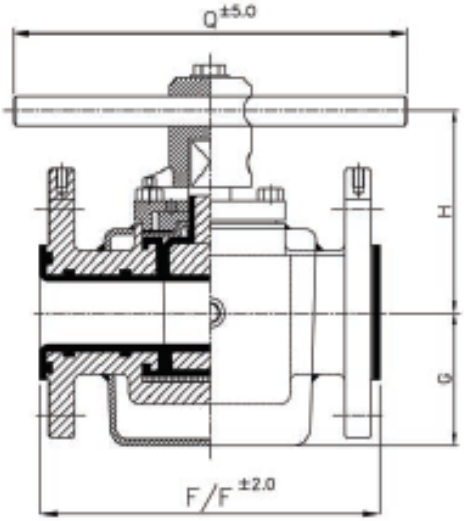
Dimensional Data :

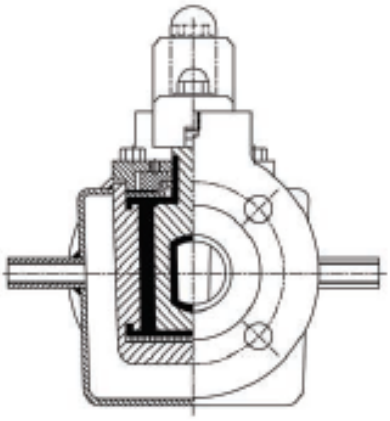
	SIZE	L* (mm)	ØD (mm)	Pressure to Seat (PSI)[1]
ANSI #150 FLANGED RF	DN15-1/2"	108	35	40
	DN20-3/4"[3]	120	35	27
	DN25-1"	127	51	19
	DN40-1 1/2"	165	73	19
	DN50-2"	178*	92	18
	DN80-3"	203*	127	15
	DN100-4"	228*	157	15
	DN150-6"	406	216	11
	DN200-8" €	495	270	Consult Factory
	DN250-10"	622	322	Consult Factory

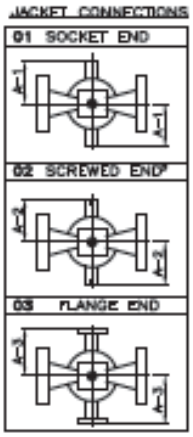
Optional Design/Components :

- Y TYPE [45°] BALL CHECK DESIGN
- HORIZONTAL INSTALLATION KIT

Lined Plug Valve







Body Material Options :

- Ductile Iron GGG40.3 / ASTM A395
- Cast Steel ASTM A216 Gr. WCB
- ASTM A351 Gr. CF8 / S.S.304
- ASTM A351 Gr. CF8M / S.S.316

Lining Material Options :

- PFA - ASTM D3307
- FEP - ASTM D2116
- ETFE - ASTM D3159
- PVDF - ASTM D3322

Technical Specifications :

- Design Standard : BS 5158:1989
- Flange : As per ANSI B16.5 / B16.42
- Drilling : ASA #150/DIN 2632/33/BS 10 TABLE D, E, F
- Lining Thickness : 3 to 5 mm
- Testing Standard : BS EN 12266-1&2 (2003)

Test & Inspection Data :

- Hydraulic Test # : Body (Shell) - 20 Kg/Cm2
  Seat - 10 Kg/Cm2
  Jacket - 10 Kg/Cm2
- Pneumatic Test # : Seat - 6 Kg/Cm2
- Spark Test : 15 K.V. D.C

Dimensional Data :

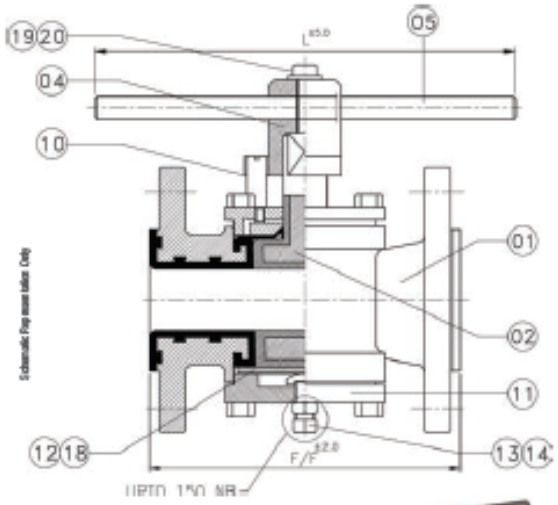
ANSI #150 FLANGED RF							
SIZE	F/F* (±2) (mm)	G (mm)	H (mm)	Q (mm)	A-1 (mm)	A-2 (mm)	A-3 (N.m)
DN15-1/2"	108	70	76	210	135	81	119
DN20-3/4"	118	70	76	210	135	81	119
DN25-1"	127	80	94	270	135	81	119
DN40-1 1/2"	165	90	106	320	135	81	119
DN50-2"	178	110	118	470	141	86	125
DN80-3"	203	120	132	478	150	95	133
DN100-4"	229	145	149	628	160	105	143

Optional Design/Components :

- ANTI-STATIC CLIP
- GEAR BOX
- PNEUMATIC ACTUATOR

* As per BS EN 558 – 2 Table 6, Series-3.
# Testing in accordance with BS EN 12266-1(2003) Table A.3

Lined Plug Valve



No.	Description	MOC
1	Body With Lining	Ductile Iron GGG40.3 / ASTM A216 Gr.WCB (FEP Lined)†
2	Lined Plug	Ductile Iron / WCB (FEP Lined) †
3	Top Cover	Ductile Iron / WCB
4	Lever Boss	ASTM A216 Gr.WCB
5	Lever Rod	M.S
6	Wedge Ring	PTFE
7	Diaphragm	PTFE
8	Diaphragm Backup	S.S.
9	Thrust Washer	S.S.
10	Stopper Pin	WCB/S.S.
11	Bottom Cover	Ductile Iron/WCB
12	Blind Gasket	PTFE
13	Pusher Bolt	S.S.
14	Pusher Nut	S.S.
15	Grub Screw	S.S.
16	Hex Head Bolt	S.S.
17	Hex Head Bolt Washer	S.S.
18	Blind Gasket Backup	S.S.
19	L.boss Bolt & Washer	S.S.

† Standard Scope of Supply

Body Material Options :

- Ductile Iron GGG40.3 / ASTM A395
- Cast Steel ASTM A216 Gr.WCB
- ASTM A351 Gr. CF8 / S.S.304
- ASTM A351 Gr. CF8M / S.S.316

Lining Material Options :

- PFA - ASTM D3307
- FEP - ASTM D2116
- ETFE - ASTM D3159
- PVDF - ASTM D3322

Technical Specifications :

- Design Standard : BS 5158:1989
- Flange : As per ANSI B16.5 / B16.42
- Drilling : ASA #150 /DIN 2632/33 / BS10 TABLE D, E, F
- Lining Thickness : 3 to 5 mm
- Testing Standard : BSEN 12266-1&2 (2003)

Salient Features :

- Cavity Less High Performance Design
- Zero Leakage (Class VI Leakage Rate) due to large sealing area
- Unique Lining makes it Fully Locked from Top, Bottom & Port.
- Totally Maintenance Free Design.

Dimensional Data :

	SIZE	F/F* (mm)	L (mm)	Torque§ (N.m)
ANSI #150 FLANGED RF	DN15-1/2"	108	270	30
	DN20-3/4"	118	270	30
	DN25-1"	127	270	40
	DN40-1 1/2"	165	320	60
	DN50-2"	178	470	75
	DN80-3"	203	478	140
	DN100-4"	229	630	210
	DN150-6"	267	G.BOX	550
	DN200-8"	360	G.BOX	1500
	DN250-10"	360	G.BOX	1500

* As per BS EN 558 – 2 Table 6, Series-3.
# Testing in accordance with BS EN 12266-1(2003) Table A.3
§ Torque measured at △P = 11 Bar at Room Temperature in Wet Condition (Test Media - water).

Test & Inspection Data :

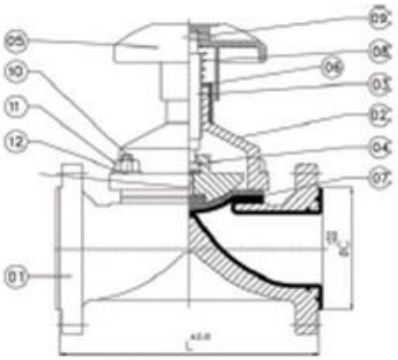
- Hydraulic Test # : Body (Shell) - 20 Kg/Cm²
  Seat - 10 Kg/Cm²
- Pneumatic Test # : Seat - 6 Kg/Cm²
- Spark Test : 15 K.V. D.C

Optional Design/Components :

- Anti-static Clip
- Gear Box
- Pneumatic Actuator
- Jacketed Plug Valve Design
- Sleeved Plug Valve Design

Technical Information subject to change without notice

Diaphragm Valve



No.	Description	MOC
1	Lined Body	Ductile Iron GGG40.3 FEP Lined †
2	Bonnet	Ductile Iron / WCB
3	Spindle	C.S PTFE Coated
4	Compressor Pin Type	Ductile Iron/WCB
5	Handwheel	ABS / Mettalic
6	Opening Indicator Sleeve	HDPE
7	Diaphragm (pin Type)	PTFE Backed With Neoprene Rubber
8	Compression Spring	S.S.
9	Dowell Pin	Spring Steel
10	Stud	S.S.
11	Nut	S.S.
12	Plain Washer	S.S.

† Standard Scope of Supply

Body Material Options :

- Ductile Iron GGG40.3 / ASTM A395
- Cast Steel ASTM A216 Gr.WCB
- ASTM A351 Gr. CF8 / S.S.304
- ASTM A351 Gr. CF8M/ S.S.316

Lining Material Options :

- PFA - ASTM D 3307
- FEP - ASTM D 2116
- ETFE - ASTM D 3159
- PVDF - ASTM D 3322
- PP - ASTM D 4101

Technical Specifications :

- Design Standard : BS EN 13397:2002 (Formerly BS 5156)
- Face to Face : BS 2080, DIN 3202, MSSP 88, EN 558
- Flange : As per ANSI B16.5 / B16.42
- Drilling : ASA #150 /DIN 2632/33 / BS 10 TABLE D, E, F
- Lining Thickness : 3 to 5 mm
- Testing Standard : BS EN 12266-1&2 (2003)

Salient Features :

- IDEAL for Industrial & Corrosive Duties.
- 100% Leak tight (Class VI Leakage Rate) Operation &
- Low Maintenance
- Best performance in Throttling & Flow control applications.
- Complete isolation of working parts from process stream

Dimensional Data :

	SIZE	L[1] (mm)	ØC (mm)	Torque[3] (N.m)
ANSI #150 FLANGED RF	DN15-1/2"	108	35	80
	DN20-3/4"	117	43	85
	DN25-1"	127	51	115
	DN40-1 1/2"	159	73	155
	DN50-2"	190	92	155
	DN65-2 1/2"	216	104	190
	DN80-3"	254	127	200
	DN100-4"	305	158	245
	DN125-5"	353	185	300
	DN150-6"	406	214	360
	DN200-8"	520	266(min)	Available on
	DN250-10"	635	320(min)	Request

Test & Inspection Data :

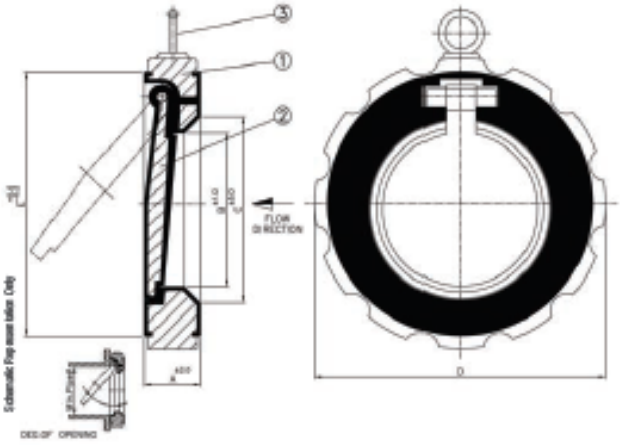
- Hydraulic Test # : Body (Shell) - 15 Kg/Cm^2
  Seat - 11 Kg/Cm^2
- Pneumatic Test# : Seat - 6 Kg/Cm^2 (Class VI Sealing)
- Spark Test : 15 K.V. D.C

Optional Design/Components :

- EPDM DIAPHRAGM BACKUP
- METALLIC HANDWHEEL
- SPINDLE - SS 304/316/410
- PNEUMATIC ACTUATOR
- STRAIGHT THROUGH (KB TYPE) DESIGN

#SURELINE
PIPE SYSTEMS

Wafer Type Swing Check Valve



No.	Description	MOC
1	Body With Lining	Ductile Iron GGG40.3 / ASTM A216
		Gr.WCB (FEP Lined) †
		(FEP Lined) †
2	Lined Disc	Ductile Iron GGG40.3 (FEP Lined) †
3	Eye Bolt	C.S (Zinc Plated)

† Standard Scope of Supply

Special Installation Instruction :

Use PTFE Retainer Ring if connecting pipe ID is greater than Max. Inner Pipe Ø mentioned in below table. In such case retainer ring ID shall be equal to max. pipe ID required for respective size.

Body Material Options :

- Ductile Iron GGG40.3 / ASTM A395
- Cast Steel ASTM A216 Gr. WCB
- ASTM A351 Gr. CF8 / S.S.304
- ASTM A351 Gr. CF8M / S.S.316

Lining Material Options :

- PFA - ASTM D3307
- FEP - ASTM D2116
- ETFE - ASTM D3159
- PVDF - ASTM D3322

Technical Specifications :

- Design Standard : BS EN 593:2004 (Formerly BS 5155)
- Flange : As per ANSI B16.5 / B16.42
- Face to Face : ANSI B16.10 / DIN 3202 K1 / BS 5155/ ISO 5752 / API 609 / BS EN 558 – 1&2
- Lining Thickness : 3 to 5 mm
- Testing Standard : BS EN 12266-1&2 (2003)

Salient Features :

- Ideal Replacement to costly high alloy valves.
- No Spring or Pin – No Corrosion or Wear & Tear
- Low Pressure Drop
- Special Liner Locking System to hold liner securely in position.

Dimensional Data :

SUITABLE TO MOUNT BETWEEN ANSI #150 FLANGES								
SIZE	A† (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Inner Pipe Ø Min.	Inner Pipe Ø Max.	Max. Opening
DN40-1 1/2"	33	20	35	95	70	35	46	52°
DN50-2"	43	30	52	110	90	46	56	52°
DN80-3"	46	42	64	142	124	73	82	52°
DN100-4"	52	65	80	180	152	95	100	60°
DN150-6"	56	111	128	233	207	145	150	60°
DN200-8"	60	133	175	295	260	192	195	60°
DN250-10"	68	184	224	348	317	242	260	52°
DN300-12"	78	232	272	398	367	292	310	52°
DN350-14"	92	252	297	426	397	315	330	48°
DN400-16"	102	327	370	510	470	380	390	45°

† As per BS EN558-2, Table-5, Series-20
# Testing in accordance with BS EN 12266-1 (2003) Table A.3

Test & Inspection Data :

- Hydraulic Test # : Body - 15 Kg/Cm2
  Back Seat - 2 Kg/Cm2

△P (psi)	Leakage Rate
0 – 40	5-10 cc/min
41 – 74	3-5 cc/min
75 & Above	0 cc/min

- Spark Test : 15 K.V. D.C Spark Test

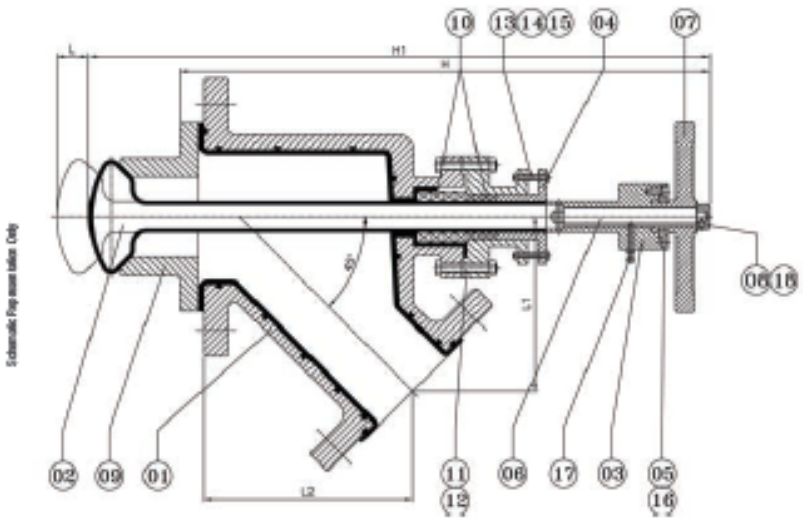
Optional Design/Components :

- PTFE SOLID RETAINER RING

#SURELINE

PIPE SYSTEMS

Flush Bottom Tank Valve



No.	Description	MOC
1	Body	Ductile Iron GGG 40.3 / ASTM A216 Gr. WCB (FEP Lined) †
2	Spindle	ASTM A216 Gr.WCB / EN8 (FEP Lined) †
3	Bonnet	Ductile Iron
4	Gland	Ductile Iron / A216 Gr.WCB
5	Locking Plate	M.S
6	Ext. Spindle Screw	M.S
7	Hand Wheel	C.I. (Gr.25)
8	End Cap	M.S
9	Valve Seat	GFT
10	Gland Packing	PTFE
11	Hex. Head Screw	S.S
12	Spring Washer	S.S
13	Hex. Head Screw	S.S
14	Hex Nut	S.S
15	Spring Washer	S.S
16	Al. Cap Screw	S.S
17	Hex Head Screw & Nut	S.S
18	Al. Soc. Grub Screw	S.S

† Standard Scope of Supply

Body Material Options :

- Ductile Iron GGG40.3 / ASTM A395
- Cast Steel ASTM A216 Gr.WCB

Lining Material Options :

- PFA - ASTM D 3307
- FEP - ASTM D 2116

Technical Specifications :

- Flange : As per ANSI B16.5 / B16.42
- Lining Thickness : 3 to 5 mm

Test & Inspection Data :

- Hydraulic Test* : Seat - 10 Kg/Cm2
- Pneumatic Test* : Seat - 6 Kg/Cm2
- Spark Test : 15 K.V. D.C

Dimensional Data :

	SIZE (NB)	H*	H1	L	L1	L2
ANSI #150 FLANGED RF	50 x 40	430	486	40	112	164
	80 x 50	455	545	30	124	164
	100 x 80	500	575	55	145	176
	150 x 100	615	650	40	191	231

All dimensional data are subject to Technical Revision.
*# As per Manufacturer's Standard.

Optional Design/Components :

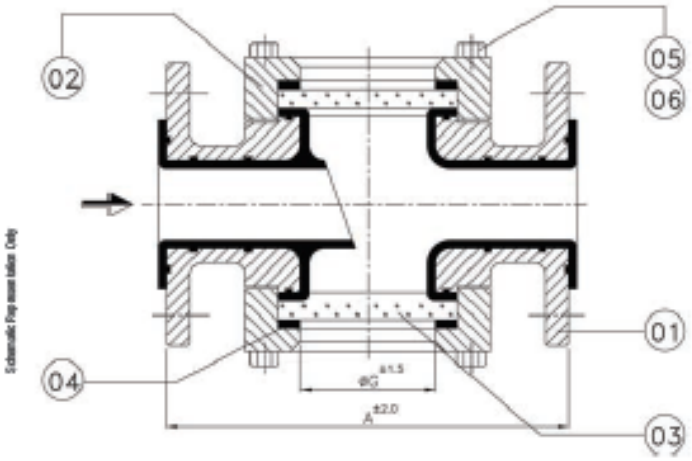
- TENTALUM TIP WITH RTD SENSOR
- PNEUMATIC ACTUATOR
- DOWN TO OPEN DESIGN

Technical Information subject to change without notice

#SURELINE

PIPE SYSTEMS

Sight Flow Indicator



Schematic Representation Only

No.	Description	MOC
1	Body With Lining	Ductile Iron GGG40.3 /ASTM A216 Gr.WCB (FEP Lined) †
2	Cover Plate	Ductile Iron GGG 40.3 /ASTM A216 Gr.WCB
3	Glass	Toughen Glass
4	Cushion	PTFE
5	Bolts	M.S (Zinc Plated)
6	Nuts	M.S (Zinc Plated)

† Standard Scope of Supply

Body Material Options :

- Ductile Iron GGG40.3/ ASTM A395
- Cast Steel ASTM A216 Gr.WCB
- ASTM A351 Gr. CF8 / AISI S.S.304
- ASTM A351 Gr. CF8M / AISI S.S.316

Lining Material Options :

- PFA - ASTM D3307
- FEP - ASTM D2116
- PVDF - ASTM D3322
- PP - ASTM D4101

Technical Specifications :

- Flange : As per ANSI B16.5/ B16.42
- Face to Face : DIN 3202
- Lining Thickness : 3 to 5mm

Salient Features :

- Drip Tube Indication
- Inert to a wide range of Corrosive Chemicals
- Eliminates need of using expensive, exotic alloys.

Dimensional Data :

	SIZE	A*(mm)	ØG (mm)
ANSI #150 FLANGED RF	DN 25-1"	160	45
	DN 40-1 1/2"	200	60
	DN 50-2"	230	70
	DN 80-3"	310	98
	DN 100-4"	350	125
	DN 150-6"	480	175
	DN 200-8"	600	216

* As per Manufacturer's Standard

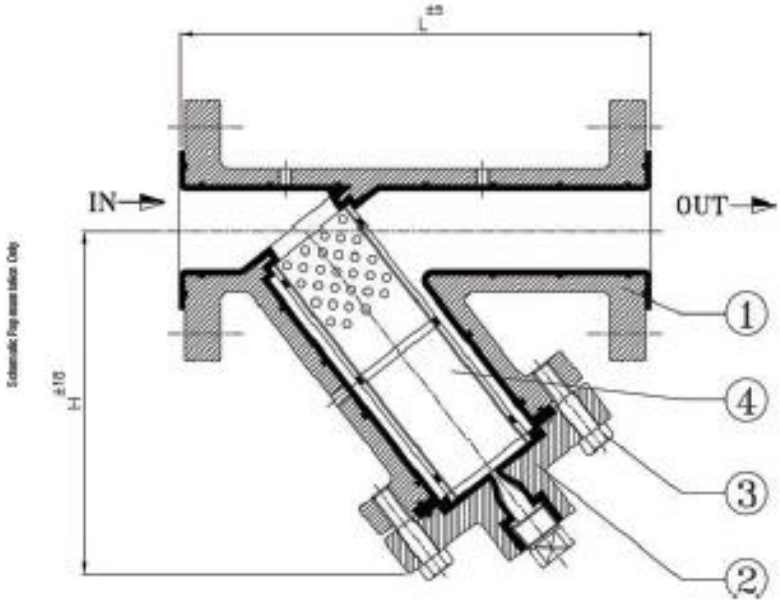
Test & Inspection Data :

- Hydraulic Test : Body (Shell) - 15 Kg/Cm^2
- Spark Test : 15 K.V. D.C

Optional Design/Components :

- FULL VIEW (GLASS TUBE) DESIGN

Wafer Type Swing Check Valve



No.	Description	MOC
1	Body With Lining	Ductile Iron GGG 40.3 / C.I. (FEP Lined) †
2	End Cover	Ductile Iron GGG 40.3 / C.I. (FEP Lined) †
3	Stud/Nut	S.S
4	Filter Element	PTFE / PFA
5	Drain Plug	PTFE / PFA

† Standard Scope of Supply

Body / Disc Material Options :

- Ductile Iron GGG40.3 / ASTM A395
- Cast Steel ASTM A216 Gr. WCB

Lining Material Options :

- PFA - ASTM D 3307
- FEP - ASTM D 2116

Technical Specifications :

- Flange : As per ANSI B16.5 / B16.42
  Drilling : ASA #150 / DIN 2632/33 / BS 10 TABLE D, E, F
- Lining Thickness : 3 to 5 mm
- Degree of Filtration : Ø1mm Perforated PTFE Filter

Dimensional Data :

	SIZE	L* (mm)	H (mm)	Flow Area◆
ANSI #150 FLANGED RF	DN25-1"	190	128	3.0X[4]
	DN40-1 1/2"	260	190	3.0X
	DN50-2"	284	203	3.0X
	DN65-2 1/2"	305	235	3.0X
	DN80-3"	348	257	2.6X
	DN100-4"	415	307	2.6X
	DN150-6"	508	410	2.0X
	DN200-8"	650	515	2.0X

*# As per Manufacturer's Standard $ X times of Inlet Flow Area
◆ Filter Element Flow Area for Ø1mm perforated filter element

Test & Inspection Data :

- Hydraulic Test # : Body (Shell) - 20 Kg/Cm2
- Spark Test : 15 K.V. D.C

Optional Design/Components :

- 'Y' TYPE STRAINER WITH DRAIN BALL VALVE
- BASKET TYPE STRAINER
- 'T' TYPE STRAINER

#SURELINE

PIPE SYSTEMS

MB Plastics Europe BV
Vloeiveld 12
5126 RG Gilze
The Netherlands
Tel. +31 (0) 161454677
www.mbplastics.nl
info@mbplastics.nl