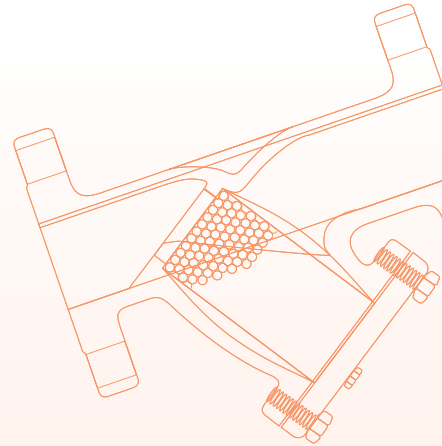


# STRAINERS AND SIGHT GLASSES



**AUSTRALIAN  
PIPELINE VALVE®**

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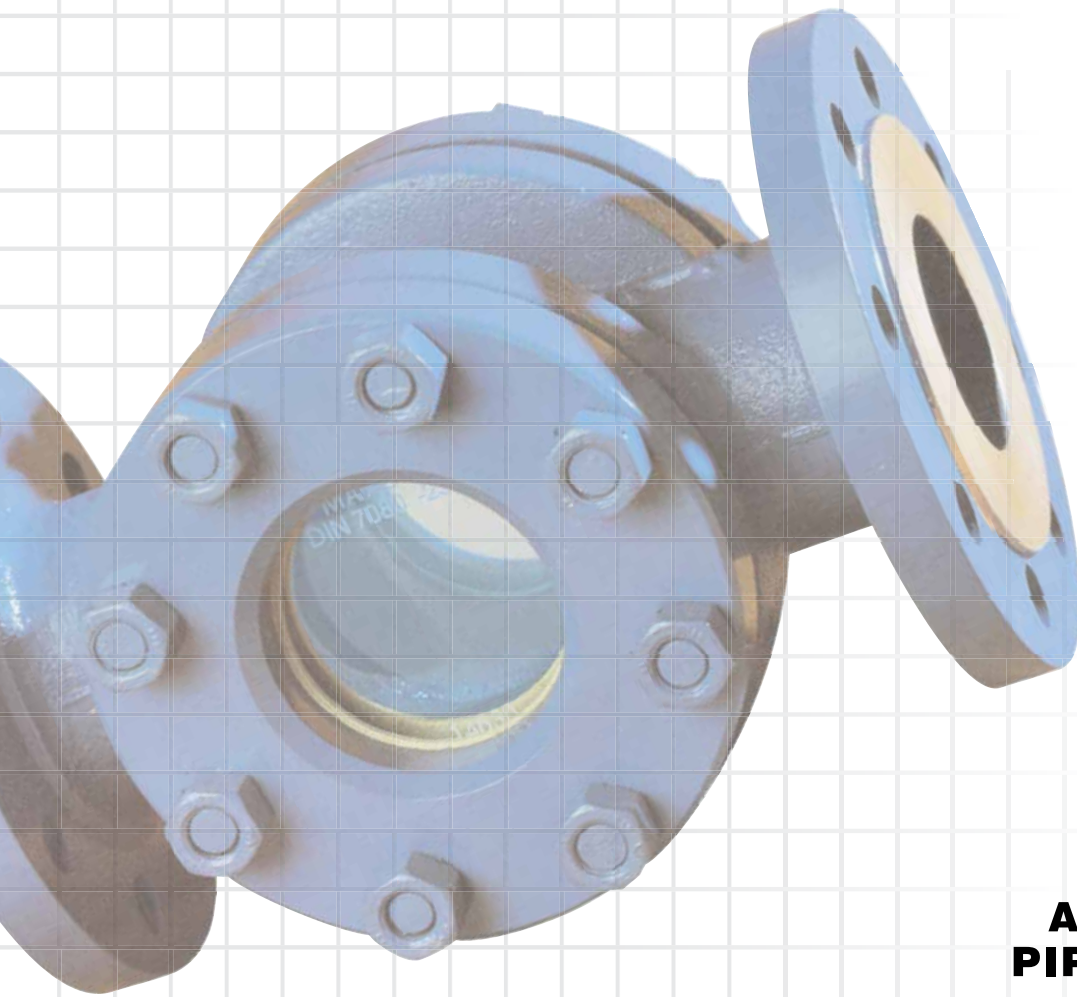
# QUALITY VALVE MANUFACTURER

## QUALITY COMMITMENT

*Quality is Our First Priority.*

*Consistent product quality and a proven track record makes Australian Pipeline Valve a dependable choice for cast Gate, Globe and Check Valves, where total reliability is the number one concern.*

*Since its founding, APV's philosophy has been focused on quality. Our valves are manufactured in full compliance to worldwide standards (such as ASME, ANSI, API 6D, API 600, EN, ISO, BS, AS).*



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## SIGHT GLASS / FLOW INDICATOR

### MODEL SLSG 150~600LB INTEGRAL FLANGED



Model SLSG125CI (Iron) Model SLSG150CS (Steel) Model SLSG150SS (S/S)

#### PRESSURE RATINGS

Available up to ANSI 600 Class.

Standard steel/SS flanged sight glass is 1378 kPa (200 PSI) CWP (maximum temp 200°C). The iron body sight glass (screwed and flanged) is only rated to 1000 kPa.

#### APPLICATIONS

Water, oil water, air and gas. If borosilicate glass is fitted then saturated steam up to 1584 kPa (230 PSI) at 200°C can be accommodated.

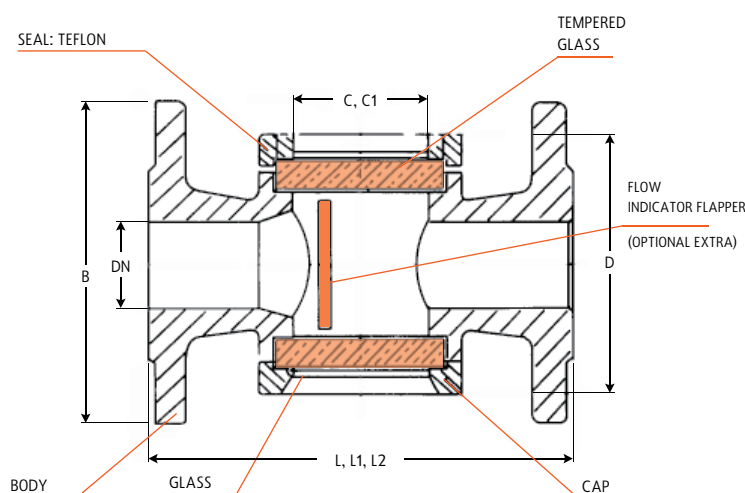
For corrosive/abrasive fluids check material grades for compatibility, this is purchaser's responsibility and if for such an application you must state in writing.

#### LININGS

Special linings, coatings on request.

#### END CONNECTIONS

Available in screwed ends (NPT, BSP) and flanged in drilling to suit AS Table D & E, EN, ISO, ASME 125, 150, 300. Our standard model is not full ANSI class 150 rated.



#### DIMENSIONS (MM) FLANGED SIGHT GLASS 150LB

Size (mm)	15	20	25	40	50	65	80	100	150	200
Size (inch)	0.5	0.75	1	1.5	2	2.5	3	4	6	8
L	130	130	130	166	180	230	240	260	390	600
L1	135	135	170	174	200	245	270	320	420	
L2	130	150	160	200	230	290	310	350	480	
B	89	98	108	127	152	178	191	229	280	343
D	60	70	89	98	120	140	152	191	241	298
C	32	39	43	50	60	80	80	110	160	160
* C1	40	50	50	65	80	104	125	125	175	175
WT. Kg	3	4	5	8	10	14	19	25	45	70

\* Reduced glass size option shown (C1)

#### DIMENSIONS (MM) FLANGED SIGHT GLASS 300LB

Size (mm)	15	20	25	40	50	65	80	100	150	200
Size (inch)	0.5	0.75	1	1.5	2	2.5	3	4	6	8
L	149	149	175	191	219	289	289	337	543	568
B	95	117	124	156	165	191	210	254	318	381
D	67	83	89	114	127	149	168	200	270	330
C	32	32	35	51	54	81	81	108	159	159
WT. Kg	5	5	9	12	17	32	32	68	122	159

600LB available up to 80NB 3", refer to drawing.

## SIGHT GLASS / FLOW INDICATOR - MODEL SLSG

### BILL OF MATERIALS (SCREWED AND FLANGED UNITS)

Components	Iron	CF8 SS *2	CF8M SS *2	Cast Steel
Body	FC20	CF8 or 304	CF8M or 316	Carbon Steel
Window Bonnet/Cap *3	FC20	CF8 or 304	CF8M or 316	Carbon Steel
Glass	Glass	Borosilicate	Borosilicate	Borosilicate
Bolting	Steel	S/S	S/S	Steel or B7
Sight Indicator Flapper *1	Steel	S/S	S/S	Steel
Gasket	Non Asbestos	Teflon	Teflon	Teflon or Spiral Wound

\*1 Optional, can also be supplied with a nylon ball on request. \*2 Can also be equivalent grade i.e. SCS13, SCS14. \*3 In smaller sizes the cover is usually screwed.

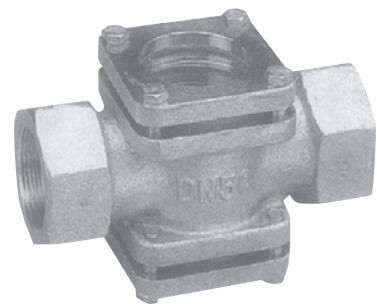
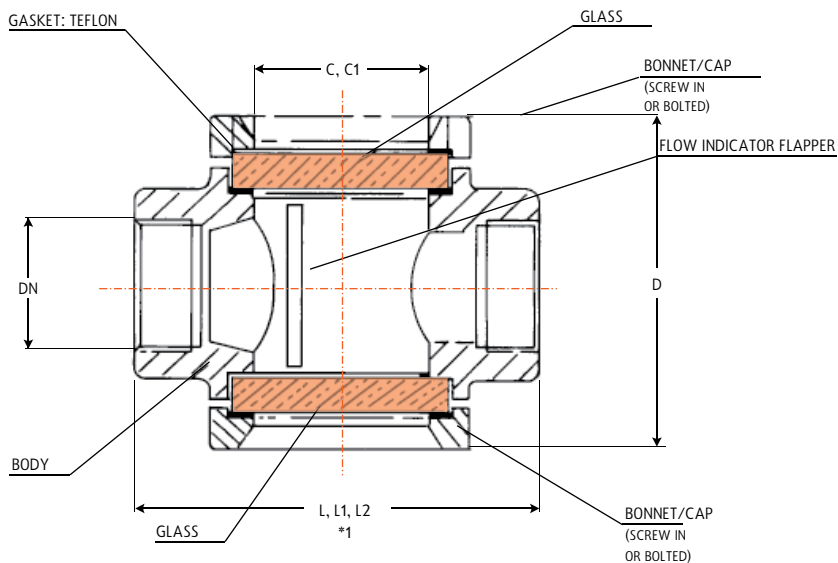


SLSG-L



Model SLSG-S

Up to 50 NB 3000 PSI (20 Bar) available!



SLSG-SLF3

### DIMENSIONS SCREWED SIGHT GLASSES (MM)

Size (mm)	10/15	20	25	32	40	50
Size (inch)	0.5	0.75	1	1.25	1.5	2
L	112	112	112	145	145	168
L1	180	113	120	125	135	145
L2	120	120	138	150	150	180
D	70	90	90	120	120	140
C	24	30	30	42	42	55
C1	40	50	50	65	65	80
WT. Kg	1.5	2	2	4	4	6.5

\* 1 Available in short, regular & long pattern



# COMBINATION SIGHT GLASS/ CHECK VALVE MODEL SG187L FLANGED 150~600LB

## Design

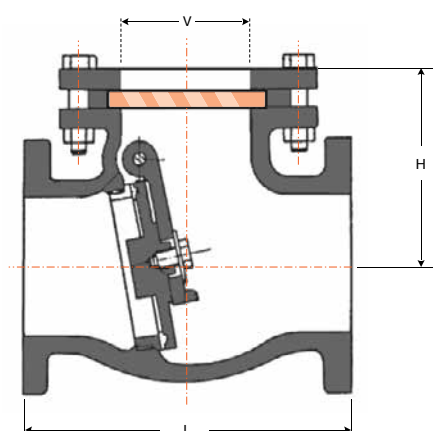
Bolted Bonnet, Full Bore metal to metal seating  
For Horizontal or Vertical (upward flow) Lines  
Swing Type, API 6D or BS 1868  
Renewable Seat Ring

## Flanging

ASME 150 to 600 class flanged ends, raised face, serrated finish. Also available in AS 2129 Table D to H, AS 4087 and ISO 7005-1 PN 10 to 35.

## Overview

Single sided sight glass combination swing check  
(flapper serves as flow indicator as well as check valve)



## Features

Fully integral body  
Patented shatter resistant carbonate sheet (30 times the impact strength of normal acrylic). Borosilicate may be used in some situations.

## BILL OF MATERIAL

Description	Carbon Steel	Stainless
Body	A216 WCB	A351 Gr. CF8, CF8M
Cover	A216 WCB	A351 Gr. CF8, CF8M
Disc	WCB - CR13 SS	A351 Gr. CF8, CF8M
Hinge	CR13 SS	A351 Gr. CF8, CF8M
Hinge Pin	CR13 SS	A182 Gr. F304, F316
Plug	A105	A193 Gr. B8, B8M
Cover Bolt	A193 B7	A193 Gr. B8
Cover Nut	A194 2H	A194 Gr. 8F
Disc Nut	A194 2H	A194 Gr. 8, 8M
Washer	Steel	A276 Type 304, 316
Bonnet Gasket	Spiral 316 + Gr. 7	Teflon or Spiral SS + Gr. 7
Seat (Integral)	A105 + Stellite	A351 Gr. CF8, CF8M
Glass	MR5 Carbonate Sheet	MR5 Carbonate Sheet
Standards	Face to Face / End to End	ANSI B16.10
	Flange Dimensions	ANSI B16.5
	Basic Design	ANSI B16.34
	Testing & Inspection	API 598

Suitable for water, oil, gas etc up to 215°C or (300°C only with borosilicate or mica glass).  
Pressure limitations apply as temperature increases, consult us if over 50°C.

## DIMENSIONS 150LB

Size (mm)	25	40	50	65	80	100	125	150	200	250	300*2
Size (in)	1"	1.5"	2"	2.5"	3"	4"	5"	6"	8"	10"	12"
L. Face to Face RF	127	165.1	203.2	215.9	241.3	292.1	330	355.6	495.3	622.3	698.5
H. Valve Height	76.2	76.2	101.6	127	127	152.4	170	228.6	254	304.8	355.6
Weight (Kg)	22	33	50.6	70.4	101.2	154		288.2	506	528	1100
V. Viewing Diameter*1	25	45	50	65	80	100	100	180	125	130	140

\*1 Larger diameter on request

\*2 300NB Class 150 is not full ANSI CWP rated, see adjacent table.

## MM & KG



Mechanically pre-stressed fused metal ring with encapsulated borosilicate glass insert option up to 600 class.

## DIMENSIONS 300LB

Size (mm)	25	40	50	65	80	100	150*	200*
Size (in)	1"	1.5"	2"	2.5"	3"	4"	6"	8"
L. Face to Face RF		241.3	266.7	292.1	317.5	355.6	444.5	533.4
H. Valve Height		127	152.4	152.4	177.8	177.8	228.6	279.4
Weight (Kg)		57.2	70.4	112.2	160.6	242	466.4	770
V. Viewing Diameter	25	40	50	55	65	80	100	100

\*150NB & 200NB Class 300 are not full ANSI rated CWP see adjacent CWP table.

## MM & KG

## DIMENSIONS 600LB

Size (mm)	15	20	25	40	50
Size (in)	0.5"	0.75"	1"	1.5"	2"
L. Face to Face RF	165	190	216	241.0	292.0
H. Valve Height	58	68	78	84.0	120.0
Weight (Kg)	3	4.6	7.0	13.0	33.0
V. Viewing Diameter	25	25	25	25	25

In 15NB to 20NB a male threaded integral sight glass bonnet inset is used - refer to drawing.

## MM & KG

## NOTICE ON TEMPERATURE AND APPLICATION OF GLASS INSERT

Sight Indicators fitted with standard MR5 glass should not be used on temperatures over 230°C. As with all materials, the pressure rating of these sight indicators will be reduced as the temperature increases above 40°C, it is essential you consult us if your application is for high temperature and/or pressure service. It is essential you ensure the ANSI rating you order is suitable for the maximum pressure of your service. Note Class 150 300NB and 300 Class 150NB & 200NB are not full ANSI rated see CWP table above. For temperatures to 300°C we would offer Borosilicate or mica glass. We also supply borosilicate glass if application is for chemical service such as ketones, halogenated hydrocarbons, esters, aromatic hydrocarbons, aliphatic hydrocarbons, acids, amines, high concentration of alkalis & any other fluids not compatible with carbonated perspex. Please state your application.

## COLD WORKING PRESSURE

(note at higher temperature, pressure rating decreases)

150LB up to 250NB:- 285 PSI  
300LB up to 125NB:- 740 PSI  
150LB 250NB to 300NB:- 250 PSI  
300LB 150NB to 200NB:- 500 PSI (Table H)  
600LB 15NB to 50NB:- 1440 PSI

If a higher pressure is required you must specify in writing on your inquiry and your order.

The catalogue is general in its nature and design and can vary at any time. This catalogue is to be used as a guide only.

## Y-TYPE STRAINER SLCI-8111 SERIES

CAST IRON, FLANGED TO SUIT 125LB ANSI B16.5 & AS/BS TABLE D, E, PN10/PN16

Flanged to Suit 125LB ANSI B16.5, AS 2129 Table D, E / AS 4087 / ISO 7005-1 / AS 4331.1 PN10~21. Y-Type cast strainers are manufactured with Heavy Duty Spot welded stainless steel punched screens. Suitable for water, oil & numerous fluid applications. Flowturn strainers have 10 times the open area of the nominal pipe bore. Multiply this by the 'open area' of the screen size to calculate total open area. On average, this gives Flowturn strainers 3 to 4 times the pipe bore open area when using standard hole perforation sizes.

**Design:** ASTM F1200-88, BSEN 1074, ANSI B16.1, EN 12266-1.

**Service Recommendations:** These strainers are designed for long service. Installation of a strainer before any automatic equipment will ensure trouble free service and avoid the costly repairs or replacements so often caused by the introduction of foreign matter in pipe lines.

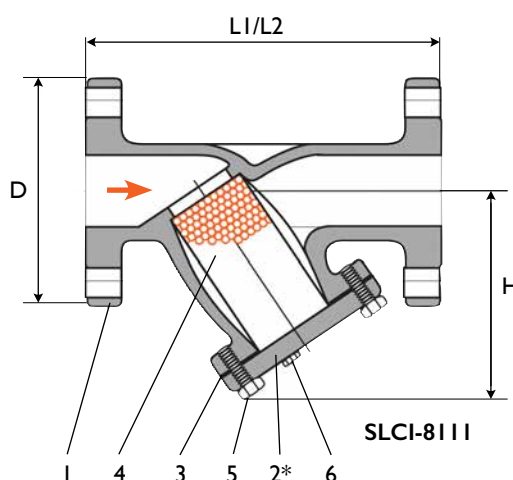
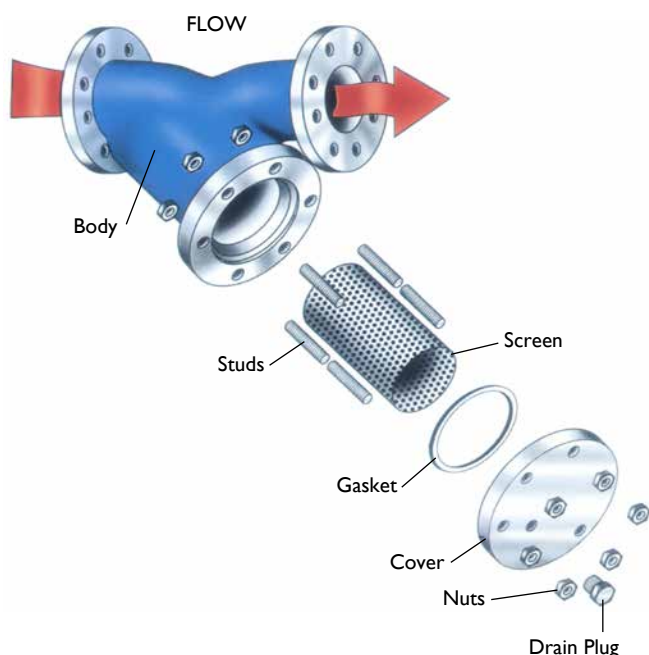
**Features:** All sizes feature a bolted cover, as illustrated. Covers normally furnished with blowoff plug.

**Screens:** Heavy gauge perforated stainless steel normally furnished with spot welded seams.

**Flanging:** Available in: ANSI B16.5, AS 2129 Table D/E, AS 4087/AS 4331.1/EN 1092-2/ISO 7005-1 PN10~16 (PN25 and 250LB also available in ductile iron & carbon steel).



SLCI-8111



SLCI-8111

### FLOW RATE

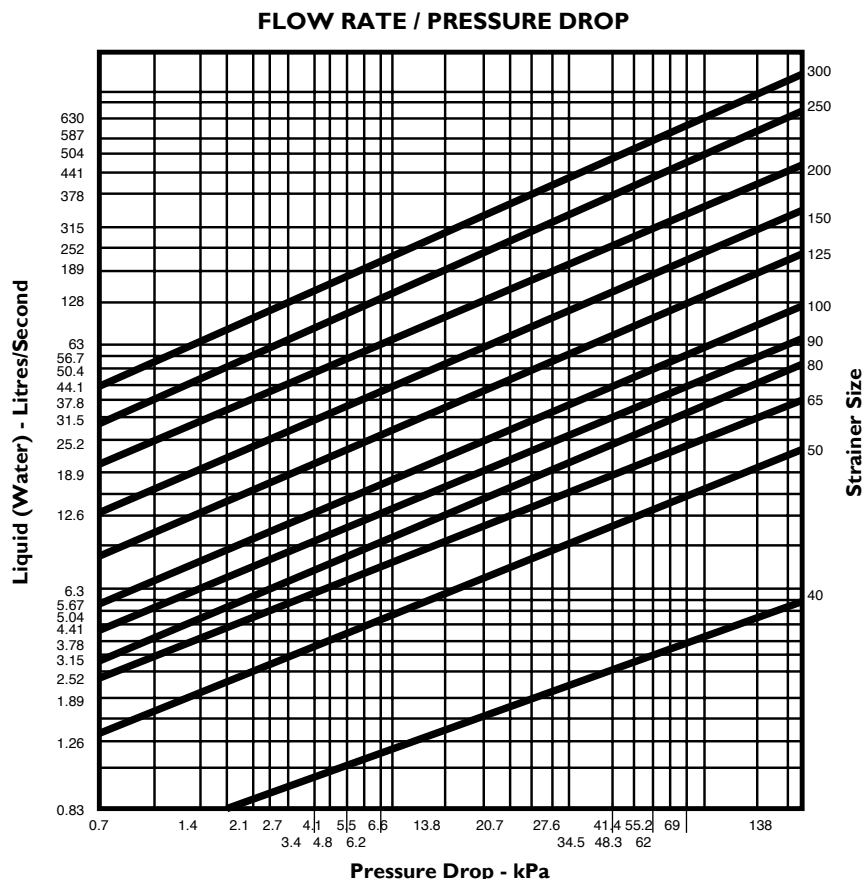
Nom. Bore	Flow in L/sec at pressure drop of		
	3.5kPa	14kPa	34kPa
50	4.5	7.95	12.25
65	6.5	12.5	19.70
80	9.5	19.32	30
100	14.75	29.5	47.75
125	23.9	48.5	83
150	33.75	67	106

### MATERIALS LIST

No	Parts Name	Cast Steel
1	Body	Cast Iron
2	Cover	Cast Iron
3	Gasket	NBR/EPDM/PTFE
4	Screen	SS304/316
5	Bolting	Steel
6	Drain Plug	Steel

## Y-TYPE STRAINER SLCI-8111 SERIES

CAST IRON, FLANGED TO SUIT 125LB ANSI B16.5 & AS/BS TABLE D, E, PN10/16



### FLOW CHARACTERISTICS

Pressure drop in this chart has been calculated using a strainer with 1.6mm hole element on clean water. When the strainer element is partially blocked the pressure drop incurred will be inversely proportional to the area remaining clean

### DIMENSIONS (MM)

### ANSI - 125 FLANGED SLCI-8111 - 125

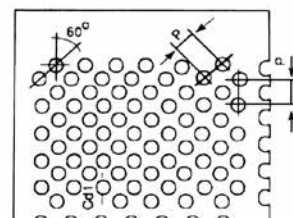
Inch	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"
Size	40	50	65	80	100	125	150	200	250	300	350	400	450	500
D	127	152	178	190	229	254	279	343	406	483	535	597	635	700
L1	192	241	267	290	378	442	534	572	660	770	949	940		
L2	190	250	250	250	350	390	470	543	640	762	780			
H	150	160	200	210	260	310	380	450	530	690	840			
Weight (Kg)	19	19	18	20	40	60	80	120	186	274	370	556		

For PN10/14/16/21 and AS Table D, E, F refer to drawing.

### AVAILABLE SCREEN TYPES (SS MESH)

*Nominal Size	Perforation "CD1"	Pitch of Holes (P)	Screen Thickness	Approx Mesh Size	% Open Area	Micron Count
25mm to 50/65mm	1.0 to 1.15*	2.0	0.4	# 20	36 %	
50/80mm to 150mm	2.0 to 3.18*	3.5	0.5	# 5	48 %	
200mm to 250mm	3.0 to 3.18*	4.5	0.6	# 6	42 %	

\* Only a guide, will vary all sizes on request.



### PRESSURE/TEMPERATURE

As per maximum pressure/temperature ratings indicated in relevant AS/BS/EN/ISO/ASME flange standard. Maximum Temp 220°C (pressure limitations apply at maximum temperature). All strainers are tested to 1.5 times the maximum working pressure. If for high temperature application you must advise so we can use high temperature gasket.



## Y-TYPE STRAINER SLCI-8111-25 SERIES

### DUCTILE IRON/STEEL PN25 FLANGED & RATED

Y-Type cast strainers are manufactured with Heavy Duty spot welded stainless steel punched screens. Suitable for water, oil & numerous fluid applications. Flowturn strainers have 10 times the open area of the nominal pipe bore. Multiply this by the 'open area' of the screen size to calculate total open area. On average, this gives Flowturn strainers 3 to 4 times the pipe bore open area when using standard hole perforation sizes.

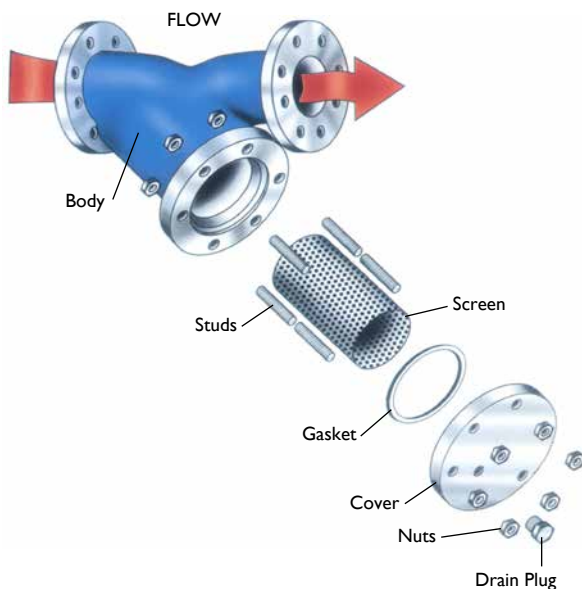
**Service Recommendations:** These strainers are designed for long service. Installation of a strainer before any automatic equipment will ensure trouble free service and avoid the costly repairs or replacements so often caused by the introduction of foreign matter in pipe lines.

**Features:** All sizes feature a bolted cover, as illustrated. Covers normally furnished with blowoff plug. Epoxy coated internal & external.

**Screens:** Heavy gauge perforated stainless steel normally furnished with spot welded seams.

**Flanging:** Available in: PN25 - AS 4331.1/EN 1092-2/ISO 7005-1, PN21 - AS 4087, PN35\* - AS 4087 (PN25 rated, PN35 drilled), Table F - AS 2129.

\*For true PN35 rating, refer 300 class WCB Flowturn strainer which can be supplied Flanged to suit PN35



SLCI-8111-25

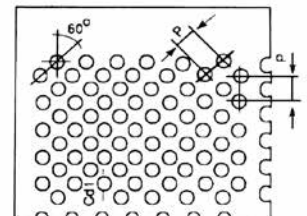
### Pressure Drop

When the strainer element is partially blocked the pressure drop incurred will be inversely proportional to the area remaining clean.

### AVAILABLE SCREEN TYPES (SS MESH)

*Nominal Size	Perforation "CD1"	Pitch of Holes (P)	Screen Thickness	Approx Mesh Size	% Open Area	Micron Count
25mm to 50/65mm	1.0 to 1.15*	2.0	0.4	# 20	36 %	
50/80mm to 150mm	2.0 to 3.18*	3.5	0.5	# 5	48 %	
200mm to 250mm	3.0 to 3.18*	4.5	0.6	# 6	42 %	

\* Only a guide, will vary all sizes on request.



### PRESSURE/TEMPERATURE

PN25 rated, maximum cold working pressure 2.5 mPa. Maximum Temp 220°C (pressure limitations apply at maximum temperature). All strainers are tested to 1.5 times the maximum working pressure. If for higher temperature application you must advise so we can use high temperature gasket.

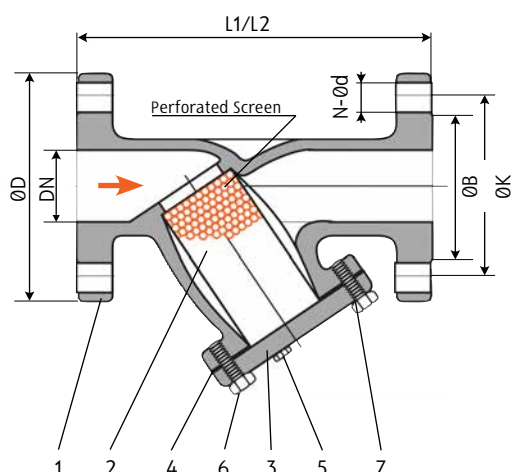
## Y-TYPE STRAINER INTEGRAL DUCTILE IRON/STEEL MODEL SLCI-8111-25

### DIMENSIONS (MM) DUCTILE IRON (50~300NB)

Size	L	ØB	ØD	ØK	c	n-Ød
50	210	99	165	125	19	4-Ø19
65	225	118	185	145	19	8-Ø19
80	240	132	200	160	19	8-Ø23
100	280	156	235	190	19	8-Ø23
125	345	184	270	220	19	8-Ø28
150	395	211	300	250	20	8-Ø28
200	500	274	360	310	22	12-Ø28
250	542	330	425	370	24.5	12-Ø31
300	650	389	485	430	27.5	16-Ø31

### BILL OF MATERIALS (DUCTILE IRON)

No.	Name of part	Material
1	Body	Ductile Iron (EN GJS 500-7)
2	Screen	Stainless Steel (AISI 304)
3	Bonnet	Ductile Iron (EN GJS 500-7)
4	O-Ring	NBR/PTFE
5	Plug	Steel
6	Bolt	Steel
7	Washer	Steel



### DIMENSIONS (MM) CARBON STEEL (350~600NB)

Size	L	ØB	ØD	ØK	c	n-Ød
350	900	448	555	490	30	16-Ø34
400	1000	503	620	550	32	16-Ø37
450	1100	548	670	600	34.5	20-Ø37
500	1250	609	730	660	36.5	20-Ø37
600	1450	720	845	770	42	20-Ø40

### BILL OF MATERIALS (CARBON STEEL)

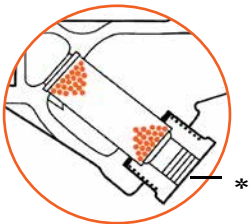
No	Name of part	Material
1	Body	Carbon Steel (C22)
2	Screen	Stainless Steel (AISI 304)
3	Bonnet	Carbon Steel (C22)
4	O-Ring	Rubber (NBR)
5	Plug	Carbon Steel (Galvanised)
6	Bolt	Carbon Steel (Galvanised)
7	Washer	Carbon Steel (Galvanised)

## Y-TYPE STRAINER INTEGRAL CAST STEEL MODEL SL-8111 - FLANGED ANSI 150 TO 2500 CLASS

**Overview:** Y-Type cast strainers in WCB, CF8, CF8M, A20, Duplex, Super Duplex, monel, etc.. Heavy Duty spot welded S/S screens. Suitable for water, oil & numerous fluid applications.

**Design:** Flowturn strainers have up to 9 times the open area of the nominal pipe bore. Multiply this by the “open area” of the screen size to calculate total “open area”. On average, this gives Flowturn strainers at least 3 times the pipe bore open area.

**Also available with sight glass window.**

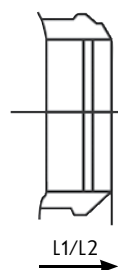
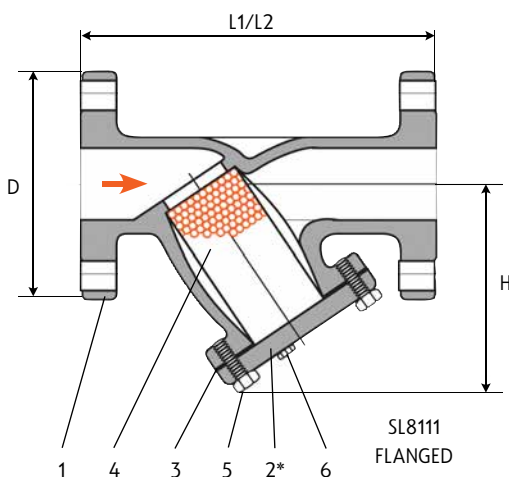


\* Up to 50NB  
Bonnet is screw in  
(flanged on request)

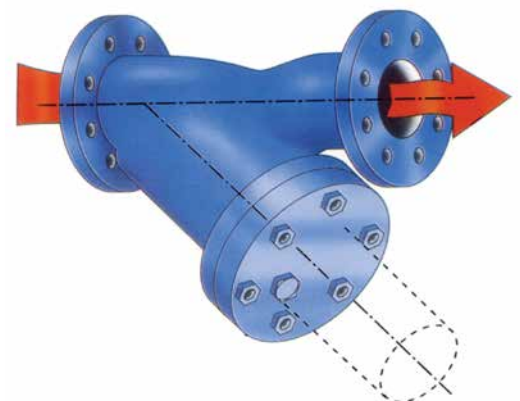


No	Parts Name	Cast Steel	304 SS	316 SS
1	Body	A216-WCB	A351-CF8	A351-CF8M
2*	Cover	A216-WCB	A351-CF8	AISI-CF8M
3	Gasket	Spiral / PTFE	Spiral / PTFE	Spiral / PTFE
4	Screen	AISI 304	AISI 304	AISI 316/304
5	Bolting	B7 / 2H	B8	B8
6	Drain Plug	Steel	AISI 304	AISI 316

\* 50NB & smaller are screw in bonnet but are also available in bolted bonnet



SL8111-BW  
BUTTWELD



# Y-TYPE STRAINER INTEGRAL CAST STEEL MODEL SL-8111

## DIMENSIONS (MM)

Model	Size	inch mm	1/2"	3/4"	1"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"
			15	20	25	40	50	65	80	100	125	150	200	250	300	350
SL-Y8111-ANSI-150	D		89	98.5	108	127.1	153	177.9	191	229	254	280	343	407	483	534
	L1		152	147	127	200	220	270	241	292	365	406	540	660	772	950
	L2		120	130	160	165	203	290	290	350	356	440	495	622	698	
	H		65	76	86	121	124	191	197	232	279	340	371	438	533	
	Weight (Kg)		4	5	7	8	13	20	27	43	67	77	117	184	273	
SL-Y8111-3-ANSI-300	D		95.3	118	124	155.6	165	190.6	210	254	280	318	381	445	520	584
	L1		160	160	198	240	267	290	318	350	400	480	635	730	711	950
	L2		130		150	200	230	300	310	356	470	444	600	760	850	
	H				92	111	156	190	229	279	391	394	412	489	610	
	Weight (Kg)				11	12	21	28	39	73	83	116	171	271	578	
SL-Y8111-6-ANSI-600	D		95	118	124	155.6	165	190.6	210	273	330	356	419	508	559	603
	L1		165	165	190	230	292	305	343	432	565	559	806	956	1067	
	L2				216	141	318	330	356	508	508	648	762	957		
	H						156	184	203	238	314	438	470	549	679	
	Weight (Kg)						24	35	44	93	147	182	371	533	642	
SL-Y8111-9-ANSI-900	D		120.7	130	149	177.9	216	244.5	241	292	349	381	470	546	610	641
	L1		99.22	108	127	213	416		514	591		705	880	965		
	L2						369									
	H		76	92	133	178	266		323	381		484	575	672		
	Weight (Kg)															
SL-Y8111-15-ANSI-1500	D		120.7	130	149	177.9	216	244.5	267	311	375	394	483	584	673	749
	L1		99	108	127	213	416		568	645		819				
	L2								470							
	H		76.2	92	133	178	266		367	415		494				
	Weight (Kg)															

Larger sizes and 2500 class refer to drawing. Dimensions are provided as a guide and can vary any time without notice.

## FLOW CHARACTERISTICS

Pressure drop in this chart has been calculated using a strainer with 1.6mm hole element on clean water

When the strainer element is partially blocked the pressure drop incurred will be inversely proportional to the area remaining clean

Nom. Bore	Flow in L/sec at pressure drop of		
	3.5kPa	14kPa	34kPa
50	4.5	7.95	12.25
65	6.5	12.5	19.7
80	9.5	19.32	30
100	14.75	29.5	47.75
125	23.9	48.5	83
150	33.75	67	106

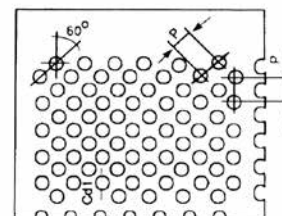
## PRESSURE/TEMPERATURE

Model	Max Cold Working Pressure W.O.G.	Max Working Pressure Steam
SL-Y8111-150LB Flanged	1965 KPA (285 PSI) WOG	1034 KPA (150 PSI) @ 350°C (*2)
SL-Y8111-300LB Flanged	4964 KPA (720 PSI) WOG	2068 KPA (300 PSI) @ 450°C (*2)
600 Class to 1500 Class please consult us.		

All strainers are tested to 1.5 times the maximum working pressure.

(\*2) If for steam/high temp application you must advise so we can use high temp gasket.

Pressure limitations apply at maximum temperature.



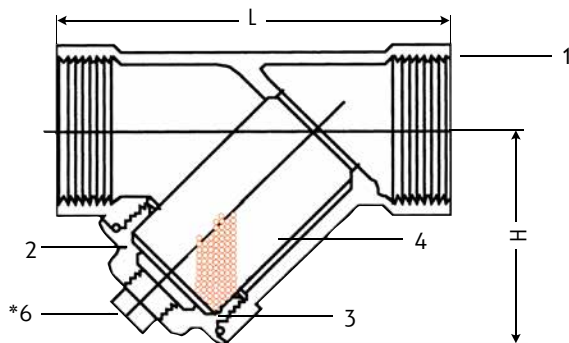
## SCREEN SPECIFICATIONS (ALL 304/316 SCREEN)

Nominal Size	Perforation "CD1"	Pitch Of Holes (P)	Screen Thickness	Approx Mesh Size	% Open Area	Micron Count
25mm to 50mm	0.8 to 1.5mm	2mm	0.4mm	#20	36%	841
65mm to 150mm	1.0 to 3.0mm	3.5mm	0.5mm	#5	48%	2000-3000
200mm to 250mm	3 to 3.2mm	4.5mm	0.6mm	#6	42%	3360

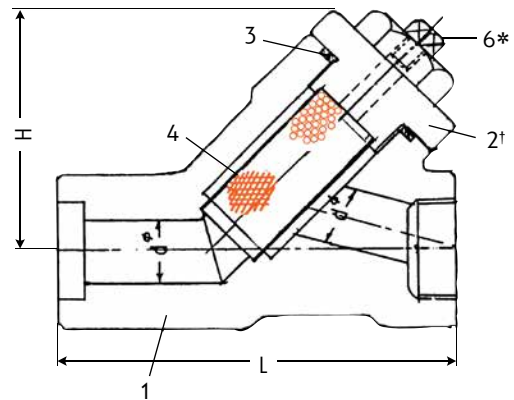
We can also supply special mesh or bags as low as 37 microns for very low pressure/flow applications

## Y-TYPE STRAINER INTEGRAL MODEL SLY8211/8223 - SCREWED & WELD ENDS

**Overview:** Suitable for water, oil & numerous fluid applications. Flowturn strainers have up to 9 times the open area of the nominal pipe bore. Multiply this by the “open area” of the screen size to calculate total “open area”. On average, this gives Flowturn strainers 2-1/2 to 4 times the pipe bore open area. Strainers are furnished with a machined seat which allows the screen to be self aligning and assures a perfect fit. All sizes come complete with a blow-off connection\* and an easily removable stainless steel screen.



SL-Y8211 150, 600, 800, 1000 PSI WOG



SL-8223 ANSI CLASS 600, 800, 1500 & 2500

### MATERIALS LIST

No	Parts Name	Cast Steel	304 SS	316 SS
1	Body	A216 WCB / A105N	A351 CF8 / 304	A351 CF8M / 316
2	Cover <sup>†</sup>	A216 WCB / A105N	A351 CF8 / 304	A351 CF8M / 316
3	Gasket	SPIRAL/PTFE	SPIRAL/PTFE	SPIRAL/PTFE
4	Screen	AISI 304	AISI 304	AISI 316
6	Drain Plug*	Steel	AISI 304	AISI 316
7	Bolting	A193-B7 / 2H	A194B8 / Gr.4	A194B8M / Gr.4

\* Drain plug is optional in some smaller sizes where bonnet is screw in type.

<sup>†</sup> SL-8223 unbolted cover shown, conventional bolted bonnet and screwed bonnet also available.



## Y-TYPE STEEL STRAINER MODEL SLY8211/ 8223

### DIMENSIONS (MM) SL-Y8223 - 600/800 CLASS

Size		L (mm)	H (mm)	Blow-Off* N.P.T. (inch)	Weight (Kg)
mm	inch				
15	1/2	74	60	3/8	0.45
20	3/4	95	73	3/8	0.68
25	1	115	94	1/2	1.02
32	1-1/4	125	98	1/2	1.82
40	1-1/2	141	122	3/4	2.73
50	2	176	154	3/4	4.66
65	2-1/2			1-1/4	5.91
80	3			1-1/4	8.18

\*Optional

### DIMENSIONS (MM) SL-Y8223-1500 CLASS

Size		L (mm)	H (mm)	Blow-Off N.P.T. (Inch)	Weight (Kg)
mm	inch				
15	1/2	99.22	76.2	1/4	2.73
20	3/4	107.95	92.08	1/4	2.73
25	1	127	104.78	1/4	2.73
32	1-1/4	212	178	3/4	7.73
40	1-1/2	212	177.8	3/4	7.73
50	2	236.54	187.33	3/4	13.64

### DIMENSIONS (MM) SL-Y8211 - 150, 600, 800 & 1000 PSI

Size		600 to 1000 PSI	
mm	inch	L (mm)	H (mm)
8	1/4	65	51
10	3/8	65	51
15	1/2	65	51
20	3/4	80	60
25	1	85/108	50/105
32	1-1/4	99	55
40	1-1/2	111/149	59/142
50	2	140/179	73/188
65	2-1/2	185/174	91/155
80	3	206/496	110/180
100	4	238	163

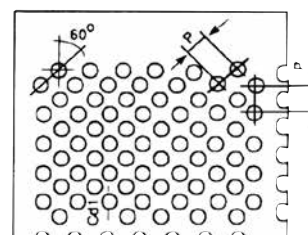
### DIMENSIONS (MM) SL-Y8223-2500 CLASS

Size		L (mm)	H (mm)	Blow-Off N.P.T. (Inch)	Weight (Kg)
mm	inch				
15	1/2	99	76	1/4	2.73
20	3/4	107	92	1/4	2.73

### PRESSURE/TEMPERATURE

Model	Max Cold Working Pressure W.O.G.	Max Working Pressure Steam
SL-Y8211-150 PSI	150 PSI WOG (CWP)	140 PSI @ 300°C (*1)
		130 PSI @ 200°C
SL-Y8211-600 PSI	600 PSI WOG (CWP)	440 PSI @ 300°C (*1)
		460 PSI @ 200°C
SL-Y821-800 PSI	800 PSI WOG (CWP)	460 PSI @ 300°C (*1)
		500 PSI @ 200°C
SL-Y821-1000 PSI	1000 PSI WOG (CWP)	465 PSI @ 300°C (*1)
		500 PSI @ 200°C
SL-Y8223-600 Class	1480 PSI WOG (CWP)	Refer A105/316 ANSI chart
SL-Y8223-800 Class	2020 PSI WOG (CWP)	Refer A105/316 ANSI chart
SL-Y8223-1500 Class	3700 PSI WOG (CWP)	Refer A105/316 ANSI chart
SL-Y8223-2500 Class	6000 PSI WOG (CWP)	Refer A105/316 ANSI chart

All strainers are tested to 1.5 times the maximum working pressure (pressure limitations apply at maximum temperature) (\*1) If for the steam/high temperature application you must advise so we can use high temp gasket.



### SCREEN SPECIFICATIONS (ALL 304/316 SCREEN)

Nominal Size	Perforation "CD1"	Pitch of Holes (P)	Screen Thickness	Approx. Mesh Size	% Open Area	Micron Count
25mm to 50mm	.8 mm	2.0 mm	0.4 mm	#20	36%	841
65mm to 80mm	1.14 mm	3.5 mm	0.5 mm	#5	48%	2000-3000

We can also supply special mesh as low as 37 microns for very low pressure/flow applications

## GLOBE STRAINER INTEGRAL CAST STEEL MODEL SLS503-MIV



- Tested to API Standard 598
- Face-to-Face Dimensions to ANSI B16.10
- RF Flanged ends to ANSI B16.5
- Butt Welding ends to ANSI B16.25

### STANDARD MATERIAL SPECIFICATIONS

Part Name	Materials
Body	ASTM A216 WCB/A351 CF8M
Gasket	S/S / Graphite
Bonnet	ASTM A216 WCB/A351 CF8M
Bonnet Bolt	ASTM A193 B7/A194 B8
Bonnet Nut	ASTM A194 2H/A194 Gr. 8

For horizontal or vertical installations in applications such as industrial, mining and mechanical services. Suitable for super-heated steam, H.T.H.W., steam, condensate & water.

Flowturn strainers have around 5 to 7 times the pipe bore open area. Multiply this by the 'open area' of the screen size to calculate the total open area. Smaller sizes have a larger open area (see attached). Integral cast body (not fabricated).

### WORKING PRESSURE

#### **SLS503-150 150 Class (to Table-F)**

280 PSI CWP (WOG)

170 PSI Saturated Steam (at 260°C)

#### **SLS503-300 300 Class (to Table-J)**

720 PSI CWP (WOG)

600 PSI Saturated Steam (at 260°C)

For superheated steam consult pressure/temp chart

#### **SLS503-600 600 Class (to Table-R)**

1440 PSI CWP (WOG) for high temperature consult chart

WC6 body supplied for high temperature applications

Maximum Temperature 850°F (450°C)

#### **SLS503-900 900 Class**

2220 PSI CWP (WOG) for high temperature consult chart

WC6 body supplied for high temperature applications

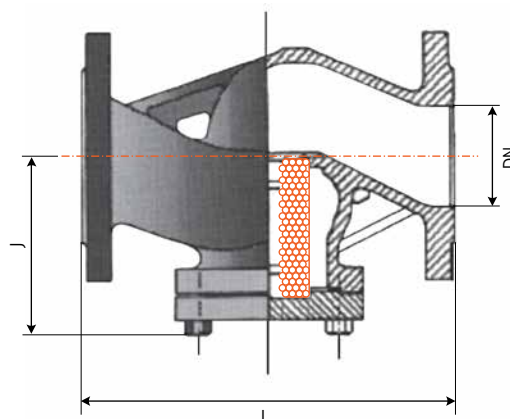
Maximum Temperature 850°F (450°C)

#### **SLS503-1500 1500 Class**

3700 PSI CWP (WOG) for high temperature consult chart

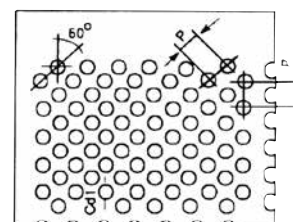
WC6 body supplied for high temperature applications

Maximum Temperature 850°F (450°C)



### SCREEN SPECIFICATION (ALL 304 / 316 SS SCREEN)

Nominal Size	Perforation "CD1"	Pitch of Holes (P)	Screen Thickness	Approx Mesh Size	% Open Area	Micron Count
to 150mm	2.0 / 3.18	3.5	0.5	#5	48%	2000 - 3000
200 to 250mm	3.0 to 3.18	4.5	0.6	#6	42%	3360

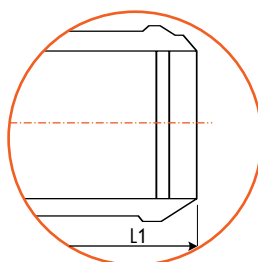
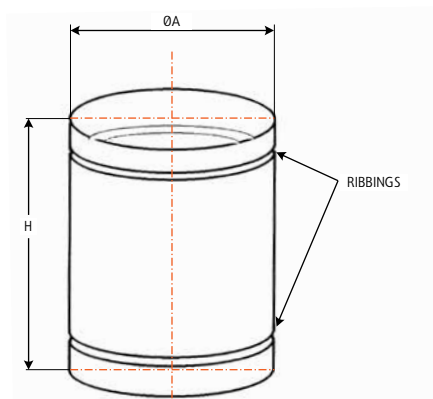
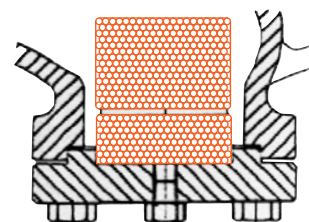
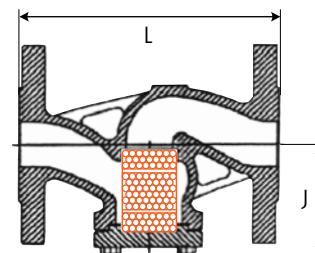


# GLOBE STRAINER INTEGRAL CAST STEEL MODEL SLS503-MIV

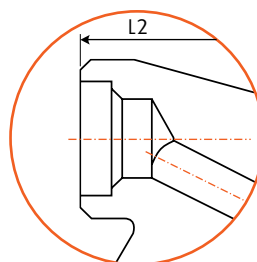
## SCREEN DIMENSIONS MM (150 TO 600 CLASS)

DN	15	20	25	32	40	50	65	80	100	125	150	200	250
ØA	25	25	30	35	45	56	71	87	106	131	155	210	260
H	56	58	65	65	68	85	127	130	145	192	202	260	280
Total Screen Surface area (M2)	4.4	4.6	6.1	7.2	9.5	15	28.3	35.5	47.9	79	98.3	171	229
Total Pipe* Surface area (M2)	0.19	0.34	0.56	0.95	1.3	2.2	3.1	4.8	8.2	12.9	18.6	32.3	50.3
Equivalent Bore Multiplier	23	13.5	17.9	7.5	7.3	6.9	9.1	7.3	5.8	6.12	5.28	5.29	4.5

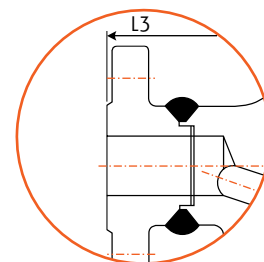
\* Std Weight Pipe



BUTTWELD



NPT or Socketweld ends  
Class 800, 1500, 2500, 2690



Optional weld on Flanges (up to 50NB)  
Class 800, 1500, 2500. Full penetration  
V-prep welds are pre-heated and normalised  
as well as dye penetrant tested.

## OVERALL DIMENSIONS (MM & INCHES) AND WEIGHT (KG)

Valve Size (NPS)		inch	3/4"	1	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
		mm	20	25	40	50	65	80	100	125	150	200	250	300
CLASS 150 (BST E TO F)	L/L1 (RF/BW)	inch	4-5/8	5	6-1/2	8	8-1/2	9-1/2	11-1/2	14	16	19-1/2	24-1/2	27-1/2
		mm	117	127	165	203	216	241	292	356	406	495	622	698.5
	J	inch	3-1/3	3-1/3	6-1/2	7	8	8	8	13	14	15	18	18
		mm	85	85	165	178	200	200	200	330	356	381	457	457
CLASS 300 (BST F TO J)	Weight (kg)	RF	3.2	4.4	8.5	22	31	37	58	103	111	179	240	
	L/L1 (RF/BW)	inch	7	8	9	10-1/2	11-1/2	12-1/2	14	15.75	17-1/2	22	24-1/2	28
		mm	178	203	229	267	292	318	356	400	444.5	559	622	711
	J	inch	2-3/4	3	3-7/8	6	7	9	9	14	14	16	19	22
CLASS 600 (BST J TO R)		mm	70	76	98	152	178	229	229	356	356	406	482	559
	Weight (kg)	RF	4.5	5.9	10.2	28	47	54	76	150	162	270		
	L/L1 (RF/BW)	inch	7	8	9	11-1/2	13	14	17		22	26	31	33
		mm	178	203	229	292	330	356	432		559	660	787	838
CLASS 900	L2 (RTJ)	inch	7	8	9	11-5/8	13-1/8	14-1/8	17-1/8		22-1/8	26-1/8	31-1/8	33-1/8
		mm	178	203	229	295	333	359	435		562	664	791	841
	J	inch	2-3/4	3	3-7/8	6-3/8	7-5/8	9.5	9.5		14-1/3	15-3/4		
		mm	70	76	98	168	193	241	241		353	400		
CLASS 1500	Weight (kg)	RF	6	10	17	51	62	85	143		340	520		
	L-L1 (RF/BW)	inch	9	10	12	14-1/2	16-1/2	15	18		24	29		
		mm	229	254	305	368	419	381	457		610	737		
	J	inch												
CLASS 1500		mm	159	173	202	257	310	305	368		478	594		
	Weight (kg)	RF	10	15	26	91	100	109	191		404	807		
	L-L1 (RF/BW)	inch	9	10	12	14-1/2	16-1/2	18-1/2	21-1/2		27-3/4	32-3/4		
		mm	229	254	305	368	419	470	546		705	832		
CLASS 1500	J	inch												
		mm	159	173	202	257	310	321	349		559	667		
	Weight (kg)	RF	10	15	26	91	100	159	232		667	1221		

## BASKET STRAINER FV40-41-SF SERIES

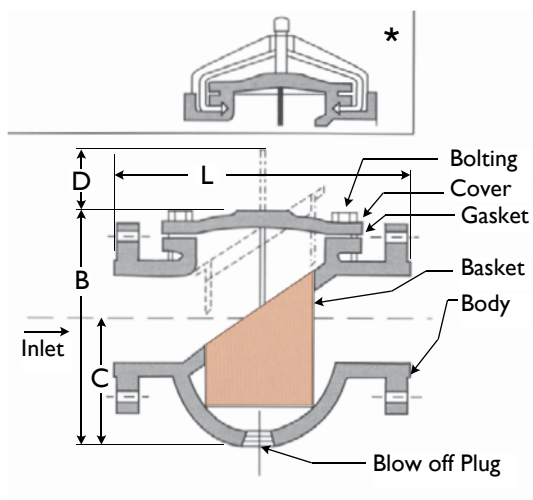
### INTEGRAL CAST 125LB/150 LB/PN10/PN14/PN21



Swing Bolted Bonnet Version



Bridge Closure



\* Optional quick release lid (Bridge type shown)

SIZE 50NB to 500NB (2"-20")

**Flanging To Suit:**

ANSI 125, 150

AS 2129 Table D, E, F

AS 4087 PN14, PN21

AS 4331.1/EN 1092-1/EN 1092-2/ ISO 7005-1 PN10~25

#### STANDARD PRODUCT MATERIAL COMBINATION ANSI CLASS 125/PN10/PN14

Body, Cover, Plug	ASTM A126 Class B Iron
Screens	SS304
Gasket	CNAF/PTFE/EPDM/NBR

#### STANDARD PRODUCT MATERIAL COMBINATION ANSI CLASS 150/PN21

Body, Cover, Plug	ASTM B62 - Bronze/A216 WCB
Screens	SS316
Gasket	CNAF/PTFE/NBR/EPDM

Body, Cover, Plug	ASTM A216 Grade WCB
Screens	SS304
Gasket	Non-asbestos (CNAF)

Body, Cover, Plug	ASTM A351 Gr. CF8M
Screens	SS316
Gasket	Non-asbestos (CNAF)

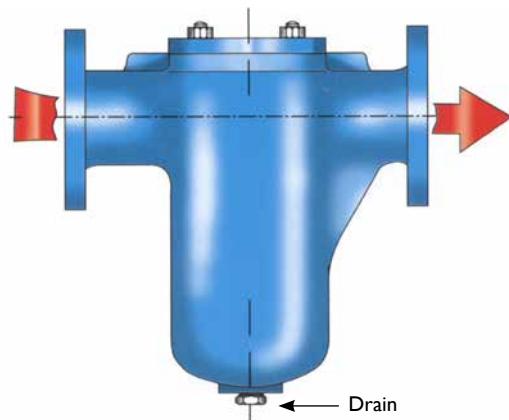
Class 300 model DKSL01 also available

**DIMENSIONS (INCH)**

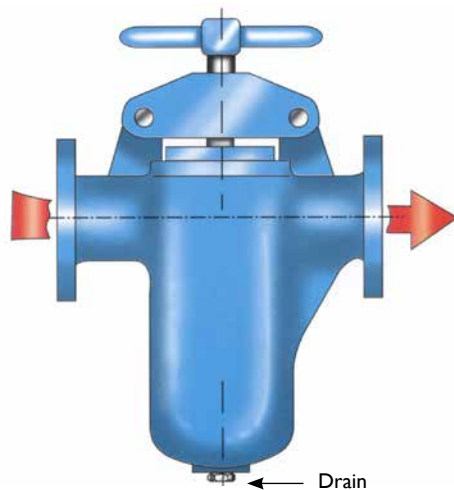
Size (mm)	Size (in)	L	B	C	Blow Off Plug	D Clearance for Bskt Removal	Weight (lb)	Weight (kg)
50	2"	8-1/8	8-3/8	5	1	5-3/8	34	15.42
65	2-1/2"	8-3/4	10	5-5/16	1	6-5/16	43	19.50
80	3"	9-7/8	11-1/4	6-3/4	1	8	60	27.21
100	4"	11-1/2	13-1/2	8	1	9-5/16	120	54.43
125	5"	13-1/8	14-5/8	8-1/6	1	10-1/4	140	63.50
150	6"	14-7/8	15-5/8	8-5/8	1	11-1/8	164	74.39
200	8"	18-11/16	21	11-3/4	1	15-9/16	330	149.69
250	10"	20-1/8	24-1/2	13-3/4	1	18	470	213.19
300	12"	26-1/4	29-3/4	16-3/8	1	23-1/4	820	371.95
350	14"	30-1/4	36-3/8	22-1/4	1-1/2	26-1/4	1300	589.67
400	16"	33-1/8	38-1/4	23-1/4	1-1/2	28-1/8	1600	725.75
450	18"	38-3/8	38	19	3	26-3/4	2260	1025.12
500	20"	41-1/2	43-5/8	23-1/2	3	34-1/8	2980	1351.70

Dimensions are a guide model FV40 and FV41 have different dimensions.

# BASKET STRAINER FV40-41-SF SERIES INTEGRAL CAST 125/150LB



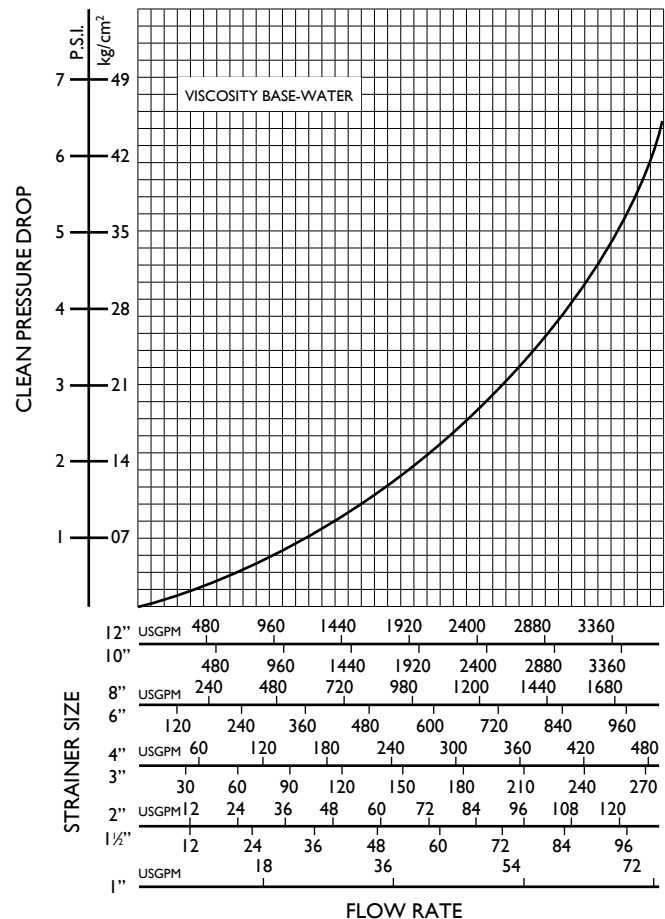
Bolted Bonnet Version



Bridge Closure

## FLOW CHART

Simplex Strainers 25~300NB (1" to 12")  
Pressure drop strainers with 3/32" or 1/8" perforated baskets



## CLASS 125 PRESSURE & TEMPERATURE

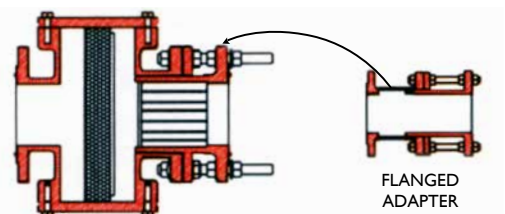
Type	Size (in)	kPa @ Temp W.O.G.	kPa @ Temp W.O.G.
Class 125 Bolted Cover	50-500 (2 - 20)	1551.32 37.78°C	1378.95 65.56°C
Class 125 Clamped Cover	50-500 (2 - 20)	1965.01 37.78°C	1378.95 65.56°C

Maximum "dirty" differential must not exceed 70 kPaD

## CLASS 150 PRESSURE & TEMPERATURE

Type	Size (in)	kPa @ Temp W.O.G.
Class 150 Bronze Body	50-500 (2 - 20)	1551.32 37.78°C
Class 150 CS Body	50-500 (2 - 20)	1965.01 37.78°C
Class 150 SS Body	50-500 (2 - 20)	1620.27 37.78°C

Maximum "dirty" differential must not exceed 70 kPaD



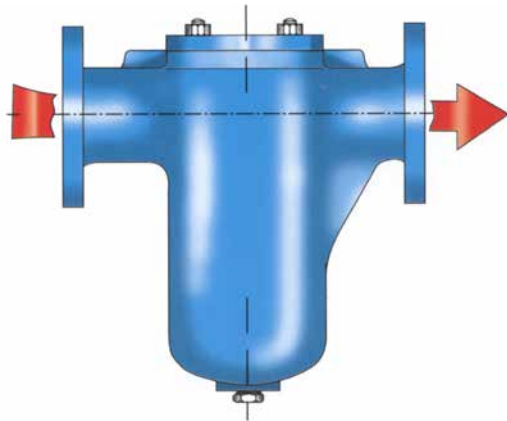
Also available with our "TKV" flow conditioner for more accurate metering and expansion joint.

## SCREEN

Any mesh size can be fitted from 100 microns.



## BASKET STRAINER INTEGRAL CAST MODEL WFL 150B/300B/600B



**Bolted Bonnet Version**

Basket type cast strainers in WCB, CF8 & CF8M  
Heavy Duty spot welded S/S screens.  
Suitable for water, oil & numerous fluid applications.

The WFL basket strainer has many unique design features including: Spot faced flange bolt holes, plugged bottom drain vent, cast-in support legs (larger sizes), encapsulated cover gasket and an optional quick opening cover design.

- **Minimal Pressure Loss**

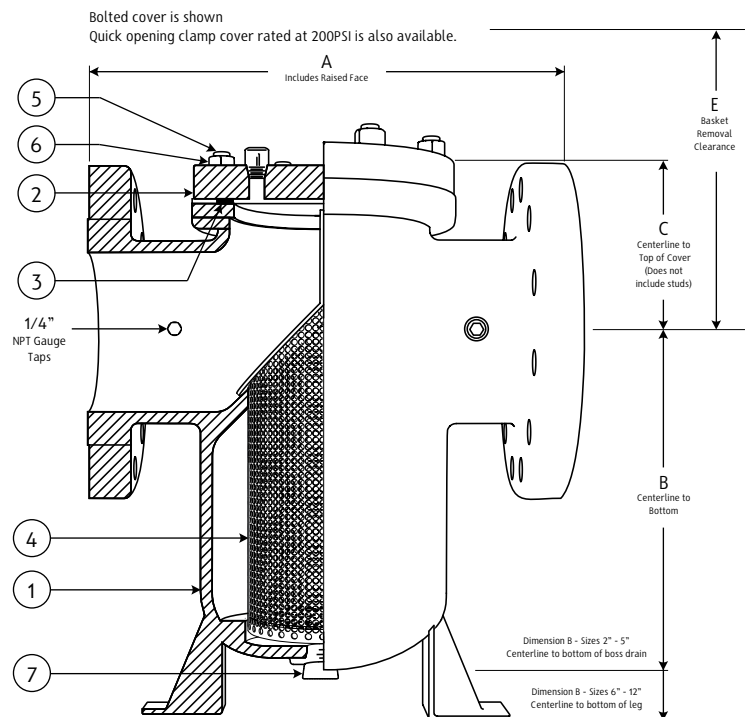
Pressure loss is minimised by providing a slanted straining element design and straight flow path.

- **Large straining capacity**

With its large body and sizeable straining element, the WFL has the ability to store large quantities of debris without affecting pressure loss - thus maximising time between servicing.

- **Self-cleaning option**

Utilising a modified straining element, the bottom drain can be fitted with a ball valve to allow for the automatic cleaning or flushing of the straining element while keeping the pipeline in service.

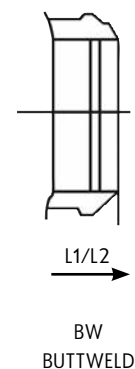


Refer to drawing for dimensions

### MATERIALS LIST

No	Parts Name	Cast Steel	304 SS	316 SS
1	Body	A216-WCB	A351-CF8	A351-CF8M
2	Cover	A216-WCB	A351-CF8	AISI-CF8M
3	Gasket	Spiral / PTFE	Spiral / PTFE	Spiral / PTFE
4	Screen	AISI 304	AISI 304	AISI 316/304
5	Bolting	B7	B8	B8M
6	Nut	2H	Gr8	Gr8M
7	Drain Plug	A105N	AISI 304	AISI 316

Refer to detailed drawing.



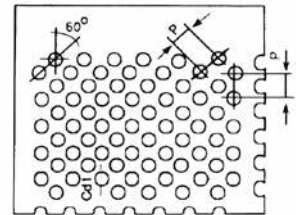
## BASKET STRAINER INTEGRAL CAST MODEL WFL 150B/300B/600B

### FLOW CHARACTERISTICS

When the strainer element is partially blocked the pressure drop incurred will be inversely proportional to the area remaining clean

### PRESSURE/TEMPERATURE

Model	Max Cold Working Pressure W.O.G.	Max Working Pressure Steam
SL-WFL 150B -150LB Flanged	1965 KPA (285 PSI) WOG	1034 KPA (150 PSI) @ 350°C
SL-WFL 300B - 300LB Flanged	4964 KPA (720 PSI) WOG	2068 KPA (300 PSI) @ 450°C
SL-WFL 600B - 600LB Flanged	9928 KPA (1440 PSI) WOG	4136 KPA (600 PSI) @ 350°C
900 Class to 1500 Class please consult us.		



All strainers are tested to 1.5 times the maximum working pressure.  
If for steam/high temp application you must advise so we can use high temp gasket.  
Pressure limitations apply at maximum temperature.

### STANDARD SCREEN SPECIFICATIONS (ALL 304/316 SCREEN)

Nominal Size	Perforation "CD1"	Pitch Of Holes (P)	Screen Thickness	Approx Mesh Size	Micron Count
25mm to 50mm	0.8 to 1.5mm	2mm	0.4mm	#20	841
65mm to 150mm	1.0 to 3.0mm	3.5mm	0.5mm	#5	2000-3000
200mm to 250mm	3 to 3.2mm	4.5mm	0.6mm	#6	3360

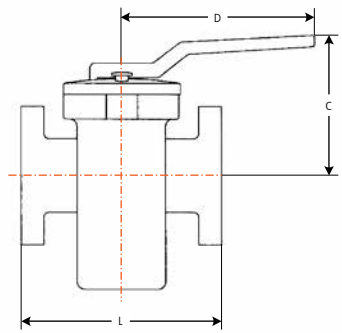
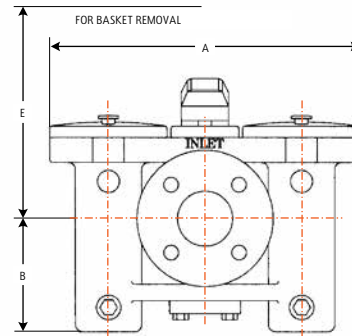
Example only, can supply any size mesh. We can also supply special mesh or bags as low as 37 microns for very low pressure/flow applications



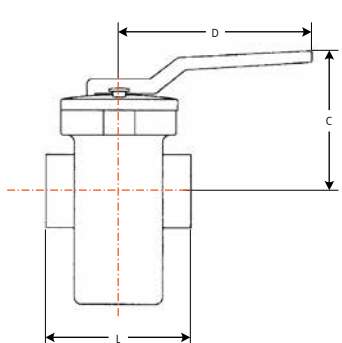
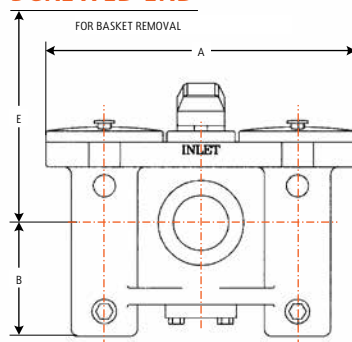
## DUPLEX STRAINER INTEGRAL DUAL BASKET MODEL FV61-SFV



### FLANGED END



### SCREWED END



**ANSI CLASS 125, PN16 - ANSI CLASS 150, PN20**  
**ANSI CLASS 250, PN25 - ANSI CLASS 300, PN40**

Flowturn Integral Duplex Dual Basket Strainer is designed for use in fluid handling systems where the flow cannot be shut down for basket cleaning. A lubricated plug valve enables the flow to be switched to either basket allowing the alternate basket to be cleaned while isolated from the flow path.

### PRESSURE & TEMPERATURE

CL 125 PN16 CI BODY	1378 kPa 37.7°C (200 PSI @ 100°F)
CL 150 PN20 CS/SS BODY	1965 kPa 37.7°C (285 PSI @ 100°F)
CL 300 PN40 CS/SS BODY	4964 kPa 37.7°C (720 PSI @ 100°F)

### STANDARD PRODUCT MATERIAL COMBINATION

Ductile Iron Body and Cover, CF8 Plug, PTFE or Viton Seal, SS304 Basket
Carbon Steel Body and Cover, CF8 Plug, PTFE or Viton Seal, SS304 Basket
CF8 Body and Cover, CF8 Plug, PTFE or Viton Seal, SS304 Basket
CF8M Body and Cover, CF8M Plug, PTFE or Viton Seal, SS306 Basket
Bronze Body and Cover, CF8M Plug, PTFE or Viton Seal, SS306 Basket

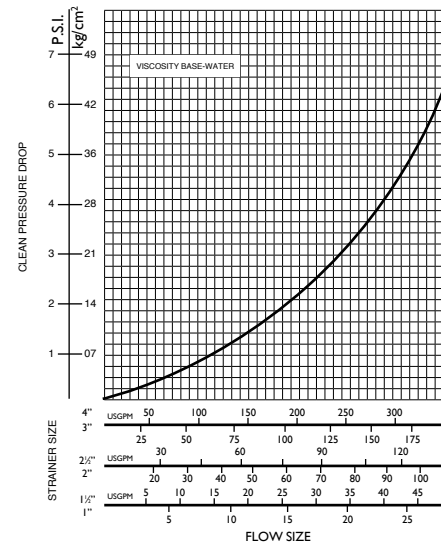
### DIMENSION (INCH)

Size		Screwed End						Flanged End						Weight (Lbs)
		A	B	C	D	E	L	A	B	C	D	E	L	
DN20	3/4"	13.33	4.2	6	4.4	8.3	8.63	13.33	4.2	6	4.4	8.3	8.63	44
DN25	1"	13.33	4.2	6	4.4	8.3	8.63	13.33	4.2	6	4.4	8.3	8.63	44
DN32	1-1/4"	13.85	6.2	6	4.8	8.5	9	13.85	6.2	6	4.8	8.5	9	54
DN40	1-1/2"	13.85	6.2	6	4.8	8.5	9	13.85	6.2	6	4.8	8.5	9	65
DN50	2"	14.88	7.2	8	5.8	10.5	11	14.88	7.2	8	5.8	10.5	11	105
DN65	2-1/2"	15.38	9.2	8	7.2	12.6	13	15.38	9.2	8	7.2	12.6	13	160
DN80	3"	17.88	11.3	11	9.4	13.5	16.4	17.88	11.3	11	9.4	13.5	16.4	235
DN100	4"	25.33	14.4	11	10.6	17	17.9	25.33	14.4	11	10.6	17	17.9	400

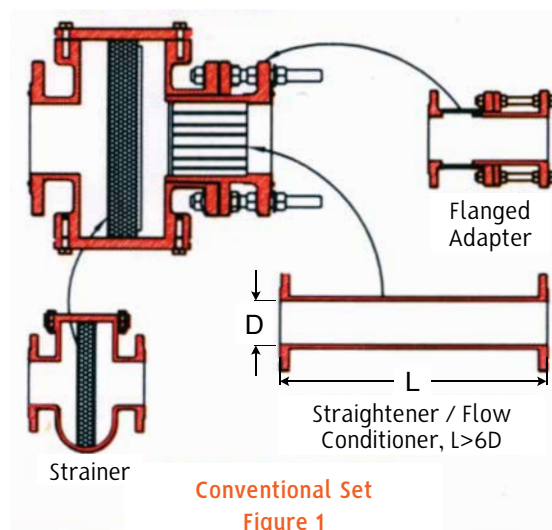
150NB & over Drawing on request

### FLOW CHART

Duplex Strainers 1" to 4"  
 Pressure drop for strainers with 3/32" or 1/8" perforated baskets (one chamber only)



## 3 IN 1 STRAINER EXPANSION JOINT FLOW CONDITIONER - MODEL TKV

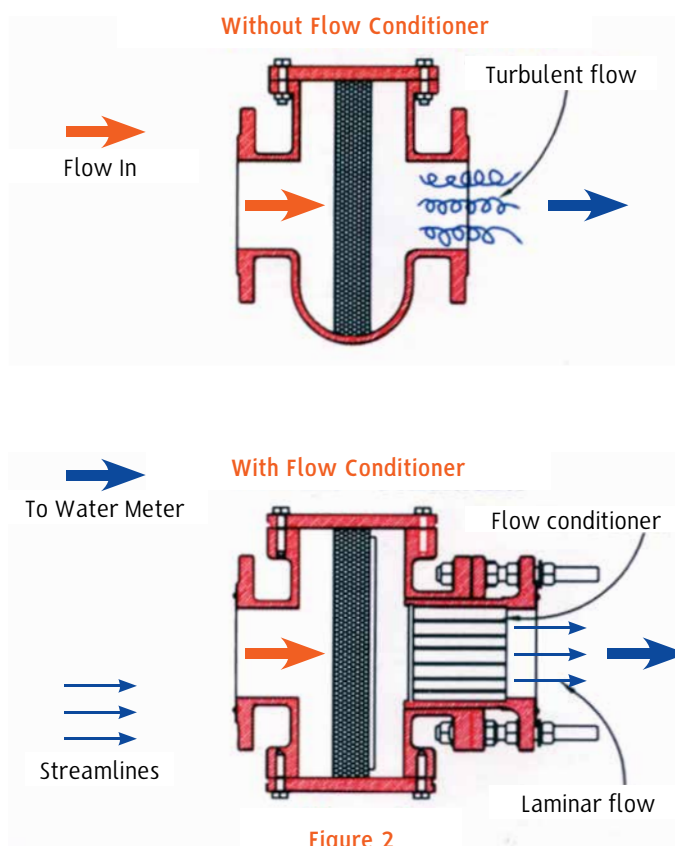


### APPLICATION

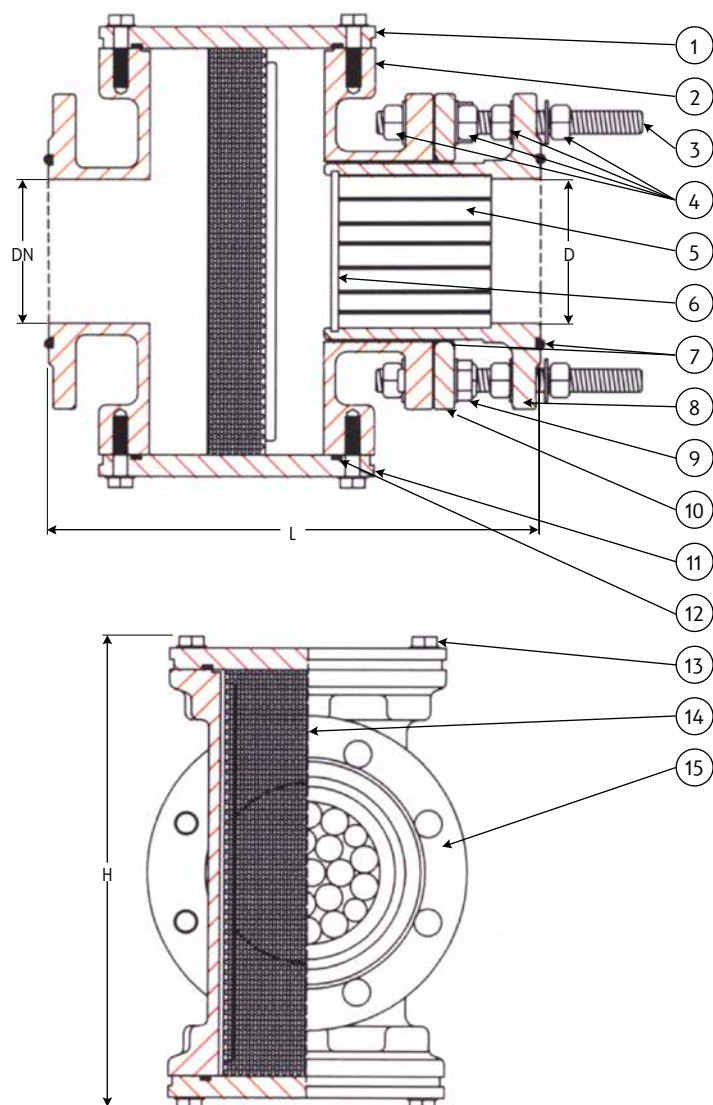
- PN10 & PN16
- Prevents damage to water meters by filtering the water entering water meter.
- Increase water flow rates measuring accuracy of water meters.

### MAIN FEATURES & BENEFITS

- Stainless steel flow conditioner pipe set, able to reduce turbulent flow and creating laminar flow, thus increasing flow rates measuring accuracy of water meters. See Figure 2.
- Stainless steel strainer mesh
- Built-in expansion joints allow flexible movements of the distances between flow meter, allowing ease of assembly.
- Fusion Bonded Epoxy Powder (FBE) coating body.



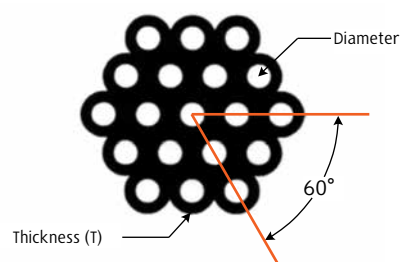
## 3 IN 1 STRAINER EXPANSION JOINT FLOW CONDITIONER - MODEL TKV



### MATERIALS LIST

No.	Component	Material
1	Upper Cap	Ductile Iron, BSEN 1563 Grade 420/12
2	Strainer Body	Ductile Iron, BSEN 1563 Grade 420/12
3	Expansion Joint Stud	Zinc Coated Steel/S.S., BS 970:Part 1 304
4	Nuts & Washers	Zinc Coated Steel/S.S., BS 970:Part 1 304
5	Flow Conditioner Tube	S.S., BS 970:Part 1 304
6	Circlip	S.S., BS 970:Part 1 304
7	O-Ring Seal	NBR, ASTM D 2000 70°IRHD
8	Expansion Pipe	Ductile, BSEN 1563 Grade 420/12
9	Hex. Head Bolts & Washers	Zinc Coated Steel/S.S., BS 970:Part 1 304
10	Press Ring	Ductile, BSEN 1563 Grade 420/12
11	Lower Cap	Ductile, BSEN 1563 Grade 420/12
12	O-Ring Seal	NBR, ASTM D 2000 70°IRHD
13	Hex. Head bolts & Washers	Zinc Coated Steel/S.S., BS 970:Part 1 304
14	Filter Screen	S.S., BS 970:Part 1 304
15	Powder Epoxy	Corro-Coat EP-R, AWWA C213-96/NZ4158.1 Part 1

### FILTER SCREEN



### DIMENSIONS

DN	D	H	Min.L	Max.L	Screen Dia.	T	Weight KG
50	50	180	200	240	1.5	0.5	25
80	80	270	300	350	3.0	1.0	33
100	100	330	350	410	3.0	1.0	38
150	150	385	410	500	5.0	1.2	64
200	200	450	500	600	5.0	1.2	93

Feature	Specification
Works Test Pressure	Maximum=40 Bar
Flange Drillings	BSEN 1092-2: 1997/DIN 2501/ISO 7005 PN 16 other drillings available
Maximum Service Temperature	70°C

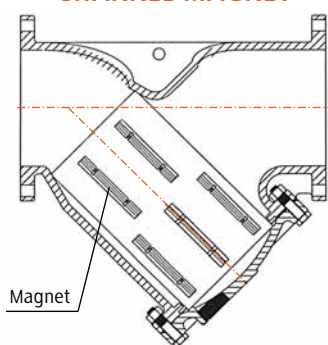


## MAGNETIC SCREEN OPTION

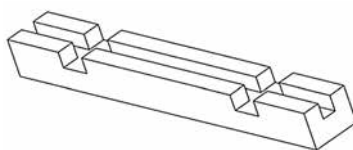
**Magnetic Screen Inserts for added protection against fine ferrous metal particles.**

- For extra protection for your hydraulic systems, pumps and other process & industrial applications.
- Magnetic screen assemblies prevent fine ferrous metal particles from passing through the screen and damaging bearings, seals, seats and other machined or soft surfaces.
- The magnets in these screen assemblies are positioned to obtain the strongest magnetic field possible, resulting in the most effective particle retention.

### CHANNEL MAGNET

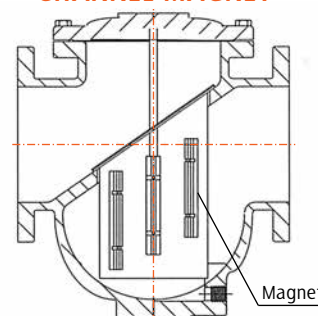


"Y" Type - Sizes  
65NB to 450NB (2-1/2 to 18")



Channel Magnet

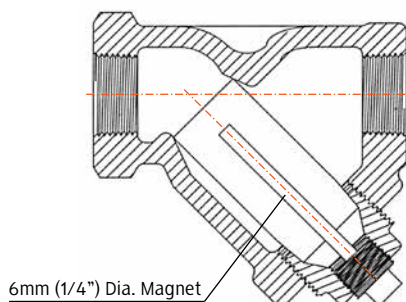
### CHANNEL MAGNET



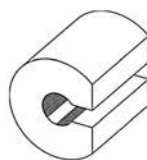
Basket Type - Sizes 80NB to 450NB  
(3" to 18")

50NB & 65NB (2" & 2-1/2")  
Sizes use Horseshoe Magnets

### ROD MAGNET

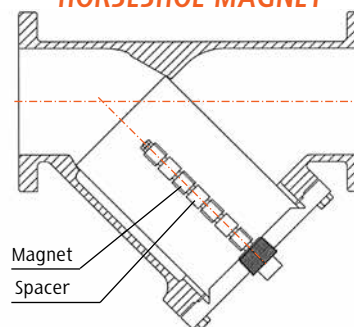


"Y" Type - Sizes  
15NB to 80NB (1/2 to 3")



Horseshoe Magnet

### HORSESHOE MAGNET



"Y" Type - Sizes  
40NB to 80NB (1-1/2 to 3")

### MAGNET QUANTITY

Size NB	15-32	40	50	65	80	100	125	150	200	250	300	350	400	450	500
Size Inch	1/2 - 1-1/4	1-1/2	2	2-1/2	3	4	5	6	8	10	12	14	16	18	20
Y-Type	1	4	6	3	3	4	10	12	12	12	16	20	24	32	
Basket Type			2	2	3	3	5	7	11	13	17	22	25	28	34

### SPECIFICATIONS

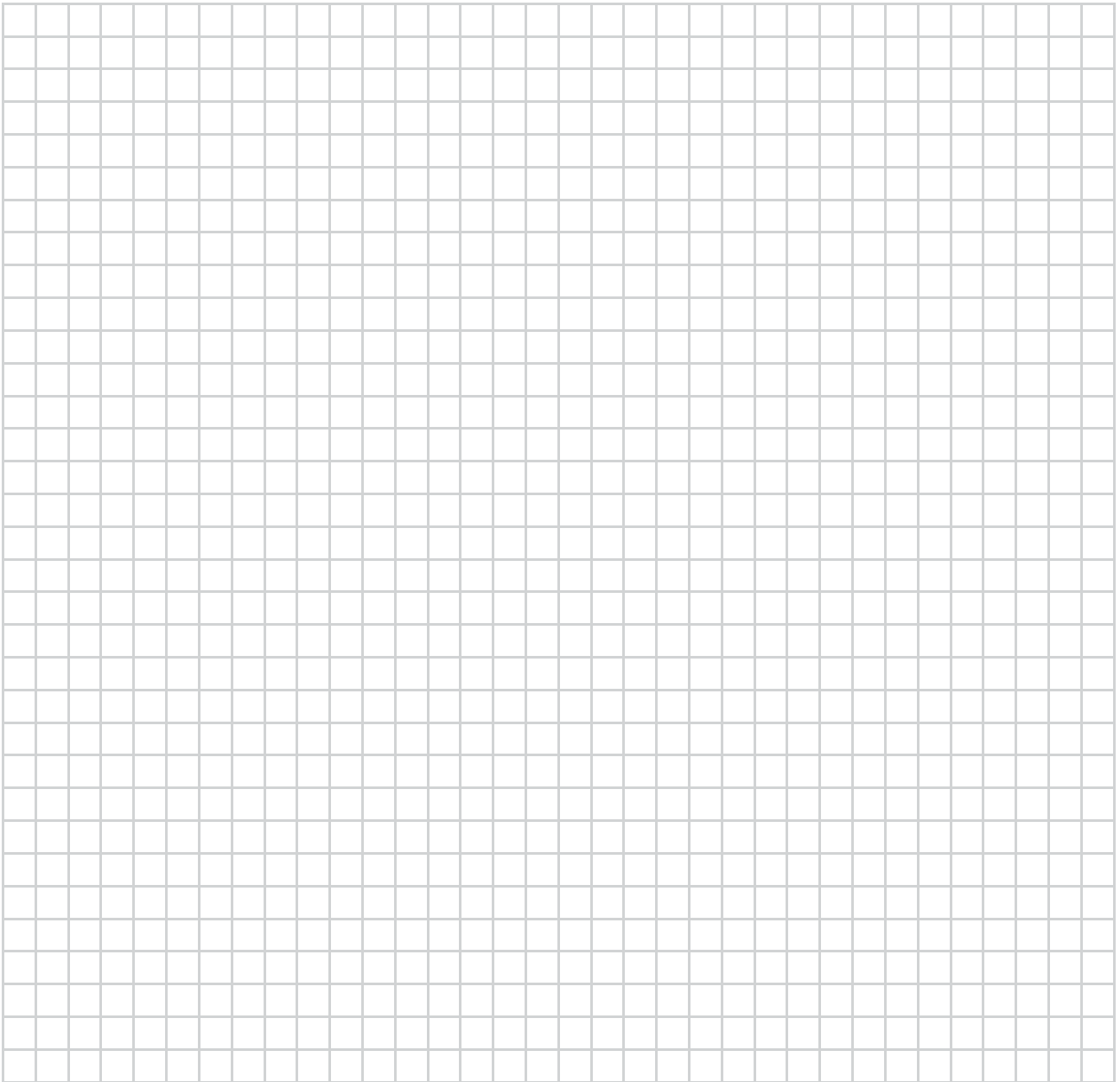
Stainless steel bolts are used to assemble magnets to the screen. Magnets are equally spaced in each row. When two or more rows are used, the magnets are offset. Magnet material is Cast Alnico #5 or equivalent.

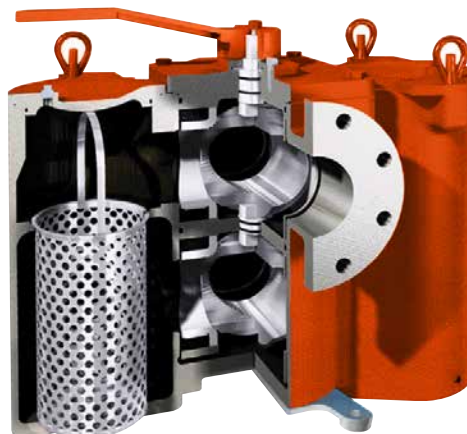
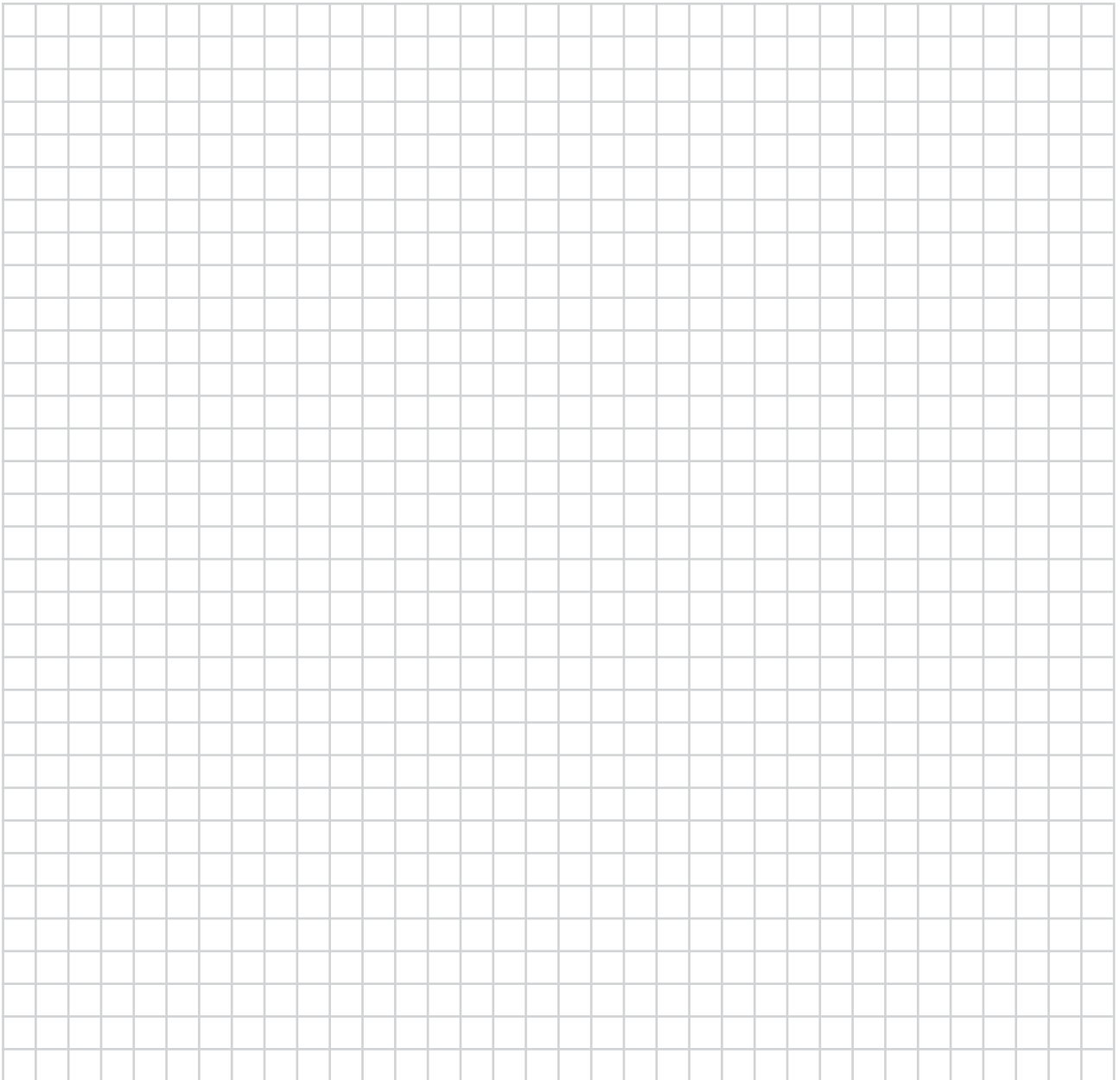
**Rod magnet, "Y" type 15NB to 80NB Horseshoe magnet, 40NB to 80NB**

**Channel magnet, 65NB to 450NB and "Basket" type 80NB to 450NB**

Magnetic screen assemblies are used with stainless steel screen material only.

The blow-off connection (drain) is integral with the magnet holder for rod or horseshoe type magnets. However with the Bolted Bonnet version a side drain can also be supplied.







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and process industries.  
APV valves and pipeline  
products form the most  
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in the market.”***



**STEAMCO®**

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**SUPERSEAL®**

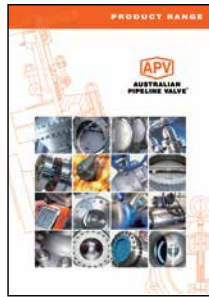
**TORQTURN®**

**TWIN-LOK®**

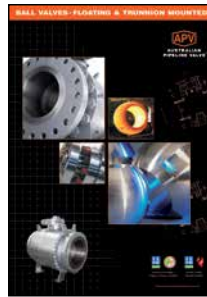
**UNIFLO®**

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## AUSTRALIAN PIPELINE VALVE BRAND RANGE - CATALOGUES



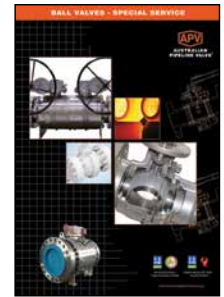
Product Brochure



Ball Valves Floating  
& Trunnion Mounted



Ball Valves  
Floating Small Bore



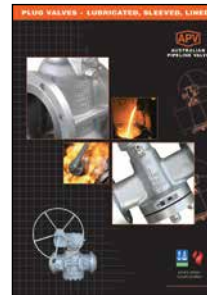
Ball Valves  
Special Service



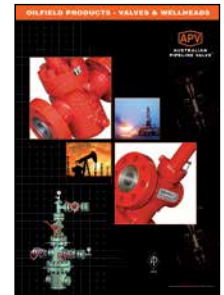
Gate, Globe & Check Valves -  
Cast Steel



Gate, Globe & Check Valves -  
Forged Steel



Plug Valves Lubricated, Sleeved  
& Lined

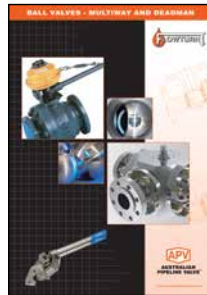


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Supercheck  
Wafer Check Valves



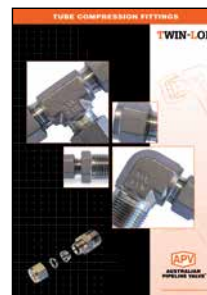
Superseal  
Butterfly Valves



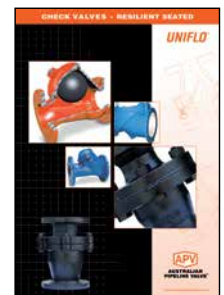
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