



GVs VALVE



www.gvsvalve.com

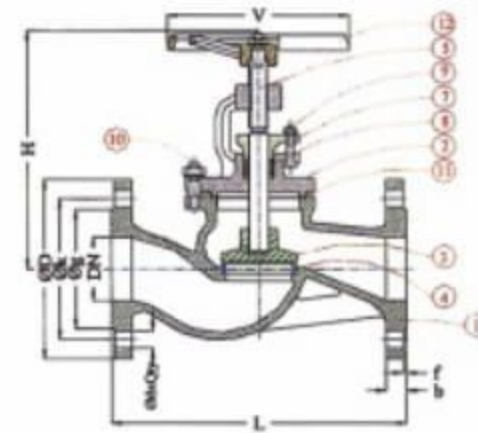
GVs VALVE

GLOBE VALVES (STRAIGHT TYPE)

GV-16 Globe valves are valves suitable for use in high pressure and temperature. Pressure losses are greater than the other valve. Vertically movable horizontal situ fixed with the valve metal is provided with the inner sealing surface of the seating surface. The sealing body to the atmosphere, provided with wire braided graphite gaskets or graphite seals. If the seal from the valve stem is provided with stuffing box consists of elastic sealing rings. Some fluids that use globe valves; water, hot water, hot water, steam, oil, compressed air, fuel oil, LPG, heat transfer oils and chemicals fluid.



Material Structure	Body: GG-25 Cast iron Internal parts: Stainless Steel
Links	Flanged
nominal Diameter	DN15 (1/2 ") - DN200 (8")
Pressure Values	Max. up to 16 bar
Temperature Range	from -10°C up to 300°C according to material structure.
Applications	Textile industry -Energy production facilities -Refiner are - Petrochemistry -Ship construction industry -Food facilities - Chemistry factories -Paper
Globe Valve What is it?	Globe valve is fluid valves used in a variety of sectors.



Part Number	Part Name	Material
1	BODY	GG 25 / GGG 40.3 / Rg5
2	BONNET	GG 25 / GGG 40.3 / Rg5
3	DISC	Rg 5 / AISI 304
4	SEAT	Rg 5 / AISI 304
5	SPINDLE	CuZn / X 20Cr 13
6	SPRING	301
7	GLAND	GGG 40.3
8	GLAND PACKING	GRAPHITE
9	T BOLT	SAE 1040 / SAE 1050 (5.8)
10	STUD & NUT	SAE 1040 / SAE 1050 (8.8)
11	GASKET	KLINGERIT
12	HANDWHEEL	GG 25

PN 16 Cast iron / Ductile iron / Rg 5										
DN	L	H	V	ØD	Øk	Øg	f	b	ØdaQty	WEIGHT kg
15	130	185	120	95	65	45	2	14	14x4	4
20	130	185	120	105	75	58	2	16	14x4	5
25	180	195	140	115	85	68	2	16	14x4	6
32	180	205	140	140	100	78	2	18	18x4	7
40	200	230	160	150	110	88	3	18	18x4	11
50	230	240	160	165	125	102	3	20	18x4	13
65	280	275	180	185	145	122	3	20	18x4	17
80	310	290	200	200	160	138	3	22	18x4	24
100	330	330	220	220	180	158	3	24	18x4	34
125	400	410	250	250	210	188	3	26	18x4	54
150	480	430	300	285	240	212	3	26	22x12	73
200	600	580	400	340	295	268	3	30	22x12	133
250	730	710	520	405	355	320	3	32	26x12	190
300	850	760	520	460	410	378	4	32	26x12	342
350	980	780	640	520	470	438	4	36	26x16	452
400	1100	810	640	580	525	490	4	38	30x16	-

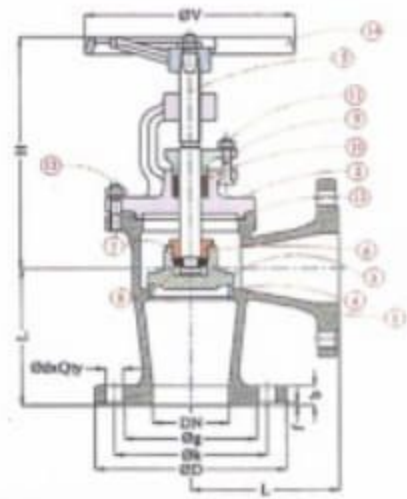


ANGLE GLOBE VALVE

Globe valves (globe valve), power, and control valves which are suitable for the purpose of throttling. Globe valves can lead to high flow resistance should work principle. Frequent opening and closing valve type is suitable.

Flange connection (FLGD), Conical Disc bolted Cover (BB), with external screw - bridle (OSY) Rising Stem and Flywheel (RSH) can be changed Sitringl, bolt Glendle (BG)

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Part Number	Part Name	Material
1	BODY	GG 25 / GGG 40.3 / Rg5
2	BONNET	GG 25 / GGG 40.3 / Rg5
3	DISC	Rg 5 / AISI 304
4	SEAT	Rg 5 / AISI 304
5	SPINDLE	CuZn / X 20Cr 13
6	DISC NUT	M5 58
7	SECURITY SHEET	AISI 304
8	CONE	M5 58
9	GLAND	GGG 40.3
10	GLAND PACKING	GRAPHITE
11	T BOLT	SAE 1040 / SAE 1050 (5.8)
12	STUD & NUT	SAE 1040 / SAE 1050 (8.8)
13	GASKET	KLINGERIT
14	HANDWHEEL	GG 25

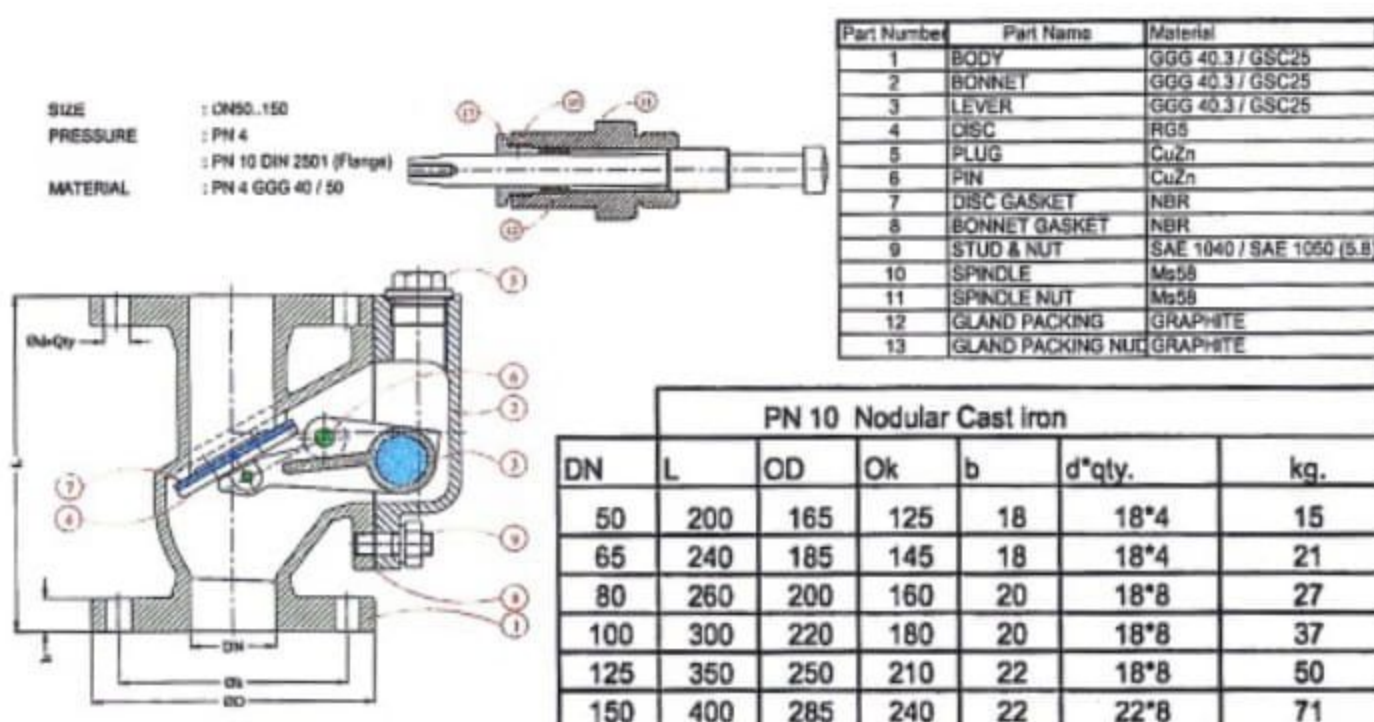
PN 16 Cast iron / Ductile iron / Rg 5										
DN	L	H	V	ØD	Øk	Øg	f	b	ØdaQty	WEIGHT kg
15	90	155	120	95	65	45	2	14	14x4	4
20	95	155	120	105	75	58	2	16	14x4	5
25	100	170	140	115	85	68	2	16	14x4	6
32	105	175	140	140	100	78	2	18	18x4	7
40	115	195	160	150	110	88	3	18	18x4	11
50	125	205	160	165	125	102	3	20	18x4	13
65	145	225	180	185	145	122	3	20	18x4	17
80	155	250	200	200	160	138	3	22	18x4	24
100	175	305	225	220	180	158	3	24	18x4	34
125	200	315	250	250	210	188	3	26	18x4	54
150	225	380	300	285	240	212	3	26	22x8	73
200	275	425	400	340	295	268	3	30	22x12	101
250	325	470	520	405	355	320	3	32	26x12	190
300	375	550	520	460	410	378	4	32	26x12	342
350	425	630	640	520	470	438	4	36	26x16	452
400	475	770	640	580	525	490	4	38	30x16	-



GVs VALVE

STORM VALVE STRAIGHT

Storm valves are used in marine applications and they are used on the waste circuits. They allow fluid to flow in one direction. Ductile iron, Bronze or Carbon Steel Storm Valves are produced as Straight or Angle Form with or without closing device.

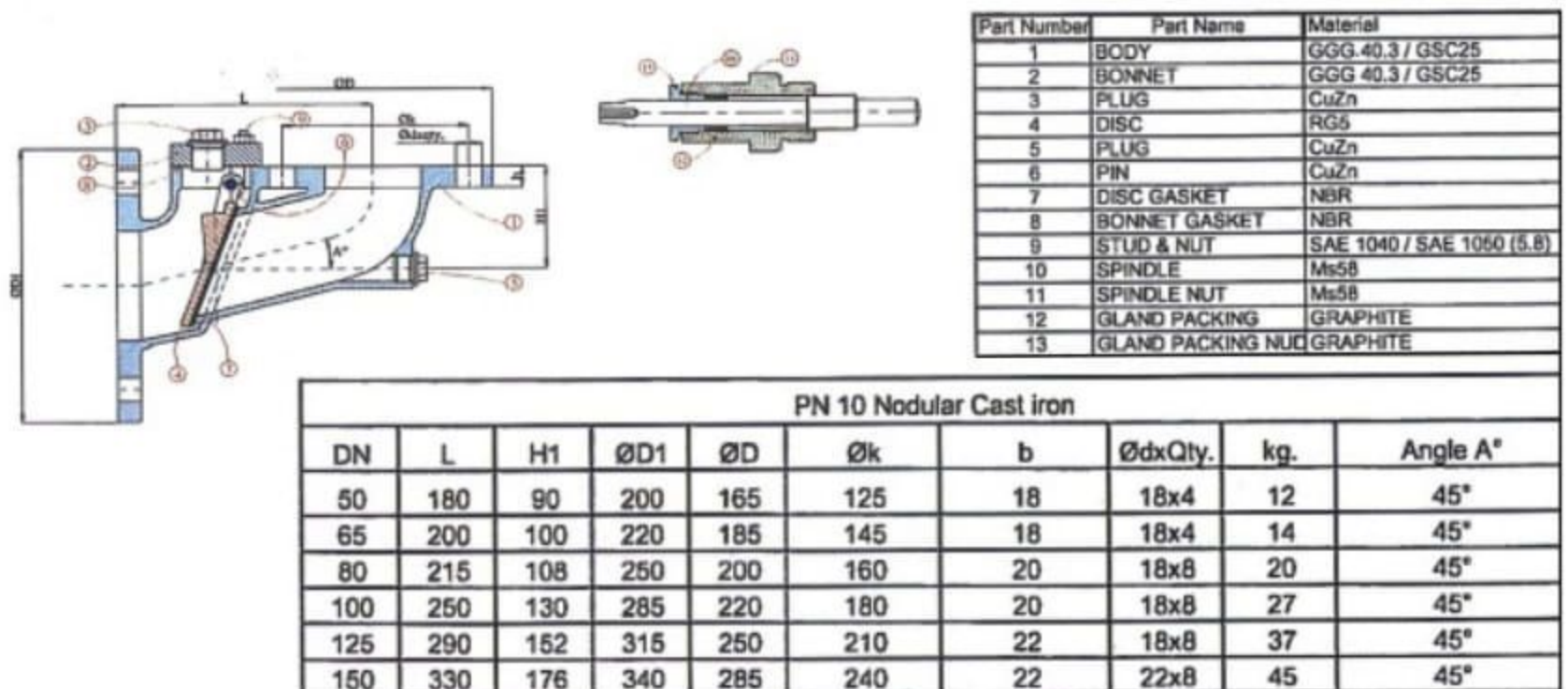


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Pressure Values	Max. up to 16 bar
Temperature Range	from -10°C up to 300°C according to material structure.
Applications	Textile industry -Energy production facilities -Refinerie are -Petrochemistry - Ship construction industry -Food facilities -Chemistry factories -Paper

STORM VALVE ANGLE

Material Structure	Body: GG-25 Cast iron Internal parts: Stainless Steel
Links	Flanged
nominal Diameter	DN15 (1/2") - DN200 (8")
Pressure Values	Max. up to 16 bar
Temperature Range	from -10°C up to 300°C according to material structure.
Applications	Textile industry -Energy production facilities -Refinerie are -Petrochemistry - Ship construction industry -Food facilities -Chemistry factories -Paper

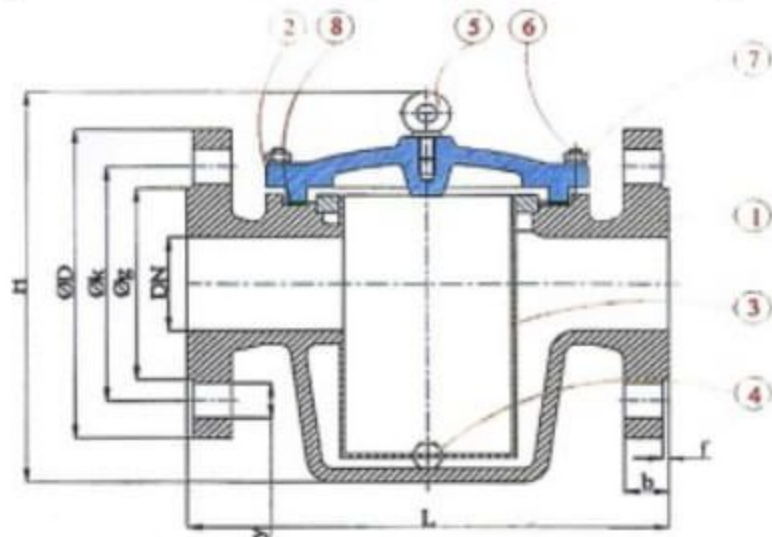
Storm valves are used in marine applications and they are used on the waste circuits. They allow fluid to flow in one direction. Ductile iron, Bronze or Carbon Steel Storm Valves are produced as Straight or Angle Form with or without closing device.



GVs VALVE

MUD BOXES (STRAIGHT TYPE)

Material Structure	Body: GG-25 Cast iron Internal parts: Stainless Steel
Links	Flanged
nominal Diameter	DN15 (1/2") - DN200 (8")
Pressure Values	Max. up to 16 bar
Temperature Range	from -10°C up to 300°C according to material structure.
Applications	Textile industry -Energy production facilities -Refineri are -Petrochemistry - Ship construction industry -Food facilities -Chemistry factories -Paper



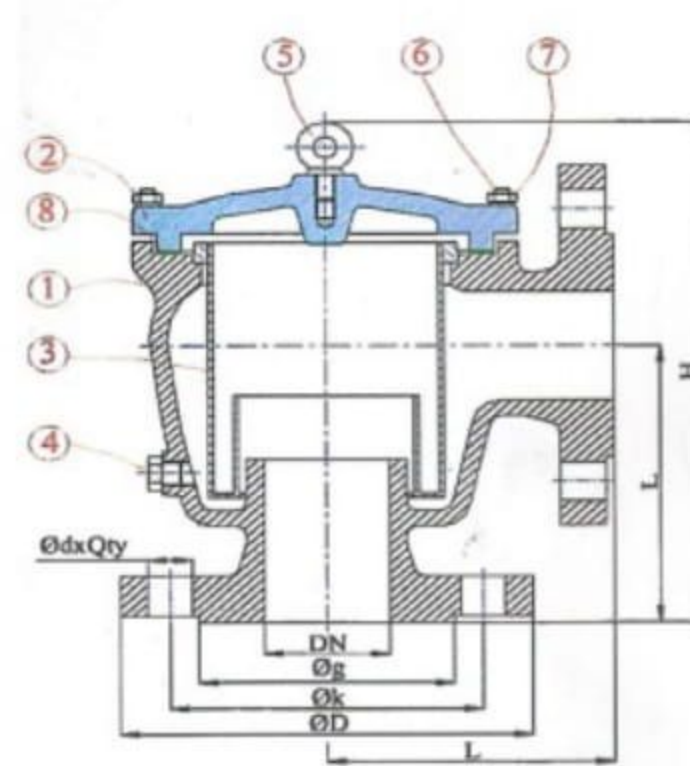
Part Number	Part Name	Material
1	BODY	GG 25 / GGG 40.3
2	BONNET	GG 25 / GGG 40.3
3	BASKET	AISI 316
4	PLUG	Ms58
5	EYE BOLT	C15
6	STUD	SAE 1040 / SAE 1050 (8.8)
7	NUT	SAE 1040 / SAE 1050 (8.8)
8	O RING	NBR

PN 10 Cast iron									
DN	L	H	ØD	Øk	Øg	f	b	ØdxAd.	WEIGHT kg
25	160	160	115	85	68	2	16	14x4	8
40	200	205	150	110	88	3	18	18x4	12
50	230	225	165	125	102	3	20	18x4	16
65	290	260	185	145	122	3	20	18x4	22
80	310	310	200	160	138	3	22	18x8	28
100	350	345	220	180	158	3	24	18x8	38
125	400	395	250	210	188	3	26	18x8	51
150	480	465	285	240	212	3	26	22x8	73
200	600	565	340	295	268	3	26	22x8	138
DIN 3202 / F1									
250	600	610	395	350	320	3	28	22x12	152
300	700	675	445	400	370	4	28	22x12	205
350	800	790	505	460	430	4	30	22x16	280
DIN 3202 / F6									
400	740	990	565	515	482	4	32	26x16	370
500	1100	1350	670	620	585	4	34	26x20	510



The function of Mud Boxes are like strainers. The screen is in the form of a basket with a lifting handle so that all particulate captured and retained by the screen can be easily removed for disposal. They are intended for applications where larger amounts of solite particulate are expected and where clean out will be frequent.

MUD BOXES (ANGLE TYPE)



Part Number	Part Name	Material
1	BODY	GG 25 / GGG 40.3
2	BONNET	GG 25 / GGG 40.3
3	BASKET	AISI 316
4	PLUG	Ms58
5	EYE BOLT	C15
6	STUD	SAE 1040 / SAE 1050 (8.8)
7	NUT	SAE 1040 / SAE 1050 (8.8)
8	O RING	NBR

Material Structure	Body: GG-25 Cast iron Internal parts: Stainless Steel
Links	Flanged
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Applications	Textile industry -Energy production facilities -Refineri are -Petrochemistry - Ship construction industry -Food facilities -Chemistry factories -Paper

DN	L	H	ØD	Øk	Øg	f	b	ØdxQty	WEIGHT kg
25	100	173	115	85	68	2	16	14x4	8.5
40	125	240	150	110	88	3	18	18x4	13.5
50	135	260	165	125	102	3	20	18x4	18.5
65	150	280	185	145	122	3	20	18x4	22
80	175	330	200	160	138	3	22	18x8	31
100	195	350	220	180	158	3	24	18x8	42
125	220	415	250	210	188	3	26	18x8	57
150	270	470	285	240	212	3	26	22x8	80
200	300	540	340	295	268	3	26	22x8	117
250	390	660	395	350	320	3	28	22x12	168
300	450	760	445	400	370	4	28	22x16	235
350	400	730	505	460	430	4	30	26x16	291
400	420	820	565	515	482	4	32	26x16	385

GVs VALVE

GATE VALVE

Material Structure	Body: GG-25 Cast iron Internal parts: Stainless Steel
Links	Flanged
nominal Diameter	DN15 (1/2") - DN200 (8")
Pressure Values	Max. up to 16 bar
Temperature Range	from -10°C up to 300°C according to material structure.
Applications	Textile industry -Energy production facilities -Refineri are -Petrochemistry - Ship construction industry -Food facilities -Chemistry factories -Paper

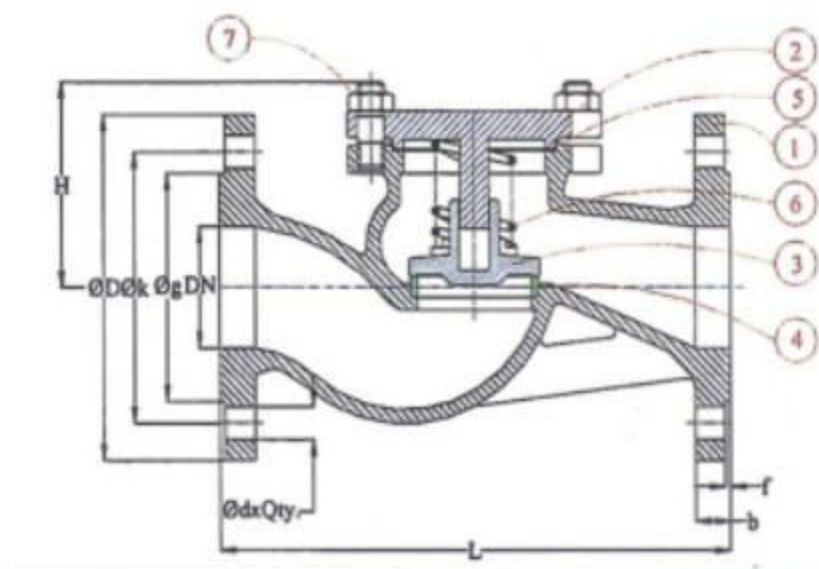


Gate valves (slide valves), the fluid passage between the two sealing rings, via direction perpendicular to a sliding disk (the slide) implement the close opening task. Valve flat surface is closed by disc or slide and block the flow. As will be single slide member may be multipart. Fully open or fully closed as work is preferred. It is not preferred because for precision flow control.

Gate valves (sliding valve) is used in some fluids; water, hot water, superheated water, compressed air, fuel, and chemicals are liquid.

PN 10 Cast iron / Ductile iron														PN 16 Cast iron / Ductile iron													
DN	L	H	V	ØD	Øk	Øg	f	b	ØdxQty	WEIGHT kg	DN	L	H	V	ØD	Øk	Øg	f	b	ØdxQty	WEIGHT kg	DN					
40	140	220	140	150	110	88	3	18	18x4	10	150	110	88	3	18	18x4	11	140	11	40							
50	150	235	140	165	125	102	3	20	18x4	11	165	125	102	3	20	18x4	12	150	12	50							
65	170	260	160	185	145	122	3	22	18x4	16	185	145	122	3	22	18x4	17	170	17	65							
80	180	285	160	200	160	138	3	22	18x4	18	200	160	138	3	22	18x4	21	180	21	80							
100	190	320	200	220	180	158	3	24	18x8	28	220	180	158	3	24	18x8	26	190	26	100							
125	200	395	200	250	210	188	3	26	18x8	37	250	210	188	3	26	18x8	41	200	41	125							
150	210	435	200	285	240	212	3	26	22x8	48	285	240	212	3	26	22x8	50	210	50	150							
200	230	530	250	340	295	268	3	26	22x8	74	340	295	268	3	30	22x12	80	230	80	200							
250	250	630	315	395	330	320	3	28	22x12	114	405	355	320	3	32	26x12	122	250	122	250							
300	270	735	315	445	400	370	4	28	22x12	154	460	410	378	4	32	26x12	162	300	162	300							
350	290	830	400	505	460	430	4	30	22x16	188	520	470	438	4	36	26x16	220	350	220	350							
400	310	935	400	565	515	482	4	32	26x16	240	580	525	490	4	38	30x16	281	400	281	400							
500	330	1135	500	670	620	585	4	34	26x20	340	715	650	610	4	42	33x20	441	500	441	500							
600	390	1360	500	780	725	685	5	36	30x20	520	840	770	725	5	48	36x20	600	600	600	600							

Part Number	Part Name	Material
1	BODY	GG 25 / GGG 40.3
2	BONNET	GG 25 / GGG 40.3
3	WEDGE	GG 25 / GGG 40.3
4	BODY SEAT	Rg 5 / AISI 304
5	WEDGE SEAT	Rg 5 / AISI 304
6	STEM	Ms 88 / X 20Cr 13
7	WEDGE NUT	Rg 5 / GGG 40.3
8	STUFFING BOX	GGG 40.3
9	ISLAND	GGG 40.3
10	ISLAND PACKING	TEFLON
11	BONNET GASKET	KLINGERIT
12	STUFFING BOX GASKET	KLINGERIT
13	HANDWHEEL	GG 25
14	BOLT	S.S
15	NUT	S.S
16	WASHER	SAE 1040 / SAE 1060



Part Number	Part Name	Material
1	BODY	GG25 / GGG 40.3
2	BONNET	GG25 / GGG 40.3
3	DISC	Rg5 / X20Cr13
4	SEAT	Rg5 / AISI 304
5	GASKET	KLINGERIT
6	SPRING	301
7	BOLT & NUT	SAE 1040 / SAE 1050 (8.8)

PN 16 Cast iron / Ductile iron																			
DN	L	H	ØD	Øk	Øg	f	b	ØdxQty	WEIGHT kg	DN	L	H	ØD	Øk	Øg	f	b	ØdxQty	WEIGHT kg
15	130	75	95	65	45	2	14	14x4	3	15	130	75	95	65	45	2	14	14x4	3
20	150	75	105	75	58	2	16	14x4	4	20	150	75	105	75	58	2	16	14x4	4
25	160	85	115	85	68	2	16	14x4	5	25	160	85	115	85	68	2	16	14x4	5
32	180	90	140	100	78	2	18	18x4	7	32	180	90	140	100	78	2	18	18x4	7
40	200	95	150	110	88	3	18	18x4	9	40	200	95	150	110	88	3	18	18x4	9
50	230	100	165	125	102	3	20	18x4	12.5	50	230	100	165	125	102	3	20	18x4	12.5
65	290	135	185	145	122	3	20	18x4	18	65	290	135	185	145	122	3	20	18x4	18
80	310	135	200	160	138	3	22	18x8	23	80	310	135	200	160	138	3	22	18x8	23
100	350	175	220	180	158	3	24	18x8	33	100	350	175	220	180	158	3	24	18x8	33
125	400	205	250	210	188	3	26	18x8	52	125	400	205	250	210	188	3	26	18x8	52
150	480	225	285	240	212	3	26	22x8	70	150	480	225	285	240	212	3	26	22x8	70
200	600	270	340	295	268	3	30	22x12	130	200	600	270	340	295	268	3	30	22x12	130
250	730	290	405	355	320	3	32	26x12	186	250	730	290	405	355	320	3	32	26x12	186
300	850	360	460	410	378	4	32	26x12	339	300	850	360	460	410	378	4	32	26x12	339

Material Structure	Body: GG-25 Cast iron Internal parts: Stainless Steel
Links	Flanged
nominal Diameter	DN15 (1/2") - DN200 (8")
Pressure Values	Max. up to 16 bar
Temperature Range	from -10°C up to 300°C according to material structure.
Applications	Textile industry -Energy production facilities -Refineri are -Petrochemistry - Ship construction industry -Food facilities -Chemistry factories -Paper

CHECK VALVE STRAIGHT

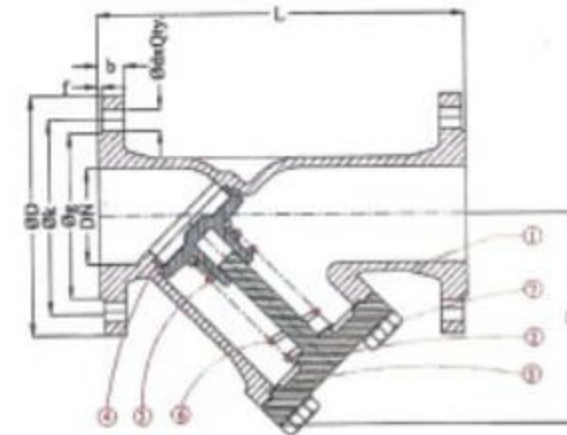
The main task of check valves in the pipe lines is to prevent the possibility of reverse flow of the fluid when the fluid stops. lift type check valve closed very fast because of the movement of its disc and prevent to reverse flow. With this way, it minimizes the water impacts in the system. They are also known as globe type of check valves and they are installed in the pumping side in the line.



GVs VALVE

Y TYPE VALVE

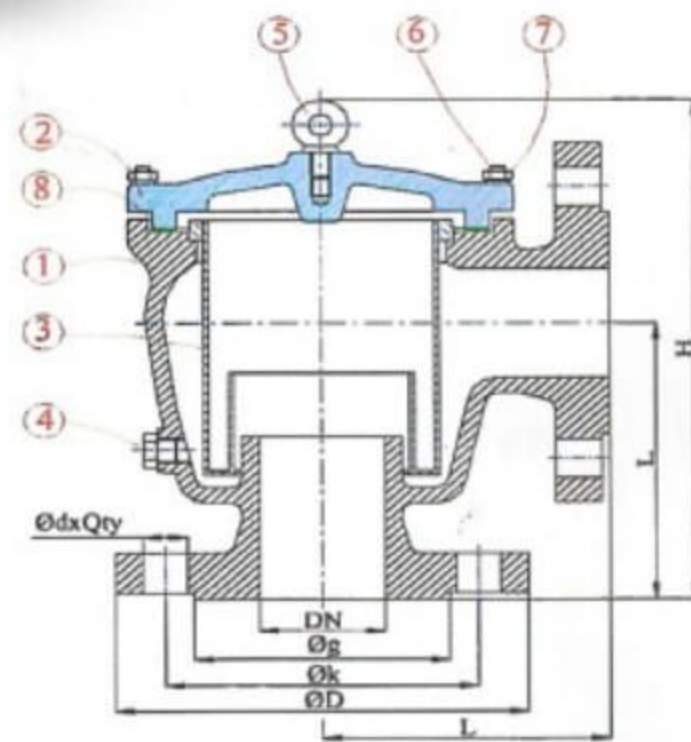
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Part Number	Part Name	Material
1	BODY	GG25 / GGG 40.3
2	BONNET	GG25 / GGG 40.3
3	DISC	Rg5 / X20Cr13
4	SEAT	Rg5 / AISI 304
5	GASKET	KLINGERIT
6	SPRING	301
7	BOLT	SAE 1040 / SAE 1050 (8.8)

PN 16 Cast iron / Ductile iron									
DN	L	H	ØD	Øk	Øg	f	b	ØdxQty	WEIGHT kg
15	130	75	95	65	45	2	14	14x4	2.3
20	150	75	105	75	58	2	16	14x4	3
25	160	90	115	85	68	2	16	14x4	4
32	180	90	140	100	78	2	18	18x4	5
40	200	110	150	110	88	3	18	18x4	7
50	230	120	165	125	102	3	20	18x4	10
65	290	140	185	145	122	3	20	18x4	14
80	310	170	200	160	138	3	22	18x8	20
100	350	220	220	180	158	3	24	18x8	30
125	400	260	250	210	188	3	26	18x8	48.5
150	480	300	285	240	212	3	26	22x8	68
200	600	360	340	295	268	3	30	22x12	128
250	730	440	405	355	320	3	32	26x12	180
300	850	525	460	410	378	4	32	26x12	210

CHECK VALVE ANGLE

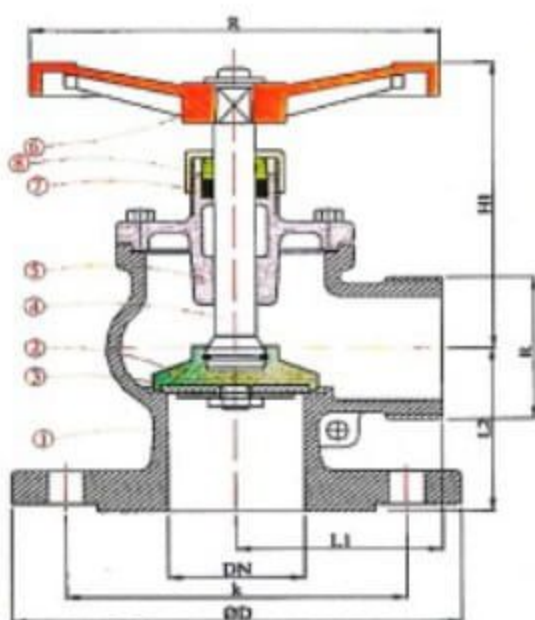


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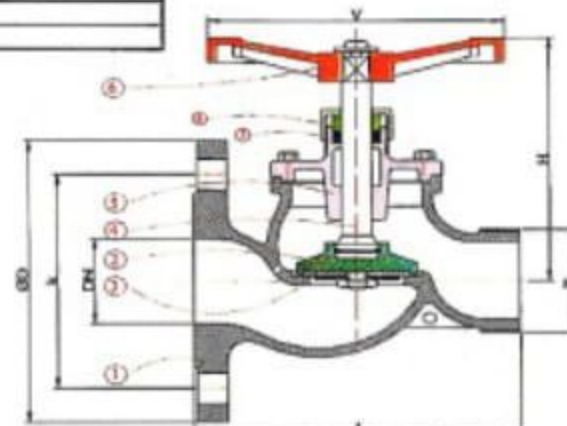
Part Number	Part Name	Material
1	BODY	GG 25 / GGG 40.3
2	BONNET	GG 25 / GGG 40.3
3	BASKET	AISI 316
4	PLUG	Ms58
5	EYE BOLT	C15
6	STUD	SAE 1040 / SAE 1050 (8.8)
7	NUT	SAE 1040 / SAE 1050 (8.8)
8	O RING	NBR

DN	L	H	ØD	Øk	Øg	f	b	ØdxQty	WEIGHT kg
25	100	173	115	85	68	2	16	14x4	8.5
40	125	240	150	110	88	3	18	18x4	13.5
50	135	260	165	125	102	3	20	18x4	18.5
65	150	280	185	145	122	3	20	18x4	22
80	175	330	200	160	138	3	22	18x8	31
100	195	350	220	180	158	3	24	18x8	42
125	220	415	250	210	188	3	26	18x8	57
150	270	470	285	240	212	3	26	22x8	80
200	300	540	340	295	268	3	26	22x8	117
250	390	660	395	350	320	3	28	22x12	168
300	450	760	445	400	370	4	28	22x16	235
350	400	730	505	460	430	4	30	26x16	291
400	420	520	980	565	515	4	32	26x16	385

FIRE VALVE



Part Number	Part Name	Material
1	BODY	Rg5 / Rg10
2	DISC	Rg5 / Rg10
3	DISC GASKET	EPCOM
4	STEM	Ms58
5	BONNET	Rg5 / Rg10
6	HANDWHEEL	GG25
7	GLAND PACKING	GRAPHITE
8	NUT	Ms58



DN	D	k	R	L	L1	L2	H	H1	V
50	165	125	R2"	165	75	75	178	152	140
65	185	145	R2 1/2"	200	95	90	235	200	160

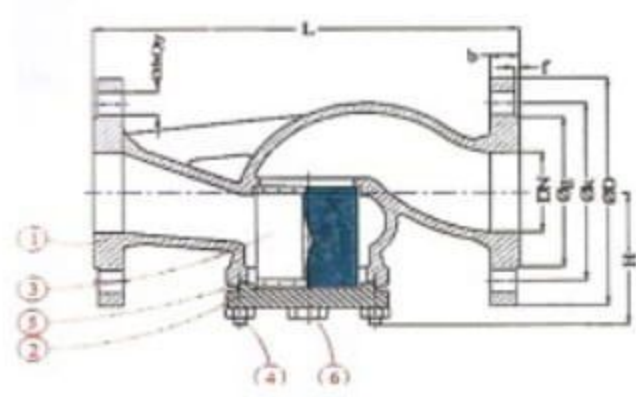
Material Structure	Body: GG-25 Cast iron Internal parts: Stainless Steel
Links	Flanged
nominal Diameter	DN15 (1/2") - DN200 (8")
Pressure Values	Max. up to 16 bar
Temperature Range	from -10°C up to 300°C according to material structure.
Applications	Textile industry -Energy production facilities -Refineri are -Petrochemistry -Ship construction industry -Food facilities -Chemistry factories -Paper



GVs VALVE

Mud Box, in order to filter impurities in pipelines have a wide application field. Many of the existing equipment in the system (Meters, pumps, control valves, etc.) Ayvaz long life and an indispensable fixture to work properly PTY 20 is designed as a Y-type strainer. Such strainers; Without disconnecting the line is designed to be easy to do cleaning and maintenance.

Material Structure	Body: GG-25 Cast iron Internal parts: Stainless Steel
Links	Flanged
nominal Diameter	DN15 (1/2 ") - DN200 (8')
Pressure Values	Max. up to 16 bar
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Applications	Textile industry -Energy production facilities -Refineri are -Petrochemistry - Ship construction industry -Food facilities -Chemistry factories -Paper



Part Number	Part Name	Material
1	BODY	GG25
2	BONNET	GG25
3	FILTER	AISI 304
4	BOLT	SAE 1040 / SAE 1050 (8.8)
5	GASKET	KLINGERIT
6	PLUG	Ms58

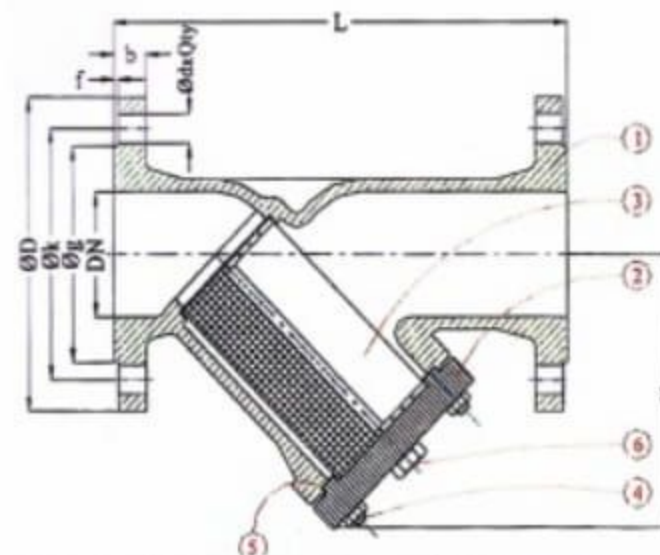
PN 16 Cast iron										
DN	L	H	ØD	Øk	Øg	f	b	ØdxQty	WEIGHT kg	
15	130	75	95	65	45	2	14	14x4	3	
20	150	75	105	75	58	2	16	14x4	4	
25	160	85	115	85	68	2	16	14x4	5	
32	180	90	140	100	78	2	18	18x4	7	
40	200	95	150	110	88	3	18	18x4	9	
50	230	100	165	125	102	3	20	18x4	12.5	
65	290	135	185	145	122	3	20	18x4	18	
80	310	135	200	160	138	3	22	18x8	23	
100	350	175	220	180	158	3	24	18x8	33	
125	400	205	250	210	188	3	26	18x8	52	
150	480	225	285	240	212	3	26	22x8	70	
200	600	270	340	295	268	3	30	22x12	130	
250	730	290	405	355	320	3	32	26x12	186	
300	850	360	460	410	378	4	32	26x12	339	



Y TYPE STRAINER

Material Structure	Body: GG-25 Cast iron Internal parts: Stainless Steel
Links	Flanged
nominal Diameter	DN15 (1/2 ") - DN200 (8')
Pressure Values	Max. up to 16 bar
Temperature Range	from -10°C up to 300°C according to material structure.
Applications	Textile industry -Energy production facilities -Refineri are -Petrochemistry - Ship construction industry -Food facilities -Chemistry factories -Paper

Strainers are used for protecting equipments such as meter, pumps and control valves from the solid particles in the system and installed their side. They have stainless steel filters and inside of filters can be clean periodically or can be changed with the new one by removing the plugs on the valve. As this reason, there is a plug on the bonnet or bottom of the body depends on the type of strainer. filter's location in the valve allows high particulate collecting capacity and minimum pressure loss. Y Type Strainers are used mainly where small amounts of solid particulate are expected and where clean out will be infrequent.



Part Number	Part Name	Material
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2	BONNET	GG25
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4	BOLT	SAE 1040 / SAE 1050 (8.8)
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PN 16 Cast iron										
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40	200	110	150	110	88	3	18	18x4	7	
50	230	120	165	125	102	3	20	18x4	10	
65	290	140	185	145	122	3	20	18x4	14	
80	310	170	200	160	138	3	22	18x8	20	
100	350	220	220	180	158	3	24	18x8	30	
125	400	260	250	210	188	3	26	18x8	48.5	
150	480	300	285	240	212	3	26	22x8	68	
200	600	360	340	295	268	3	30	22x12	128	
250	730	440	405	355	320	3	32	26x12	180	
300	850	525	460	410	378	4	32	26x12	210	