

SERIES 101R REDUCE PORT ONE-PIECE

ITALY **FLOLINE**

STAINLESS STEEL SUS304 A351 Gr-CF8
STAINLESS STEEL SUS316 A351 Gr-CF8M

FEATURES:

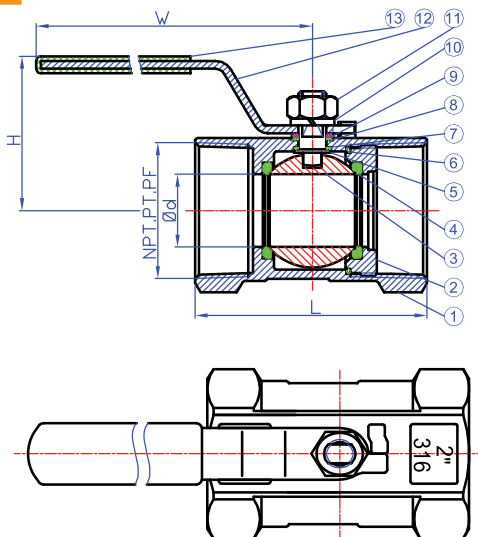
- PIPE THREAD IN ACCORDANCE: NPT, BSPT, DIN259, DIN2999, ISO 228 CLASS A
- BLOW-OUT PROOF STEM / REDUCE PORT
- 1000PSI(PN63)W.O.G.

MATERIALS LIST:

NO.	PART NAME	MATERIAL	
1	BODY	CF8	CF8M
2	CAP	CF8	CF8M
3	BALL	CF8	CF8M
4	SEAT	PTFE	
5	STEM	SUS304	SUS316
6	GASKET	PTFE	
7	THRUST WASHER	PTFE	
8	PACKING	PTFE	
9	WASHER	SUS304	
10	SPRING WASHER	SUS304	
11	STEM NUT	SUS304	
12	HANDLE	SUS304	
13	PLASTIC COVER	PLASTIC	

DIMENSIONS:

SIZE		d	L	H	W
DN	NPS				
15	1/2"	9.5	54	41	96
20	3/4"	13	57	45	96
25	1"	16	69	52	116
32	1 1/4"	20	75	57	116
40	1 1/2"	25	80	62	158
50	2"	32	97	68	158



SERIES 201R FULL PORT TWO-PIECE BALL VALVE SCREWED

ITALY **FLOLINE**

FEATURES:

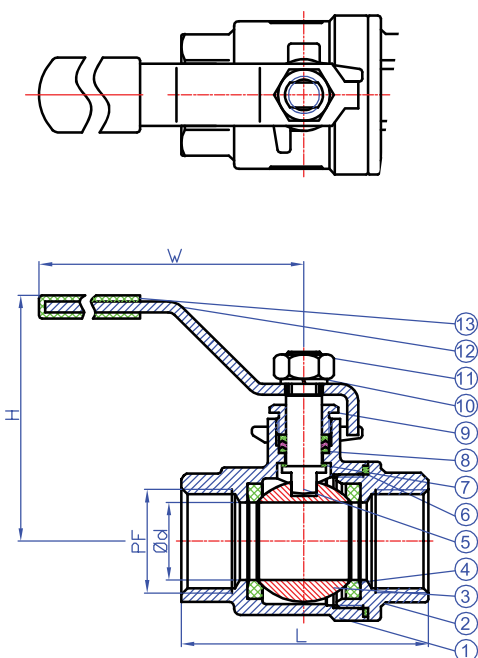
- PIPE THREAD IN ACCORDANCE: PF
- BLOW-OUT PROOF STEM / FULL PORT
- 1000PSI(PN63)W.O.G.

MATERIALS LIST:

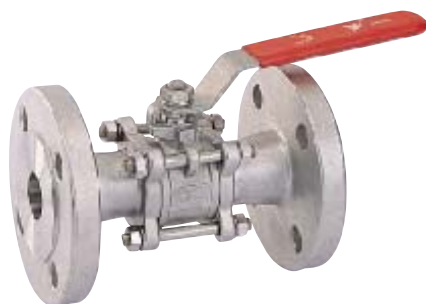
NO.	PART NAME	MATERIAL	
1	BODY	CF8	CF8M
2	CAP	CF8	CF8M
3	BALL	CF8	CF8M
4	SEAT	PTFE	
5	STEM	SUS304	SUS316
6	GASKET	PTFE	
7	THRUST WASHER	PTFE	
8	PACKING	PTFE	
9	GLAND	SUS304	
10	SPRING WASHER	SUS304	
11	STEM NUT	SUS304	
12	HANDLE	SUS304	
13	PLASTIC COVER	PLASTIC	

DIMENSIONS:

SIZE		d	L	H	W
DN	NPS				
15	1/2"	15	48	60	108
20	3/4"	20	60	65	108
25	1"	25	74	74	128
40	1 1/2"	38	96	86	183
50	2"	50	113	94	183



SERIES 301 FULL PORT THREE-PIECE

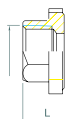
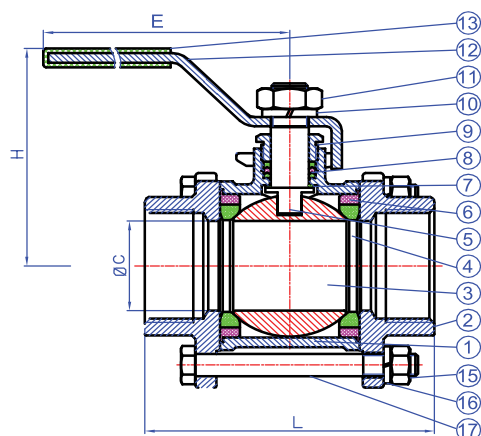


FEATURES:

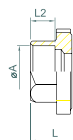
- PIPE THREAD IN ACCORDANCE:PF
- BLOW-OUT PROOF STEM / FULL PORT
- 1000PSI(PN63)W.O.G.
- LOCKING DEVICE

MATERIALS LIST:

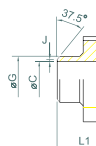
NO.	PART NAME	MATERIAL	
1	BODY	CF8	CF8M
2	CAP	CF8	CF8M
3	BALL	CF8	CF8M
4	SEAT	PTFE	
5	STEM	SUS304	SUS316
6	GASKET	PTFE	
7	THRUST WASHER	PTFE	
8	PACKING	PTFE	
9	GLAND	SUS304	
10	SPRING WASHER	SUS304	
11	STEM NUT	SUS304	
12	HANDLE	SUS304	
13	PLASTIC COVER	PLASTIC	
14	HEX NUT	SUS304	
15	BOLT WASHER	SUS304	
16	JOINT BOLT	SUS304	



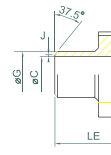
THREADED END



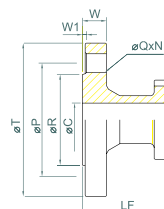
SOCKET WELD END



BUTT WELD END



EXTENDED BUTT WELD END



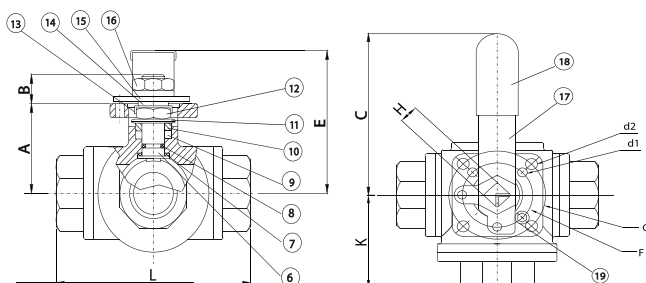
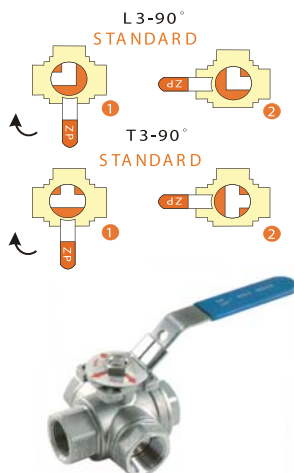
FLANGE END (PN25/40 F1)

DIMENSIONS (mm)

SIZE	øA	øC	E	F	øG	H	J	L	L1	L2	LE	LF	N	øP	øQ	øR	øT	W	W1	W(Kg)
1/4"	14.1	11.6	100	5.0	14.0	50	1.6	56.6	56.6	10	225	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.35
3/8"	17.6	12.7	100	5.0	17.5	50	1.6	56.6	56.6	10	225	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.33
1/2"	21.7	15.0	130	6.5	22.7	60	1.6	65.5	65.5	10	225	130	4	65	14	45	95	16	2	0.56
3/4"	27.3	20.0	130	6.5	27.5	64	1.6	76.2	76.2	13	225	150	4	75	14	58	105	18	2	0.75
1"	34.1	25.0	165	8.0	33.5	71	1.6	86	86	13	245	160	4	85	14	68	115	18	2	1.035
1 1/4"	42.8	32.0	165	8.0	42.0	78	1.6	102.8	102.8	13	255	180	4	100	18	78	140	18	2	1.74
1 1/2"	48.7	38.0	190	9.7	48.6	86	1.6	119	119	13	260	200	4	110	18	88	150	18	3	2.41
2"	61.0	50.0	190	9.7	60.5	95	1.6	131.4	131.4	16	275	230	4	125	18	102	165	20	3	3.66
2 1/2"	ANSI 73.5 PN 76.6	65.0	250	12.0	76.3	130	2.0	164	164	16	334	290	8	145	18	122	185	22	3	7.1
3"	90.0	80.0	250	12.0	90.0	148	2.0	182.5	182.5	16	354	310	8	160	18	138	200	24	3	10.5
4"	115.2	100	280	15.0	116.0	185	3.5	235.6	236.2	20	365	350	8	190	22	162	235	24	3	20.76

SPECIFICATION

Design & Making: According to ANSI B 16.34
 Inspection & Test: API 598
 Structure lenght: According to GB/T 15188.3-94
 Blow-out proof stem design, 100 % air tested under water at 80 - 100 psi
 Working pressure: 800 psi (55 bar)
 Temperature range: - 20 LC to 232LC
 Connection: Female threaded (BSPT, NPT, BSP, DIN2999, ISO7/1-1982)
 Application medium: WOG, NITRIC ACID, ACETIC ACID
 chemical and industrial application
 Material: ASTM A351 - CF8M (316), DIN 1.4408



DIMENSION

STD PORT	A	B	C	d1	d2	E	F	G	H	K	L	Port
1/2"	38.5	11	130	6.0	6.0	62	36	42	9	36	72	12
3/4"	42	11	130	6.0	6.0	64	36	42	9	41.5	83	15
1"	49	14	165	6.0	7.1	82	42	50	11	49.5	99	20
1 1/4"	55	14	165	6.0	7.1	89	42	50	11	56	112	25
1 1/2"	63	18	205	7.1	9.2	98	50	70	14	62.5	125	32
2"	74	18	205	7.1	9.2	108	50	70	14	74.5	149	38

MATERIALS LIST

ITEM	PART NAME	MATERIALS
1	END CAP	CF8M
2	GASKET	PTFE
3	BODY	CF8M
4	BALL	SS 316
5	SEA T	PTFE
6	STEM	SS 316
7	THRUST WASHER	RPTF E
8	O-RING	VITON
9	STEM PACKING	PTFE
10	GLAND	SS 304
11	DISK WASHER	SS 301
12	STEM NUT	SS 304
13	NUT STOP	SS 304
14	SPACE WASHER	SS 304
15	STOPPER PLATE	SS 304
16	HANDLE UNT	SS 304
17	HANDLE	SS 304
18	SLEEVE	PLASTIC
19	STOP PIN	SS 304

SPECIFICATION

Design & Making: According to ANSI B 16.34
 Inspection & Test: API 598
 Structure lenght: According to GB/T 15188.3-94
 Blow-out proof stem design, 100 % air tested under water at 80 - 100 psi
 Working pressure: 200 psi (14 bar)
 Temperature range: - 20 LC to 232LC
 Connection: CLASS 150/300
 PN16/40
 JIS 10K/20K
 Application medium: WOG, NITRIC ACID, ACETIC ACID
 chemical and industrial application
 Material: ASTM A351 - CF8M (316), DIN 1.4408

SERIES 502F

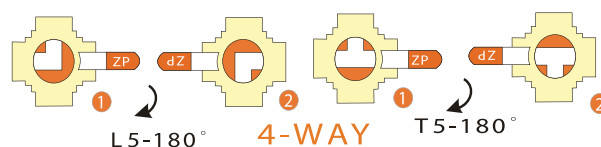
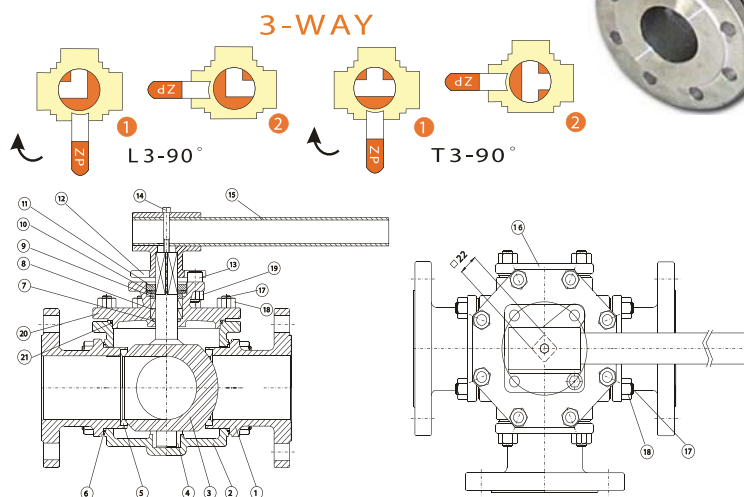
3 - WAYS BALL VALVE FLANGED

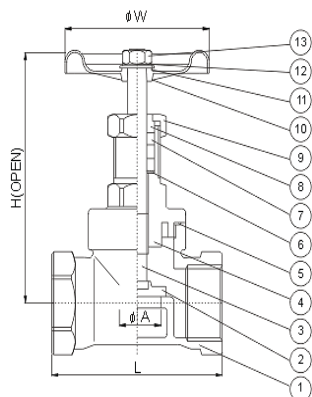
SIZE 2.1/2" - 6"



MATERIALS LIST

ITEM	PART NAME	MATERIALS
1	FLANGED END	CF8M / WCB
2	BODY	CF8M / WCB
3	BALL & STEM	SS 316/ SS 304
4	HOUSING	PTFE + S STAINLESS
5	SEATS	PTFE
6	GASKET	PTFE
7	O-RING	VITON
8	STEM PACKING	PTFE
9	GLAND WASHER	SS 304
10	DISK WASHER	SS 301
11	GLAND	SS 304
12	HANDLE HEAD	A351 Gr.CF8
13	STOP PIN	SS 304
14	BOLT	SS 304
15	HANDLE	STEEL PIPE
16	BLANK CAP	CF8M / WCB
17	BOLT	SS 304
18	BOLT NUTS	SS 304
19	STOP PIN NUT	SS 304
20	BONNET	CF8M / WCB
21	BONNET GASKET	PTFE





DIMENSION

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
A M/M	11	11	12	15	20	25	32	38
L M/M	52	52	52	60	72	80	91	101
H M/M	89	89	89	97	107	125	140	165
W M/M	57	57	57	70	80	90	90	100

SPECIFICATION

Design & Making: According to ANSI B 16.34

Inspection & Test: API 598

Working pressure: 200 psi (14 bar)

Temperature range: - 20 LC to 232LC

Connection: Female threaded BSPT

Application medium: WOG

Material: ASTM A351 - CF8M (316) DIN 1.4408

MATERIALS LIST

NO	PART	Q'TY	MATERIAL
1	BODY	1	ASTM A351 GR. CF8M
2	DISC	1	SS316
3	STEM	1	SS316
4	BONNET	1	ASTM A351 GR. CF8M
5	GASKET	1	PTFE
6	WASHER	1	SS304
7	STEM PACKING	1set	PTFE
8	GLAND	1	SS304
9	GLAND NUT	1	SS304
10	HANDLE WHEEL	1	MICO STEEL
11	NAME PLATE	1	ALUMINUM
12	WASHER	1	SS304
13	NUT	1	SS304

SERIES GV202 GATE VALVE SCREWED

SPECIFICATION

Design & Making: According to ANSI B 16.34

Inspection & Test: API 598

Working pressure: 200 psi (14 bar)

Temperature range: - 20 LC to 232LC

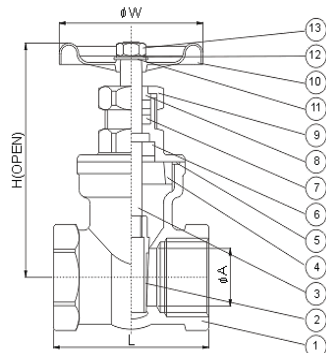
Connection: Female threaded BSPT

Application medium: WOG

Material: ASTM A351 - CF8M (316) DIN 1.4408

MATERIALS LIST

NO	PART	Q'TY	MATERIAL
1	BODY	1	ASTM A351 GR. CF8M
2	DISC	1	ASTM A351 GR. CF8M
3	STEM	1	SS316
4	BONNET	1	ASTM A351 GR. CF8M
5	GASKET	1	PTFE
6	STEM HOLDER	1	SS316
7	STEM PACKING	1set	PTFE
8	GLAND	1	SS304
9	GLAND NUT	1	SS304
10	HANDLE WHEEL	1	MICO STEEL
11	NAME PLATE	1	ALUMINUM
12	WASHER	1	SS304
13	NUT	1	SS304



DIMENSION

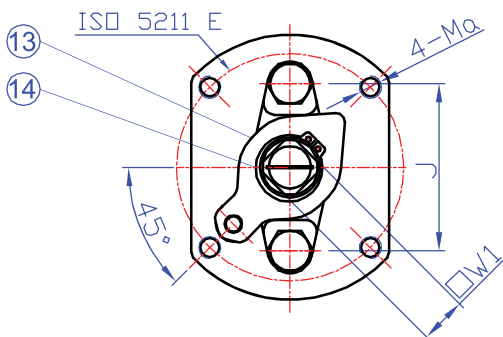
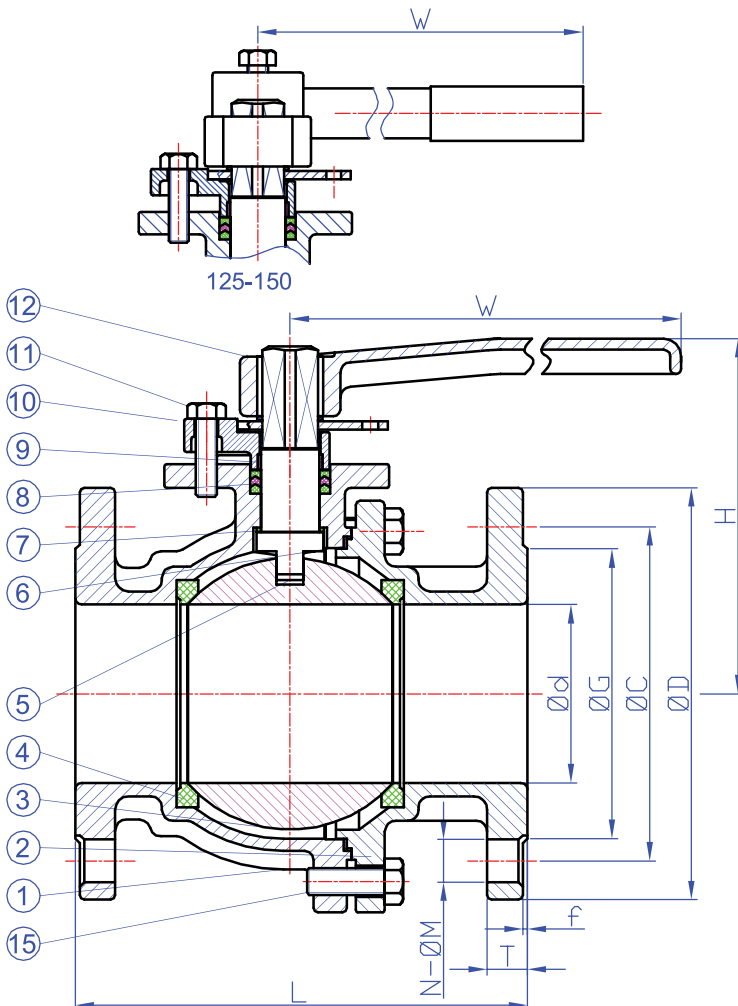
SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
A M/M	15	20	25	32	38	50
L M/M	55	60	65	75	85	95
H M/M	95	102	115	127	150	170
W M/M	70	70	80	80	90	100

FEATURES:

- FACE TO FACE DIMENSIONS: JIS B2002
- END FLANGE DIMENSIONS: JIS B2220
- TEST: JIS B2003
- WITH ISO 5211 MOUNTING PAD
- BLOW-OUT PROOF STEM / FULL PORT
- LEVER OPERATED

MATERIALS LIST:

NO.	PART NAME	MATERIAL	
1	BODY	SCS13	SCS14
2	CAP	SCS13	SCS14
3	BALL	SCS13	SCS14
4	SEAT	PTFE	
5	STEM	SUS304	SUS316
6	GASKET	PTFE	
7	THRUST WASHER	CF	
8	PACKING	PTFE	
9	STEM PACKING	PTFE	
10	GLAND	SCS13	
11	GLAND BOLT	SUS304	
12	HANDLE	FCD	
13	STOPPER	SUS304	
14	SNAP RING	SUS304	
15	BOLT	SUS304	

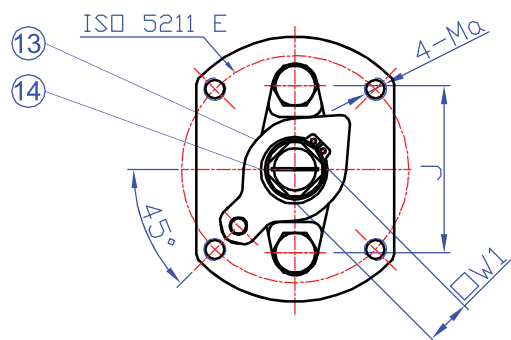
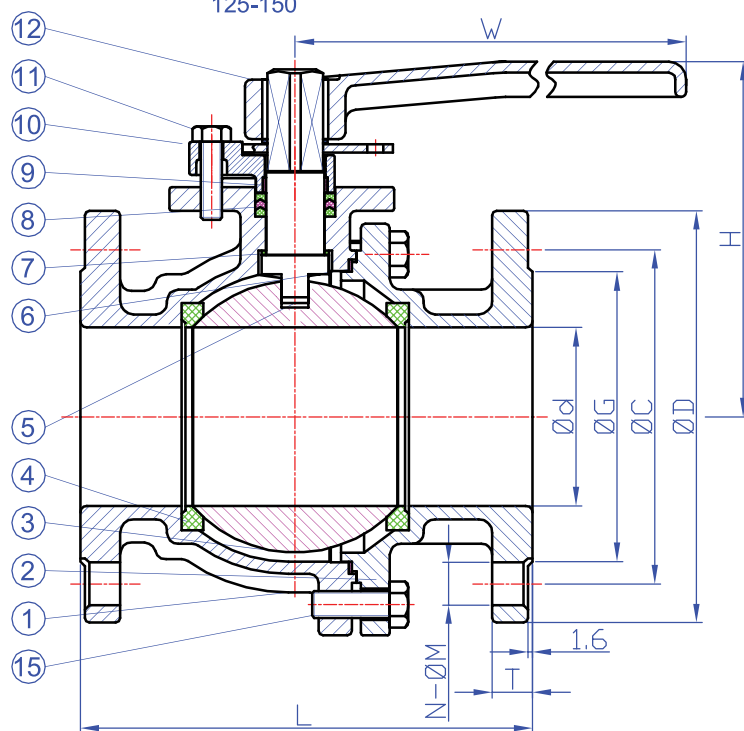
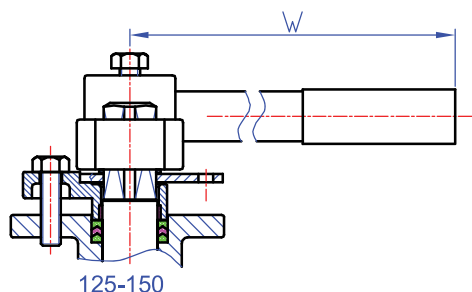


TEST PRESSURE:

SHELL (BY WATER)		2.1MPa 21.5kg/cm ²
SEAT	BY WATER	1.6MPa 16.5kg/cm ²
		0.6MPa 6kg/cm ²
	BY AIR	0.6MPa 6kg/cm ²
		6kg/cm ²

DIMENSIONS:

SIZE	d	D	C	G	f	T	N-ØM	L	H	W	W1	J	ISO 5211	E	Ma
25	25	125	90	67	1	14	4-Ø19	130	103	160	12	50	F05	50	M6
40	40	140	105	81	2	16	4-Ø19	165	112	230	17	62	F07	70	M8
50	50	155	120	96	2	16	4-Ø19	180	122	230	17	62	F07	70	M8
65	65	175	140	116	2	18	4-Ø19	190	151	350	21	75	F07	70	M8
80	80	185	150	126	2	18	8-Ø19	200	161	350	21	75	F10	102	M10
100	100	210	175	151	2	18	8-Ø19	230	175	350	21	75	F10	102	M10
125	125	250	210	182	2	20	8-Ø23	300	224	750	24	89	F12	125	M12
150	150	280	240	212	2	22	8-Ø23	340	247	750	24	89	F12	125	M12



TEST PRESSURE:

SHELL(BY WATER)		450PSI
		32kg/cm ²
SEAT	BY WATER	315PSI
		22kg/cm ²
	BY AIR	85PSI
		6kg/cm ²

FEATURES:

- FACE TO FACE DIMENSIONS:ASME B16.10
- END FLANGE DIMENSIONS:ASME B16.5
- TEST: API 598
- WITH ISO 5211 MOUNTING PAD
- BLOW-OUT PROOF STEM / FULL PORT
- LEVER OPERATED

MATERIALS LIST:

NO.	PART NAME	MATERIAL	
1	BODY	CF8	CF8M
2	CAP	CF8	CF8M
3	BALL	CF8	CF8M
4	SEAT	PTFE	
5	STEM	SUS304	SUS316
6	GASKET	PTFE	
7	THRUST WASHER	CF	
8	PACKING	PTFE	
9	STEM PACKING	PTFE	
10	GLAND	CF8	
11	GLAND BOLT	SUS304	
12	HANDLE	FCD	
13	STOPPER	SUS304	
14	SNAP RING	SUS304	
15	BOLT	SUS304	

DIMENSIONS:

SIZE	d	D	C	G	T	N-ØM	L	H	W	W1	J	ISO 5211	E	Ma
1"	25	108	79.5	51	11.1	4-Ø16	127	103	160	12	50	F05	50	M6
1 1/2"	40	127	98.5	73	14.3	4-Ø16	165	112	230	17	62	F07	70	M8
2"	50	152	120.5	92	15.9	4-Ø19	178	122	230	17	62	F07	70	M8
2 1/2"	65	178	139.5	105	17.5	4-Ø19	190	151	350	21	75	F07	70	M8
3"	80	190	152.5	127	19.1	4-Ø19	203	161	350	21	75	F10	102	M10
4"	100	229	190.5	157	23.9	8-Ø19	229	175	350	21	75	F10	102	M10
5"	125	254	216.0	186	23.9	8-Ø22	356	224	750	24	89	F12	125	M12
6"	150	279	241.5	216	25.4	8-Ø22	394	247	750	24	89	F12	125	M12

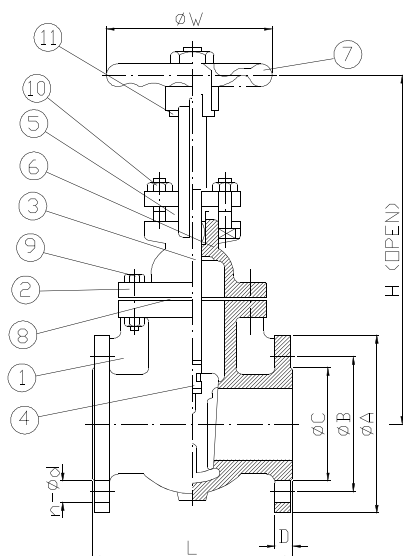
- **Port Bore:** Full Bore
- **Face-face:** ANSI-B16.10
- **Material:** CF8M (316), CF8 (304), WCB (Cast Steel)
- **Flange:** **ANSI-B16.5 Class 150/300** (EN1759-1)
- **Testing:** According to API-598, (EN12266-1,2)
- **Certificate:** EN10204-3.1B
- **Temp.:** -20°C to 200°C (-4°F to 392°F)
- **Gasket:** PTFE (Virgin Pure PTFE)
- **OPTIONS:** JIS-10K Available, Stellite Seat Available

1/2" to 2" Forged Casting
2-1/2" to 16" Sand Casting

Test Pressure		
Test	Class 150	Class 300
Shell by water	435 PSIG	1125 PSIG
Seat by water	319 PSIG	825 PSIG
Seat by air	100 PSIG	100 PSIG

SERIES GV302 GLOBE VALVE FLANGED

**Bolted Bonnet, Outside
Screw & Yoke, Rising
Stem, Hand Wheel
Operated**

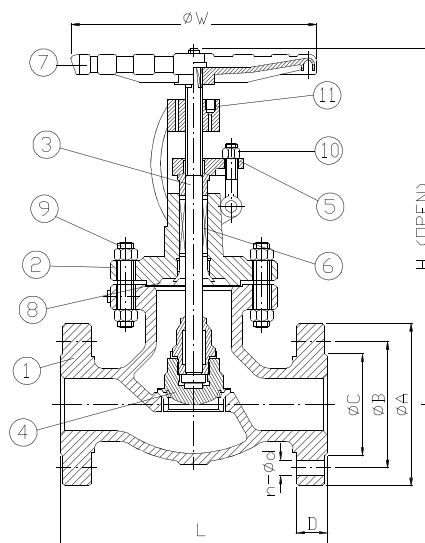


MATERIAL LIST		
NO.	PART	MATERIAL
1	Body	CF8M
2	Bonnet	CF8M
3	Stem	S/S316
4	Disc	CF8M
5	Gland	CF8M
6	Gland Packing	PTFE
7	Hand Wheel	Ductile Iron
8	Gasket	PTFE
9	Bonnet Bolt/Nut	A194-B8
10	Gland Bolt/Nut	A194-B8
11	Yoke Sleeve	Bronze/Ductile Iron

DIMENSION (mm): ANSI-150#										
INCH	MM	L	H	W	A	B	C	D	n-d	WT (KG)
1/2"	15	108	190	90	89	60.5	35	11.2	4-16	3
3/4"	20	117	200	90	98	70	43	11.2	4-16	3.5
1"	25	127	230	100	108	79.5	51	11.2	4-16	4.5
1-1/4"	32	140	270	140	117	89	64	14.3	4-16	8
1-1/2"	40	165	280	140	127	98.5	73	14.3	4-16	8
2"	50	178	320	160	152	120.5	92	15.9	4-19	10.5
2-1/2"	65	190	390	180	178	139.5	105	17.5	4-19	18
3"	80	203	415	200	190	152.5	127	19.1	4-19	21
4"	100	229	510	225	229	190.5	157	23.9	8-19	30
5"	125	254	600	250	254	216	186	23.9	8-22	43
6"	150	267	710	290	279	241.5	216	25.4	8-22	56
8"	200	292	900	330	343	298.5	270	28.6	8-22	82
10"	250	330	1117	350	406	362	324	30.2	12-25	132
12"	300	356	1324	400	483	432	381	31.8	12-25	197
14"	350	381	1480	550	533	476	413	35	12-29	285
16"	400	406	1658	600	597	539.7	470	36.6	12-29	350

SERIES GV301 GLOBE VALVE FLANGED

**Bolted Bonnet, Outside
Screw & Yoke, Rising
Stem, Hand Wheel
Operated, Yoke Integral
with Bonnet, Loose Disc,
Integral Seat Rings**

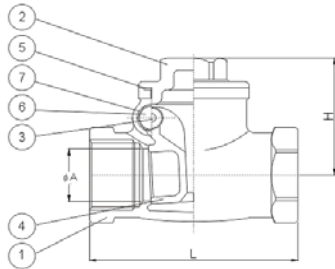


DIMENSION (mm): ANSI-150#										
INCH	MM	L	H	W	A	B	C	D	n-d	WT (KG)
1/2"	15	108	190	90	89	60.5	35	11.2	4-16	2
3/4"	20	117	200	100	98	70	43	11.2	4-16	2.5
1"	25	127	230	100	108	79.5	51	11.2	4-16	4
1-1/2"	40	165	240	140	127	98.5	73	14.3	4-16	8
2"	50	203	250	160	152	120.5	92	15.9	4-19	11.5
2-1/2"	65	216	270	180	178	139.5	105	17.5	4-19	17
3"	80	241	290	200	190	152.5	127	19.1	4-19	20
4"	100	292	350	225	229	190.5	157	23.9	8-19	31
5"	125	356	410	250	254	216	186	23.9	8-22	48
6"	150	406	520	300	279	241.5	216	25.4	8-22	60
8"	200	495	570	350	343	298.5	270	28.6	8-22	104
10"	250	622	670	400	406	362	324	30.2	12-25	165
12"	300	698	736	500	483	432	381	31.8	12-25	250



Swing Check Valve Series SCV

SIZE 1/4" - 3"



UNIT:mm

SIZE	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"
ØA M/M	13	15	20	25	32	40	50	65	80
L M/M	65	65	80	90	105	120	140	180	200
H M/M	45	45	56	62	67	73	82	93	104

SPECIFICATION

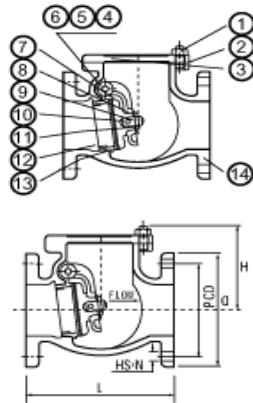
Design & Making: According to ANSI B 16.34
 Inspection & Test: API 598
 Working pressure: 200 psi (14 bar)
 Temperature range: - 20 LC to 232LC
 Connection: Female threaded BSPT
 Application medium: WOG
 Material: ASTM A351 - CF8M (316) DIN 1.4408

MATERIALS LIST

NO	PART	Q'TY	MATERIAL
1	BODY	1	ASTM A-351 GR. CF8M
2	CAP	1	ASTM A-351 GR. CF8M
3	HANGER PIN	1	SUS316
4	DISC	1	ASTM A-351 GR. CF8M
5	GASKET	1	PTFE
6	PLUG	1	SUS316
7	PLUG PACKING	1	PTFE

Swing Check Valve Flange Series SCVF

SIZE 2" - 12"



UNIT:mm

Size	50	65	80	100	125	150	200	250	300
L	203	216	241	292	330	356	495	622	698
D	152	178	190	229	254	279	343	406	483
H	117	168	181	203	255	277	330	381	410

SPECIFICATION

Design & Making: According to ANSI B 16.34
 Inspection & Test: API 598
 Working pressure: 145 psi (10 bar)
 Temperature range: - 20 LC to 232LC
 Connection: Flanged end
 JIS 10K
 PN 10,16
 Application medium: WOG
 Material: ASTM A351 - CF8M (316) DIN 1.4408

MATERIALS LIST

No	Part	Material
1	Bolt & Nut	ASTM A351 GR.CF8M
2	Gasket	PTFE
3,14	Body Cover	ASTM A351 GR.CF8M
4,5,6,7	Side Plug,Hinge,Pin	SS316
8	Washer	SS316
9	Split Pin	SS316
10,11,12,13	Disc	SS316
14	Body	ASTM A351 GR.CF8M

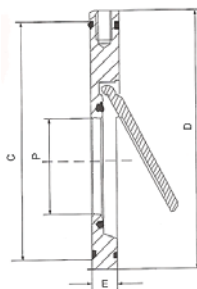
SPECIFICATION

Working Pressure: PN16
 Strength Test Pressure: 24 Bar
 Suitable Temperature: NBR:-10 -+80°C
 EPDM:-10 -+120°C
 VITON:-10 -+150°C
 Medium Fresh water, Sea water, Waste water, Foof stuff
 All kinds of oil, All kinds of acid and alkaline liquid, etc.
 UNIT:mm

DN	D	P	E	C	Weight (Kgs)
50	109	32	14	87	0.8
65	129	45	14	109	1.2
80	144	56	16	119	1.45
100	164	75	18	147	2.3
125	194	98	18	167	3.5
150	220	120	20	198	4.15
200	278	164	22	248	7
250	330	210	26	308	12.1
300	380	235	28	.	.

Thin Wafer Swing Check Valve Series TWS

SIZE 2" - 12"



MATERIALS LIST

PART	TYPE A	TYPE B
Body	*Steel	316SS
Disc	*Steel	316SS
Seat Ring	NBR/EPDM	VITON
Flange Ring	NBR/EPDM	VITON



SPECIFICATION

Working pressure: 40 bar

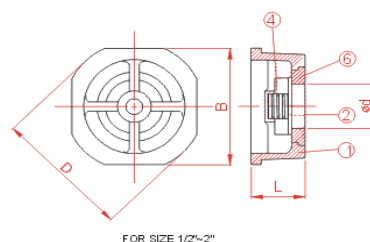
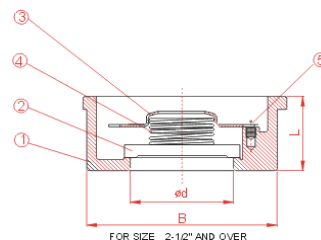
Temperature range: - 20 °C to 300 °C

Connection: Flanged wafer ANSI 150 / 300

DIN PN 16 / 40

Application medium: WOG, STEAM

Material: ASTM A351 - CF8M (316), DIN 1.4408



DIMENSIONS (mm)

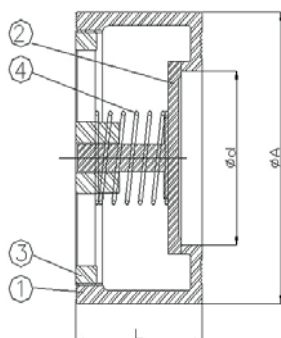
DN (mm)	inch	Ød	B	D	L	W (kg)
15	1/2"	15	45	53	16	0.1
20	3/4"	20	55	63	19	0.16
25	1"	25	65	73	22	0.28
32	1-1/4"	32	78	84	28	0.52
40	1-1/2"	38	89	94	32	0.7
50	2"	50	98	107	40	1.1
65	2-1/2"	62	118	126	46	1.58
80	3"	76.5	134	144	50	1.76
100	4"	96	154	162	60	3.3

DIMENSIONS (mm)

DN	inch	Ød	ØA	L	W(kg)
125	5"	110	190	90	10
150	6"	130	218	105	13
200	8"	170	273	140	24

MATERIALS LIST

NO.	DESCRIPTION	MATERIAL
1	BODY	EN10213-4 1.4408
2	DISC	EN10213-4 1.4408
3	CAP	EN10213-4 1.4408
4	SPRING	AISI 316



SPECIFICATION

Working pressure: SC 200 @ 16 bar

SCL 200 @ 63 bar

Temperature range: SC 200 - 20 °C to 180 °C

SCL 200 - 0 °C to 120 °C

Connection: Threaded Ends BSPT

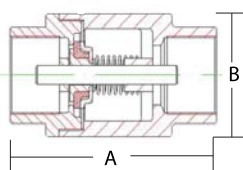
Application medium: WOG, STEAM

Material: ASTM A351 - CF8M (316), DIN 1.4408

MATERIALS LIST

NO	DESCRIPTION	MATERIAL
1	BODY	AISI 316
2	DISC	AISI 316
3	CAP	AISI 316
4	SPRING	AISI 316
5	SCREW	AISI 304
6	INSERT	AISI 316

Series SC 200



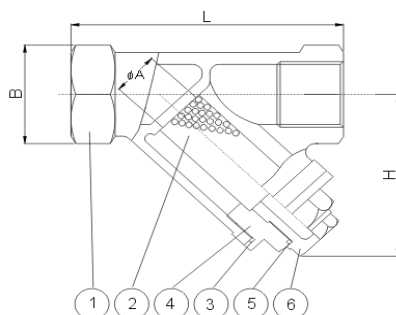
Series SCL 200



Threaded End BSPT
Size 1/2" to 2"

DIMENSIONS (mm)

Size	No	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
A		57	64	75	82	93	100
B		34	41	48	60	71	87



SPECIFICATION

Design & Making: According to ANSI B 16.34
 Inspection & Test: API 598
 Working pressure: 800 psi (55 bar)
 Temperature range: - 20 °C to 232 °C
 Connection: Female threaded BSPT
 Application medium: WOG
 Material: ASTM A351 - CF8M (316) DIN 1.4408

UNIT:mm

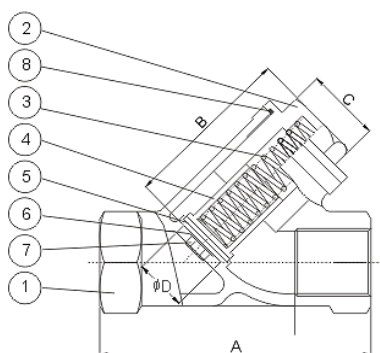
SIZE	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"
Ø A M/M	11	13	15	20	25	32	40	50	65	80
B M/M	23	23	26	32	41	49	56	69	87	102
H M/M	46	46	46	55	70	73	81	94	120	140
L M/M	65	65	65	80	90	105	120	140	170	200

MATERIALS LIST

NO	PART	Q'TY	MATERIAL
1	BODY	1	ASTM A-351 GR. CF8M
2	SCREEN	1	SS316 12 MESH
3	GASKET	1	PTFE
4	BONNET	1	ASTM A-351 GR. CF8M
5	O-RING	1	PTFE
6	BLOW OFF	1	ASTM A-351 GR. CF8M

Series YC-800

Y-Check Valve SIZE 1/2" - 2"



SPECIFICATION

Design & Making: According to ANSI B 16.34
 Inspection & Test: API 598
 Working pressure: 800 psi (55 bar)
 Temperature range: - 20 °C to 232 °C
 Connection: Female threaded BSPT
 Application medium: WOG
 Material: ASTM A351 - CF8M (316) DIN 1.4408

UNIT:mm

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
A M/M	65	65	65	80	90	105	120	140
B M/M	46	46	46	58	69	75	85	98
C M/M	19	19	19	23	27	32	41	50
D M/M	10	10	15	20	25	32	40	50

MATERIALS LIST

NO	PART	Q'TY	MATERIAL
1	BODY	1	ASTM A351 GR. CF8M
2	CAP	1	ASTM A351 GR. CF8M
3	SPRING	1	SS304
4	DISC	1	SS316
5	SEAT	1	PTFE
6	WASHER	1	SS304
7	NUT	1	SS304
8	GASKET	1	PTFE

Features

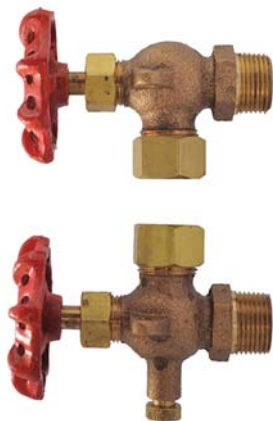
- Vessel Connection Sizes: 1/2" to 3/4" NPT
- Auto Ball Checks Available
- For Glass Tube or Shielded Gauges Ratings
- Pressure Ratings are subject to the limitations of the gauge glass.
- Temperature Ratings are subject to the limitations of the packing.

Model B-08* Materials

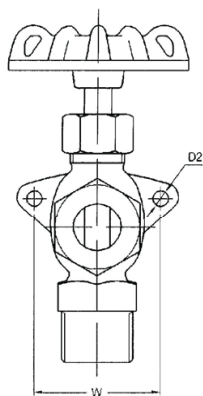
- Body: Brass
- Glass Packing: EPDM
- Stem Packing: Teflon®*

Model S-08* Materials

- Body: 316 Stainless Steel
- Glass Packing: Viton®*
- Stem Packing: Teflon®*



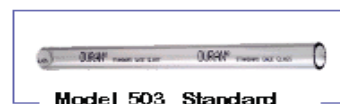
Model	Model	Size NPT	Glass OD	Glass Length from Centers
B-085	S-085	1/2"	1/2"	6" - 72" 15 - 180 cm
B-086	S-086	1/2"	5/8"	
B-087	S-087	3/4"	3/4"	



Model 506 - Redline
Duran Borosilicate.
Lengths up to 144".
Wall 1/64" 5/8"OD: +0 -1/32", 3/32"
wall 3/4"OD: +0 -1/32", 7/64" wall
Other OD's: 1/2", 7/8", 1",
Magnifies clear liquids as red.

SIZE	1/2" x 1/2"OD	1/2" x 5/8"OD	3/4" x 3/4"OD
L	98	98	118
H	58	58	76
D1	53	53	55
D2	4.5	4.9	5.6
D3	12.7	16.5	20
W			
GLASS TUBING OD	12	15	18

Dimension: mm

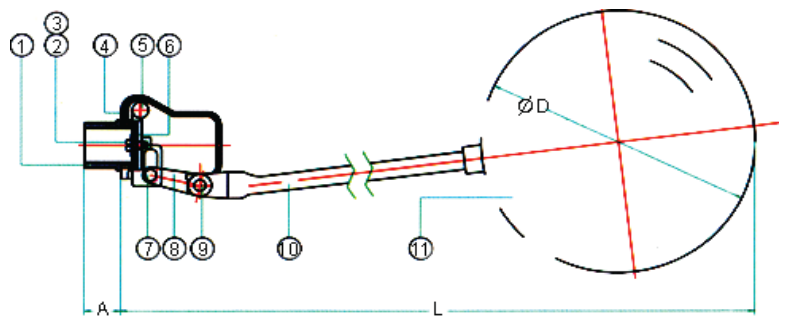


Model 503 - Standard Clear
Duran Borosilicate.
Lengths up to 72".
Wall 1/64" 5/8"OD: +0 -3/64", 5/64"
wall 3/4"OD: +0 -3/64", 3/32"
wall Standard Low Pressure Apps



Application : -

Aggressive Water Applications
Increased Resistance to Corrosion and Chemicals
De-Ionized , Ultra Pure, and Reverse Osmosis Water
Boiler Feed Water Systems
Kitchen Steam Tables
Cooling Towers
Livestock Waterers
Car Wash
High Pressure Wash
Swimming Pools
Industrial Tanks
Food Service and Sanitary Applications
Many other agricultural and industrial uses



Feature : -

Floline® Stainless Float Valve Assemblies consist of 316 stainless steel valve, Stem, and Float ball. The stem and float ball listed are the recommended minimum size for positive water level control . Of course other combinations may also work or be necessary depending on your inlet pressure.

Specifications

Thread Standard: ASME B1.20.1(NPT)
DIN2999 END BS21
ISO228/1 END7/1
GB1807.1806(G.ZG)

Working pressure : 10 Kg/cm²

Working temp : -50 to 180 °C

Size & Dimension

Size	ØD	A	L
1/2"	125	30	420
3/4"	125	35	420
1"	160	40	565
1.1/4"	160	45	565
1.1/2"	200	55	615
2"	200	65	715

Material List

Item	Part	Material
1	Connect device	SS316
2	Bolt	SS316
3	Washer	SS316
4	Body	SS304 or 316
5	Disc	SS316
6	Seat	Silica gel or EPDM
7	Pin	SS316
8	Lever	SS316
9	Pin	SS316
10	Stem	SS316
11	Float Ball	SS304 or 316