










ACHIECH VALVE

CHECK VALVE

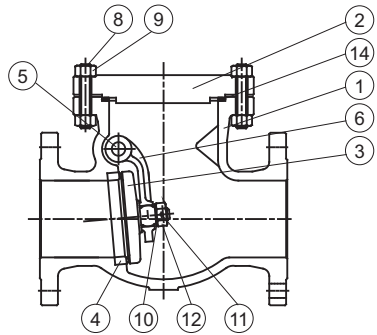


-  BOLTED COVER
-  PRESSURE SEAL COVER
-  SWING TYPE
-  LIFT TYPE
-  TILTING TYPE
-  DUAL PLATE CHECK
-  WAFER DISC TYPE



CHECK VALVE

SWING CHECK - BOLTED COVER - ANSI CL. 150.300.600.900.1500

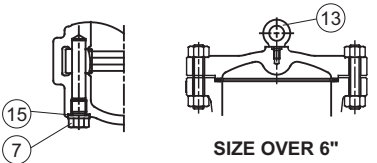


FEATURES & STANDARDS

- ◆ BOLTED COVER - B.C
- ◆ HORIZONTAL OR VERTICAL INSTALLATION
- ◆ FULL BORE OPENING
- ◆ DESIGN STANDARDS: BS1868 & API600 & API6D
- ◆ FACE TO FACE: ANSI B16.10
- ◆ FLANGE FACE: ANSI B16.5 & ANSI B16.47A & B
- ◆ BUTT WELD ENDS: ANSI B16.25
- ◆ P-T RATING: ANSI B16.34
- ◆ PRESSURE TEST: API598 & ANSI B16.34

TRIM NO. TABLE

NO	PIN	DISC	SEAT
1	13Cr	13Cr	13Cr
2	304	304	304
5	13Cr	Stellite No.6	Stellite No. 6
8	13Cr	13Cr	Stellite No. 6
9	Monel	Monel	Monel
10	316	316	316
12	316	316	Stellite No. 6
16	316	Stellite No.6	Stellite No. 6
20	304	304	Stellite No. 6
15	304	Stellite No.6	Stellite No. 6



SIZE OVER 6"

MATERIAL LIST

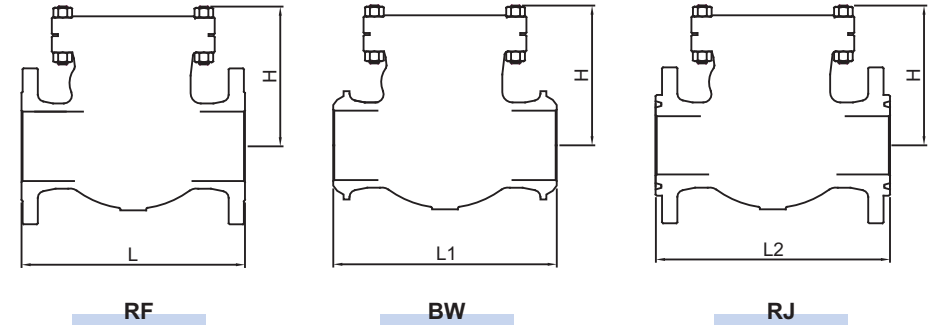
NO	PART NAME	WCB	LCB	WC6	WC9	C5	C12	CF8	CF8M
1	Body	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
2	Cover	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
3	Disc	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
4	Seat	A105	A350-LF2	A182-F11	A182-F22	A182-F5	A182-F9	A182-F304	A182-F316
6	Hinge	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
7	Plug	A105	A350-LF2	A182-F11	A182-F22	A182-F5	A182-F9	A182-F304	A182-F316
8	Cover Stud	A193-B7	A320-L7	A193-B16	A193-B16	A193-B16	A193-B16	A193-B8	A193-B8
9	Cover Nut	A194-2H	A194-4	A194-4	A194-4	A194-4	A194-4	A194-8	A194-8
10	Washer	AISI 304	AISI 304	AISI 304	AISI 304	AISI 304	AISI 304	AISI 304	AISI 316
11	Split Pin	AISI 304	AISI 304	AISI 304	AISI 304	AISI 304	AISI 304	AISI 304	AISI 316
12	Nut	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP304	A276TP316
13	Hanger	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel

GASKET MATERIAL LIST

14	COVER GASKET :	<input type="checkbox"/> F304+GRAPHOIL	<input type="checkbox"/> F316+GRAPHOIL	<input type="checkbox"/> F304+TEFLON	<input type="checkbox"/> F316+TEFLON	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/> SOFT IRON (RJ)	<input type="checkbox"/> F304 (RJ)	<input type="checkbox"/> F316 (RJ)	<input type="checkbox"/> ALLOY STEEL(RJ)	<input type="checkbox"/>	<input type="checkbox"/>
15	PLUG GASKET :	<input type="checkbox"/> SOFT IRON	<input type="checkbox"/> F304	<input type="checkbox"/> F316	<input type="checkbox"/> TEFLON	<input type="checkbox"/>	<input type="checkbox"/>

SOUR OIL AND GAS SERVICE - NACE MR-01-75 : A193-B7M STUDS & A194-2HM NUTS ARE AS STANDARD.

SWING CHECK VALVE DIMENSIONS - BLOTED COVER



CLASS 150 - FIG NO:1SC

SIZE	in	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	28"	30"	36"
d	mm	51	64	76	102	127	152	203	254	305	337	387	438	489	591	692	743	895
L-L1	in	8.00	8.50	9.50	11.50	13.00	14.00	19.50	24.50	27.50	31.00	34.00	38.50	38.50	51.00	57.00	60.00	77.00
(RF-BW)	mm	203	216	241	292	330	356	495	622	698	787	864	978	978	1295	1448	1524	1956
L2	in	8.50	9.00	10.00	12.00	13.50	14.50	20.00	25.00	28.00	31.50	34.50	39.00	39.00	51.50	-	-	-
(RJ)	mm	216	229	254	305	343	368	508	635	711	800	876	991	991	1308	-	-	-
H	in	5.31	6.10	6.61	9.37	9.80	10.91	13.35	15.67	20.67	21.77	22.99	26.30	28.03	29.13	33.07	42.87	53.15
	mm	135	155	168	235	249	277	339	398	525	553	584	668	712	740	840	1089	1350

CLASS 300 - FIG NO:3SC

SIZE	in	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	28"	30"
d	mm	51	64	76	102	127	152	203	254	305	337	387	432	483	584	686	737
L-L1	in	10.50	11.50	12.50	14.00	15.75	17.50	21.00	24.50	28.00	33.00	34.00	38.50	40.00	53.00	59.00	62.75
(RF-BW)	mm	267	292	318	356	400	444	533	622	711	838	864	978	1016	1346	1499	1594
L2	in	11.12	12.12	13.12	14.62	16.37	18.12	21.62	25.12	28.62	33.62	34.62	39.12	40.75	53.88	60.00	63.75
(RJ)	mm	283	308	333	371	416	460	549	638	727	854	879	994	1035	1368	1524	1619
H	in	6.22	6.57	7.40	10.20	11.06	12.56	15.79	19.02	21.85	23.03	24.21	25.31	26.81	27.95	34.69	43.03
	mm	158	167	188	259	281	319	401	483	555	585	615	643	681	710	881	1093

CHECK VALVE

SWING CHECK VALVE DIMENSIONS - BOLTED COVER

CLASS 600 - FIG NO : 6SC

SIZE	in	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
d	mm	51	64	76	102	127	152	200	248	298	327	375	419	464	559
L-L1 (RF-BW)	in	11.50	13.00	14.00	17.00	20.00	22.00	26.00	31.00	33.00	35.00	39.00	43.00	47.00	55.00
	mm	292	330	356	432	508	559	660	787	838	889	991	1092	1194	1397
L2 (RJ)	in	11.62	13.12	14.12	17.12	20.12	22.12	26.12	31.12	33.12	35.12	39.12	43.12	47.25	55.38
	mm	295	333	359	435	511	562	664	791	841	892	994	1095	1200	1407
H	in	7.76	8.15	9.09	11.06	12.56	14.25	17.20	19.29	20.79	22.52	25.98	28.35	29.37	37.80
	mm	197	207	231	281	319	362	437	490	528	572	660	720	746	960

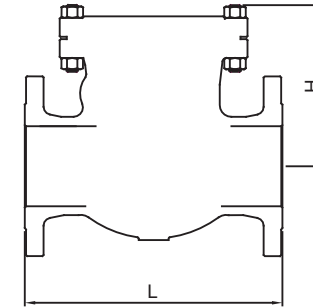
CLASS 900 - FIG NO : 9SC

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"
d	mm	47	57	73	98	146	190	238	282	311	356
L-L1 (RF-BW)	in	14.50	16.50	15.00	18.00	24.00	29.00	33.00	38.00	40.50	44.50
	mm	368	419	381	457	610	737	838	965	1029	1130
L2 (RJ)	in	14.62	16.62	15.12	18.12	24.12	29.12	33.12	38.12	40.88	44.88
	mm	371	422	384	460	613	740	841	968	1038	1140
H	in	9.45	10.24	10.24	12.60	15.04	20.87	22.05	23.23	24.80	27.56
	mm	240	260	260	320	382	530	560	590	630	700

CLASS 1500 - FIG NO : 15SC

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"
d	mm	47	57	70	92	136	178	222	263
L-L1 (RF-BW)	in	14.50	16.50	18.50	21.50	27.75	32.75	39.00	44.50
	mm	368	419	470	546	705	832	991	1130
L2 (RJ)	in	14.62	16.62	18.62	21.62	28.00	33.13	39.38	45.12
	mm	371	422	473	549	711	841	1000	1146
H	in	12.20	12.20	12.99	13.98	15.75	20.87	22.05	25.59
	mm	310	310	330	355	400	530	560	650

DIN - SWING CHECK VALVE DIMENSIONS - BOLTED COVER



PN 16 - FIG NO : P1SC

DN	50	65	80	100	125	150	200	250	300	350	400	500
L	230	290	310	350	400	480	600	730	850	980	1100	1250
H	160	177	187	202	227	263	293	330	382	430	480	560

PN 25 - FIG NO : P2SC

DN	50	65	80	100	125	150	200	250	300	350	400	500
L	230	290	310	350	400	480	600	730	850	980	1100	1250
H	160	177	187	202	227	263	293	330	382	430	480	560

PN 40 - FIG NO : P3SC

DN	50	65	80	100	125	150	200	250	300	350	400
L	230	290	310	350	400	480	600	730	850	980	1100
H	160	177	187	220	248	270	342	401	423	440	467

PN 64 - FIG NO : P4SC

DN	50	65	80	100	125	150	200	250	300	350	400
L	300	340	380	430	500	550	650	775	900	1025	1150
H	177	197	212	248	296	330	385	445	474	490	616

PN 100 - FIG NO : P5SC

DN	50	65	80	100	125	150	200	250	300
L	300	340	380	430	500	550	650	775	900
H	195	210	230	290	305	370	410	470	520

CHECK VALVE

SWING CHECK VALVE - PRESSURE SEAL COVER - ANSI CL. 600.900.1500.2500.4500

FEATURES & STANDARDS

- ◆ PRESSURE SEAL COVER - PSC
- ◆ HORIZONTAL OR VERTICAL INSTALLATION
- ◆ FULL BORE OPENING
- ◆ DESIGN STANDARD: ANSI B16.34
- ◆ FACE TO FACE: ANSI B16.10
- ◆ FLANGE FACE: ANSI B16.5
- ◆ BUTT WELD ENDS: ANSI B16.25
- ◆ P-T RATING: ANSI B16.34
- ◆ PRESSURE TEST: API598 & ANSI B16.34
- ◆ 100% X-RAY TEST AS PER ANSI B16.34

TRIM NO. TABLE

NO	PIN	DISC	SEAT
1	13Cr	13Cr	13Cr
2	304	304	304
5	13Cr	Stellite No.6	Stellite No. 6
8	13Cr	13Cr	Stellite No. 6
9	Monel	Monel	Monel
10	316	316	316
12	316	316	Stellite No. 6
16	316	Stellite No.6	Stellite No. 6
20	304	304	Stellite No. 6
15	304	Stellite No.6	Stellite No. 6

MATERIAL LIST

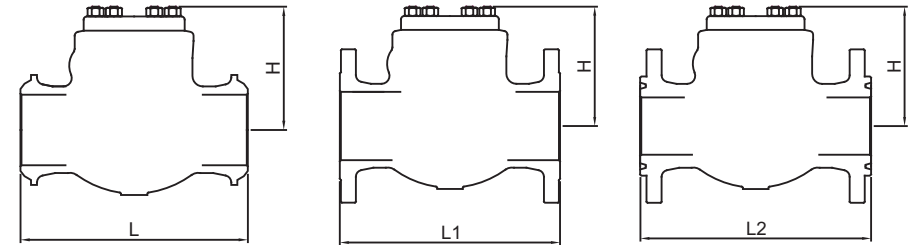
NO	PART NAME	WCB	LCB	WC6	WC9	C5	C12	CF8	CF8M
1	Body	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
2	Bonnet	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
3	Disc	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
4	Seat	A105	A350-LF2	A182-F11	A182-F22	A182-F5	A182-F9	A182-F304	A182-F316
6	Hinge	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
7	Pin-Cover	A105	A350-LF2	A182-F11	A182-F22	A182-F5	A182-F9	A182-F304	A182-F316
8	Bonnet Stud	A193-B7	A320-L7	A193-B16	A193-B16	A193-B16	A193-B16	A193-B8	A193-B8
9	Bonnet Nut	A194-2H	A194-4	A194-4	A194-4	A194-4	A194-4	A194-8	A194-8
10	Washer	AISI 304	AISI 304	AISI 304	AISI 304	AISI 304	AISI 304	AISI 304	AISI 316
11	Split Pin	AISI 304	AISI 304	AISI 304	AISI 304	AISI 304	AISI 304	AISI 304	AISI 316
12	Nut	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP304	A276TP316
13	Hanger	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
16	Cover	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
17	Back Up Ring	A217-CA15	A351-CF8	A217-CA15	A217-CA15	A217-CA15	A217-CA15	A351-CF8	A351-CF8M
18	Thrust Ring	A182-F304	A182-F304	A182-F304	A182-F304	A182-F304	A182-F304	A182-F304	A182-F316
19	Pin Cover Bolt	A193-B7	A320-L7	A193-B16	A193-B16	A193-B16	A193-B16	A193-B8	A193-B8

GASKET MATERIAL LIST

14	Bonnet Gasket	<input type="checkbox"/> GRAPHOIL	<input type="checkbox"/> F304	<input type="checkbox"/> F316	<input type="checkbox"/> ALLOY STEEL	<input type="checkbox"/> _____
15	Pin-Cover Gasket	<input type="checkbox"/> F304+GRAPHOIL	<input type="checkbox"/> F316+GRAPHOIL	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____

SOUR OIL AND GAS SERVICE - NACE MR-01-75 : A193-B7M STUDS & A194-2HM NUTS ARE AS STANDARD.

SWING CHECK VALVE DIMENSIONS - PRESSURE SEAL COVER



BW ENDS

RF ENDS

RJ ENDS

CLASS 600 - FIG NO :6PSC

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L	mm	178	216	254	305	457	584	711	813	889	991	1092	1194	1397
L1	mm	292	330	356	432	559	660	787	838	889	991	1092	1194	1397
L2	mm	295	333	359	435	562	664	791	841	892	994	1095	1200	1406
H	mm	250	270	290	340	440	515	570	625	740	770	865	940	989

CLASS 900 - FIG NO :9PSC

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L	mm	216	254	305	356	508	660	787	914	991	1092	1219	1321	1473
L1	mm	368	419	381	457	610	737	838	965	1029	1130	1219	1321	1549
L2	mm	371	422	384	460	613	740	841	968	1038	1140	1232	1333	1568
H	mm	241	264	270	318	400	587	606	695	749	730	851	864	959

CLASS 1500 - FIG NO :15PSC

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L	mm	216	254	305	406	559	711	864	991	1067	1194	1346	1346	1473
L1	mm	368	419	470	546	705	832	991	1130	1257	1383	1537	1664	1943
L2	mm	371	422	473	549	711	841	1000	1146	1276	1407	1559	1686	1972
H	mm	320	320	350	385	450	580	591	685	780	849	950	950	1099

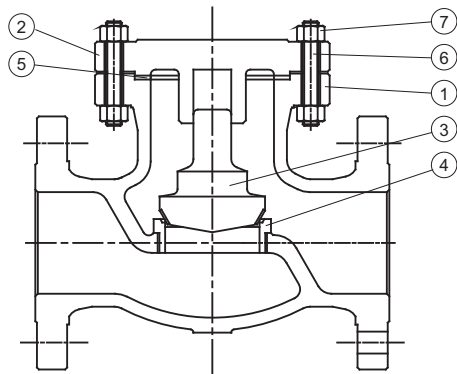
CLASS 2500 - FIG NO :25PSC

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"
L	mm	279	330	368	457	610	762	914	1041	1118	1219	1346
L1	mm	451	508	578	673	914	1022	1270	1422	1575	1727	-
L2	mm	454	514	584	683	927	1038	1292	1445	-	-	-
H	mm	345	364	370	418	500	659	729	799	930	999	1080

CLASS 4500 - FIG NO: 45PCS - OFFER DIMENSIONS ON REQUEST.

CHECK VALVE

LIFT CHECK VALVE - BOLTED COVER - ANSI CL. 150.300.600.900.1500



FEATURES & STANDARDS

- ◆ BOLTED COVER - B.C
- ◆ HORIZONTAL INSTALLATION
- ◆ VERTICAL INSTALLATION WITH SPRING LOADED
- ◆ FULL BORE OPENING
- ◆ DESIGN STANDARDS: API600 & API6D
- ◆ FACE TO FACE: ANSI B16.10
- ◆ FLANGE FACE: ANSI B16.5 & ANSI B16.47A & B
- ◆ BUTT WELD ENDS :ANSI B16.25
- ◆ P-T RATING: ANSI B16.34
- ◆ PRESSURE TEST: API598 & ANSI B16.34

TRIM NO. TABLE

NO	DISC	SEAT
1	13Cr	13Cr
2	304	304
5	Stellite No.6	Stellite No. 6
8	13Cr	Stellite No. 6
9	Monel	Monel
10	316	316
12	316	Stellite No. 6
16	Stellite No.6	Stellite No. 6
20	304	Stellite No. 6
15	Stellite No.6	Stellite No. 6

MATERIAL LIST

NO	PART NAME	WCB	LCB	WC6	WC9	C5	C12	CF8	CF8M
1	Body	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
2	Cover	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
3	Disc	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
4	Seat	A105	A350-LF2	A182-F11	A182-F22	A182-F5	A182-F9	A182-F304	A182-F316
6	Cover Stud	A193-B7	A320-L7	A193-B16	A193-B16	A193-B16	A193-B16	A193-B8	A193-B8
7	Cover Nut	A194-2H	A194-4	A194-4	A194-4	A194-4	A194-4	A194-8	A194-8

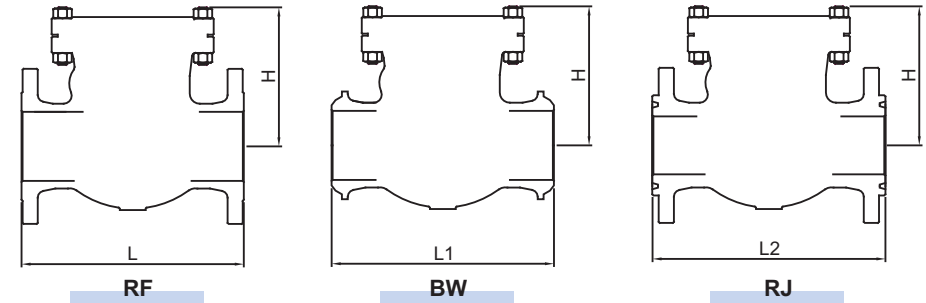
GASKET MATERIAL LIST

- 5] GASKET : F304+GRAPHOIL F316+GRAPHOIL F304+TEFLON F316+TEFLON
 SOFT IRON (RJ) F304 (RJ) F316 (RJ) ALLOY STEEL (RJ) _____

● SOUR OIL AND GAS SERVICE - NACE MR-01-75 : A193-B7M STUDS & A194-2HM NUTS ARE AS STANDARD.

API.CE.ISO CERTIFIED

LIFT CHECK VALVE DIMENSIONS - BOLTED COVER



CLASS 150 - FIG NO :1LC

SIZE	in	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
d	mm	51	64	76	102	127	152	203	254	305	337	387	438	489	591
L-L1	in	8.00	8.50	9.50	11.50	14.00	16.00	19.50	24.50	27.50	31.00	36.00	38.50	38.50	51.00
(RF-BW)	mm	203	216	241	292	356	406	495	622	698	787	914	978	978	1295
L2	in	8.50	9.00	10.00	12.00	14.50	16.50	20.00	25.00	28.00	31.50	36.50	39.02	39.02	51.50
(RJ)	mm	216	229	254	305	368	419	508	635	711	800	927	991	991	1308
H	in	5.91	6.69	7.20	9.84	10.43	11.69	14.13	16.46	21.46	22.83	24.17	27.48	29.21	32.13
	mm	150	170	183	250	265	297	359	418	545	580	614	698	742	816

CLASS 300 - FIG NO :3LC

SIZE	in	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
d	mm	51	64	76	102	127	152	203	254	305	337	387	432	483	585
L-L1	in	10.50	11.50	12.50	14.00	15.75	17.50	22.00	24.50	28.00	33.00	34.00	38.50	40.00	53.00
(RF-BW)	mm	267	292	318	356	400	444	559	622	711	838	864	977	1016	1346
L2	in	11.12	12.12	13.12	14.62	16.37	18.12	21.62	25.12	28.62	33.62	34.65	39.09	40.75	53.88
(RJ)	mm	283	308	333	371	416	460	575	638	727	854	880	993	1035	1365
H	in	6.81	7.17	7.99	10.98	11.85	13.35	16.57	19.80	22.64	24.21	25.39	26.89	32.68	39.76
	mm	173	182	203	279	301	339	421	503	575	615	645	683	830	1010

CHECK VALVE

LIFT CHECK VALVE DIMENSIONS - BOLTED COVER

CLASS 600 - FIG NO :6LC

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"
d	mm	51	64	76	102	152	200	248	298	327	375
L-L1	in	11.50	13.00	14.00	17.00	22.00	26.00	31.00	33.00	35.00	39.00
(RF-BW)	mm	292	330	356	432	559	660	787	838	889	991
L2	in	11.62	13.12	14.12	17.12	22.12	26.12	31.12	33.12	35.12	39.12
(RJ)	mm	295	333	359	435	562	664	791	841	892	994
H	in	8.46	8.94	9.88	11.85	13.34	15.39	18.39	20.47	30.71	35.04
	mm	215	227	251	301	339	391	467	520	780	890

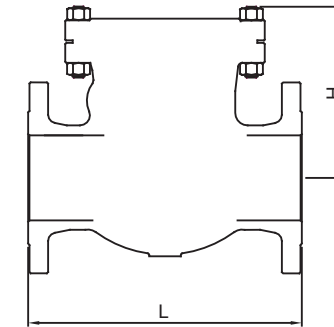
CLASS 900 - FIG NO :9LC

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"
d	mm	47	57	73	98	146	190	238	282
L-L1	in	14.50	16.50	15.00	18.00	24.00	29.00	33.00	38.00
(RF-BW)	mm	368	419	381	457	610	737	838	965
L2	in	14.62	16.62	15.12	18.12	24.12	29.12	33.12	38.12
(RJ)	mm	371	422	384	460	613	740	841	968
H	in	10.24	11.02	11.02	13.39	15.83	21.65	22.83	28.62
	mm	260	280	280	340	402	550	580	727

CLASS 1500 - FIG NO :15LC

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"
d	mm	47	57	70	92	136	178	222	263
L-L1	in	14.50	16.50	18.50	21.50	27.75	32.75	39.00	44.50
(RF-BW)	mm	368	419	470	546	705	832	991	1130
L2	in	14.62	16.62	18.62	21.62	28.00	33.13	39.38	45.12
(RJ)	mm	371	422	473	549	711	841	1000	1146
H	in	12.99	12.99	13.78	14.76	16.54	22.05	28.15	33.23
	mm	330	330	350	375	420	560	715	844

DIN - LIFT CHECK VALVE DIMENSIONS - BOLTED COVER



PN 16 - FIG NO : P1LC

DN	50	65	80	100	125	150	200	250	300
L	230	290	310	350	400	480	600	730	850
H	170	185	195	212	240	283	313	350	402

PN 25 - FIG NO : P2LC

DN	50	65	80	100	125	150	200	250	300
L	230	290	310	350	400	480	600	730	850
H	170	185	195	212	240	283	313	350	402

PN 40 - FIG NO : P3LC

DN	50	65	80	100	125	150	200	250	300
L	230	290	310	350	400	480	600	730	850
H	170	185	195	232	258	280	352	411	433

PN 64 - FIG NO : P4LC

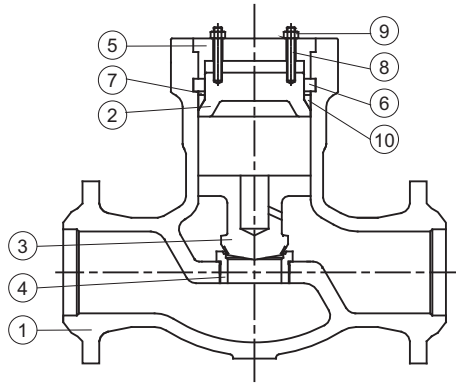
DN	50	65	80	100	150	200
L	300	340	380	430	550	650
H	187	207	222	260	310	400

PN 100 - FIG NO : P5LC

DN	50	65	80	100	150	200
L	300	340	380	430	550	650
H	210	225	245	305	390	430

CHECK VALVE

LIFT CHECK VALVE - PRESSURE SEAL COVER - ANSI CL. 600.900.1500.2500.4500



FEATURES & STANDARDS

- ◆ PRESSURE SEAL COVER -PSC
- ◆ HORIZONTAL INSTALLATION
- ◆ VERTICAL INSTALLATION WITH SPRING LOADED
- ◆ FULL BORE OPENING
- ◆ DESIGN STANDARDS : ANSI B16.34
- ◆ FACE TO FACE : ANSI B16.10
- ◆ FLANGE FACE : ANSI B16.5
- ◆ BUTT WELD ENDS : ANSI B16.25
- ◆ P-T RATING : ANSI B16.34
- ◆ PRESSURE TEST : API598 & ANSI B16.34
- ◆ 100% X-RAY TEST AS PER ANSI B16.34

TRIM NO. TABLE

NO	DISC	SEAT
1	13Cr	13Cr
2	304	304
5	Stellite No.6	Stellite No. 6
8	13Cr	Stellite No. 6
9	Monel	Monel
10	316	316
12	316	Stellite No. 6
16	Stellite No.6	Stellite No. 6
20	304	Stellite No. 6
15	Stellite No.6	Stellite No. 6

MATERIAL LIST

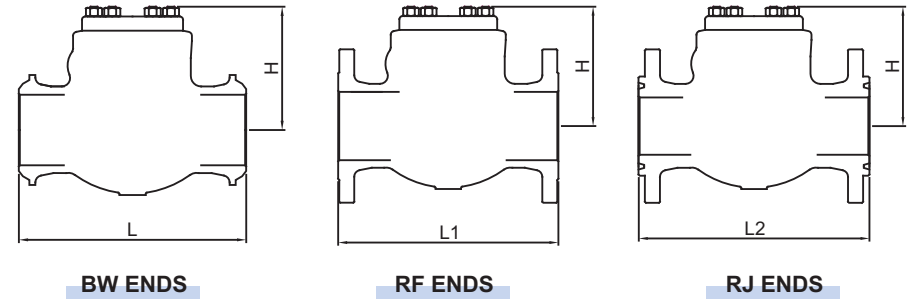
NO	PART NAME	WCB	LCB	WC6	WC9	C5	C12	CF8	CF8M
1	Body	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
2	Bonnet	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
3	Disc	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
4	Seat	A105	A350-LF2	A182-F11	A182-F22	A182-F5	A182-F9	A182-F304	A182-F316
5	Cover	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
6	Back Up Ring	A217-CA15	A351-CF8	A217-CA15	A217-CA15	A217-CA15	A217-CA15	A351-CF8	A351-CF8M
7	Thrust Ring	A182-F304	A182-F304	A182-F304	A182-F304	A182-F304	A182-F304	A182-F304	A182-F316
8	Bonnet Stud	A193-B7	A320-L7	A193-B16	A193-B16	A193-B16	A193-B16	A193-B8	A193-B8
9	Bonnet Nut	A194-2H	A194-4	A194-4	A194-4	A194-4	A194-4	A194-8	A194-8

GASKET MATERIAL LIST

10 Bonnet Gasket : GRAPHOIL F304 F316 ALLOY STEEL _____

● SOUR OIL AND GAS SERVICE - NACE MR-01-75 : A193-B7M STUDS & A194-2HM NUTS ARE AS STANDARD.

LIFT CHECK VALVE DIMENSIONS - PRESSURE SEAL COVER



CLASS 600-FIG NO: 6PLC

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"
L	mm	178	216	254	305	457	584	711	813	889	991
L1	mm	292	330	356	432	559	660	787	838	899	991
L2	mm	295	333	359	435	562	664	791	841	892	994
H	mm	250	270	290	340	440	515	570	625	740	770

CLASS 900-FIG NO: 9PLC

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"
L	mm	216	254	305	356	508	660	787	914	991	1092
L1	mm	368	419	381	457	610	737	838	965	1029	1130
L2	mm	371	422	384	460	613	740	841	968	1038	1140
H	mm	241	264	280	330	430	615	640	730	780	790

CLASS 1500-FIG NO: 15PLC

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"
L	mm	216	254	305	406	559	711	864	991	1067
L1	mm	368	419	470	546	705	832	991	1130	1257
L2	mm	371	422	473	549	711	841	1000	1146	1276
H	mm	330	330	360	395	460	590	605	700	795

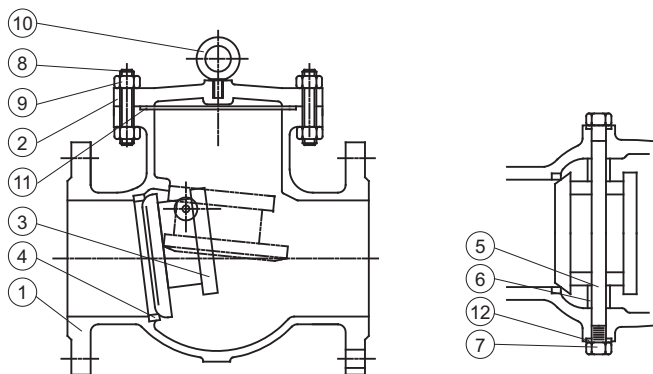
CLASS 2500-FIG NO: 25PLC

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"
L	mm	279	330	368	457	610	762	914	1041
L1	mm	451	508	578	673	914	1022	1270	1422
L2	mm	454	514	584	683	927	1038	1292	1445
H	mm	464	525	596	713	957	1065	1320	1465

CLASS 4500 - FIG NO: 45PLC - OFFER DIMENSIONS ON REQUEST.

CHECK VALVE

TILTING CHECK VALVE - BOLTED COVER - ANSI CL. 150.300.600.900.1500



FEATURES & STANDARDS

- ◆ BOLTED COVER - B.C
- ◆ HORIZONTAL OR VERTICAL INSTALLATION
- ◆ FULL BORE OPENING
- ◆ LOW NOISY AND WATER HAMMER
- ◆ LOW PRESSURE DROP
- ◆ DESIGN STANDARDS: BS1868 & API 600 & API 6D
- ◆ FACE TO FACE: ANSI B16.10
- ◆ FLANGE FACE: ANSI B16.5 & ANSI B16.47A & B
- ◆ BUTT WELD ENDS: ANSI B16.25
- ◆ P-T RATING: ANSI B16.34
- ◆ PRESSURE TEST: API598 & ANSI B16.34

TRIM NO. TABLE

NO	PIN	DISC	SEAT
1	13Cr	13Cr	13Cr
2	304	304	304
5	13Cr	Stellite No.6	Stellite No. 6
8	13Cr	13Cr	Stellite No. 6
9	Monel	Monel	Monel
10	316	316	316
12	316	316	Stellite No. 6
16	316	Stellite No.6	Stellite No. 6
20	304	304	Stellite No. 6
15	304	Stellite No.6	Stellite No. 6

MATERIAL LIST

NO	PART NAME	WCB	LCB	WC6	WC9	C5	C12	CF8	CF8M
1	Body	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
2	Cover	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
3	Disc	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
4	Seat	A105	A350-LF2	A182-F11	A182-F22	A182-F5	A182-F9	A182-F304	A182-F316
6	Retainer	A182-F304	A182-F304	A182-F304	A182-F304	A182-F304	A182-F304	A182-F304	A182-F316
7	Plug	A105	A350-LF2	A182-F11	A182-F22	A182-F5	A182-F9	A182-F304	A182-F316
8	Cover Stud	A193-B7	A320-L7	A193-B16	A193-B16	A193-B16	A193-B16	A193-B8	A193-B8
9	Cover Nut	A194-2H	A194-4	A194-4	A194-4	A194-4	A194-4	A194-8	A194-8
10	Hanger	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel

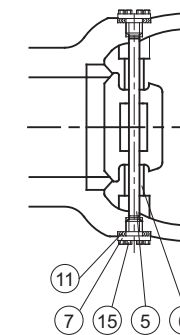
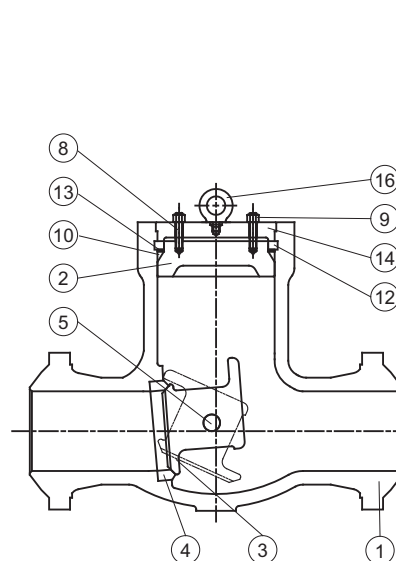
GASKET MATERIAL LIST

- 11 Cover Gasket : F304+GRAPHOIL F316+GRAPHOIL F304+TEFLON F316+TEFLON
 SOFT IRON (RJ) F304 (RJ) F316 (RJ) ALLOY STEEL (RJ) _____
- 12 Plug Gasket : SOFT IRON F304 F316 TEFLON _____

DIMENSIONS ARE REFERED TO PAGES CH03 TO CH05

● SOUR OIL AND GAS SERVICE - NACE MR-01-75 : A193-B7M STUDS & A194-2HM NUTS ARE AS STANDARD.

TILTING CHECK VALVE -PRESSURE SEAL COVER - ANSI CL. 600.900.1500.2500.4500



FEATURES & STANDARDS

- ◆ PRESSURE SEAL COVER -PSC
- ◆ HORIZONTAL OR VERTICAL INSTALLATION
- ◆ FULL BORE OPENING
- ◆ LOW NOISY AND WATER HAMMER
- ◆ LOW PRESSURE DROP
- ◆ DESIGN STANDARDS: ANSI B16.34
- ◆ FACE TO FACE: ANSI B16.10
- ◆ FLANGE FACE: ANSI B16.5
- ◆ BUTT WELD ENDS: ANSI B16.25
- ◆ P-T RATING: ANSI B16.34
- ◆ PRESSURE TEST: API598 & ANSI B16.34
- ◆ 100% X-RAY TEST AS PER ANSI B16.34

TRIM NO. TABLE

NO	PIN	DISC	SEAT
1	13Cr	13Cr	13Cr
2	304	304	304
5	13Cr	Stellite No.6	Stellite No. 6
8	13Cr	13Cr	Stellite No. 6
9	Monel	Monel	Monel
10	316	316	316
12	316	316	Stellite No. 6
16	316	Stellite No.6	Stellite No. 6
20	304	304	Stellite No. 6
15	304	Stellite No.6	Stellite No. 6

MATERIAL LIST

NO	PART NAME	WCB	LCB	WC6	WC9	C5	C12	CF8	CF8M
1	Body	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
2	Bonnet	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
3	Disc	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
4	Seat	A105	A350-LF2	A182-F11	A182-F22	A182-F5	A182-F9	A182-F304	A182-F316
6	Retainer	A182-F304	A182-F304	A182-F304	A182-F304	A182-F304	A182-F304	A182-F304	A182-F316
7	Pin-Cover	A105	A350-LF2	A182-F11	A182-F22	A182-F5	A182-F9	A182-F304	A182-F316
8	Bonnet Stud	A193-B7	A320-L7	A193-B16	A193-B16	A193-B16	A193-B16	A193-B8	A193-B8
9	Bonnet Nut	A194-2H	A194-4	A194-4	A194-4	A194-4	A194-4	A194-8	A194-8
12	Back Up Ring	A217-CA15	A351-CF8	A217-CA15	A217-CA15	A217-CA15	A217-CA15	A351-CF8	A351-CF8M
13	Thrust Ring	A182-F304	A182-F304	A182-F304	A182-F304	A182-F304	A182-F304	A182-F304	A182-F316
14	Cover	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
15	Pin-Cover Bolt	A193-B7	A320-L7	A193-B16	A193-B16	A193-B16	A193-B16	A193-B8	A193-B8
16	Hanger	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel

GASKET MATERIAL LIST

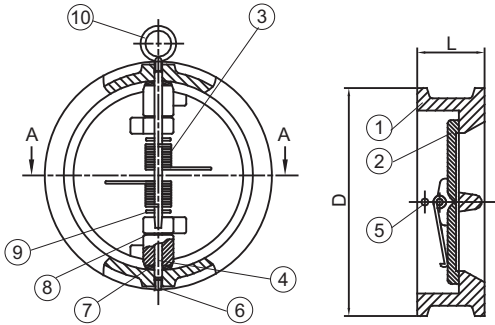
- 10 Bonnet Gasket : GRAPHOIL F304 F316 ALLOY STEEL _____
- 11 Pin-Cover Gasket : F304+GRAPHOIL F316+GRAPHOIL _____

DIMENSIONS ARE REFERED TO PAGE - CH07

● SOUR OIL AND GAS SERVICE - NACE MR-01-75 : A193-B7M STUDS & A194-2HM NUTS ARE AS STANDARD.

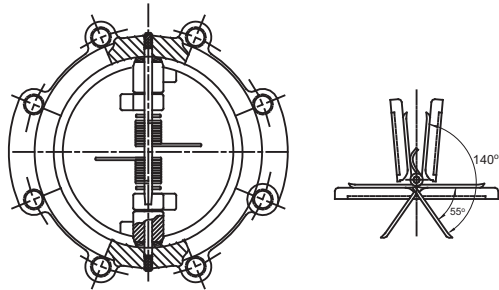
CHECK VALVE

DUAL PLATE CHECK VALVE - WAFER & LUG TYPE - ANSI CL. 150.300.600.900.1500.2500



WAFER TYPE

SECTION A-A



LUG TYPE

FEATURES & STANDARDS

- ◆ INTEGRAL BODY
- ◆ HORIZONTAL OR VERTICAL INSTALLATION
- ◆ SHORT DISTANCE AND LIGHT WEIGHT
- ◆ LOW NOISY AND WATER HAMMER
- ◆ INDEPENDENT SPRING
- ◆ DESIGN STANDARDS: API 6D & API 594
- ◆ WAFER & LUG ENDS: ANSI B16.5 & ANSI B16.47-A&B
- ◆ P-T RATING: ANSI B16.34
- ◆ PRESSURE TEST: API 598 & ANSI B16.34

TRIM NO. TABLE			
NO	PIN	DISC	SEAT
1	13Cr	13Cr	13Cr
2	304	304	304
5	13Cr	Stellite No.6	Stellite No. 6
8	13Cr	13Cr	Stellite No. 6
9	Monel	Monel	Monel
10	316	316	316
12	316	316	Stellite No. 6
16	316	Stellite No.6	Stellite No. 6
20	304	304	Stellite No. 6
15	304	Stellite No.6	Stellite No. 6

THE FOLLOWING O-RING SOFT SEATS ARE AVAILABLE

- NBR BUNA-N EPDM
 VITON TEFLON _____

NO	PART NAME	WCB	CF8	CF3	CF8M	CF3M
1	BODY	A216-WCB	A351-CF8	A351-CF3	A351-CF8M	A351-CF3M
2	DISC	A351-CF8M	A351-CF8	A351-CF3	A351-CF8M	A351-CF3M
3	SPRING	INCONEL	INCONEL	INCONEL	INCONEL	INCONEL
4	STEM	A479TP316	A479TP304	A479TP304L	A479TP316	A479TP316L
5	STOP PIN	A479TP316	A479TP304	A479TP304L	A479TP316	A479TP316L
6	PLUG	A105	A182-F304	A182-F304L	A182-F316L	A182-F316L
7	BEARING*	A182-F316	A182-F316	A182-F316	A182-F316	A182-F316
8	BEARING*	A182-F316	A182-F316	A182-F316	A182-F316	A182-F316
9	PIN	A182-F316	A182-F316	A182-F316	A182-F316	A182-F316
10	HANGER	CARBON STEEL	CARBON STEEL	CARBON STEEL	CARBON STEEL	CARBON STEEL

*OTHER MATERIALS ARE AVAILABLE.

SOUR OIL AND GAS SERVICE - NACE MR-01-75 : A193-B7M STUDS & A194-2HM NUTS ARE AS STANDARD.

DUAL PLATE CHECK VALVE - WAFER & LUG TYPE

CLASS 150-FIG NO : 1DCW

SIZE	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	30"	36"	42"	48"
D	105	124	137	175	197	222	279	340	410	451	514	549	606	718	835	883	1048	1219	1384
L	60	67	73	73	86	98	127	146	181	184	191	203	219	222	305	305	368	432	524

UNIT:mm

CLASS 300-FIG NO : 3DCW

SIZE	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	30"	36"	42"	48"
D	111	130	149	181	216	251	308	362	422	486	540	597	654	775	835	953	1118	1289	1492
L	60	67	73	73	86	98	127	146	181	222	232	264	292	318	368	368	483	568	629

UNIT:mm

CLASS 600-FIG NO : 6DCW

SIZE	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	30"	36"	42"
D	111	130	149	194	241	267	321	400	457	492	565	613	683	791	867	972	1130	1295
L	60	67	73	79	105	136	165	213	229	273	305	362	368	394	460	460	635	701

UNIT:mm

CLASS 900-FIG NO : 9DCW

SIZE	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
D	143	165	168	206	248	289	359	435	498	521	575	638	699	838
L	70	83	83	102	-	159	206	241	292	356	384	451	451	495

UNIT:mm

CLASS 1500-FIG NO : 15DCW

SIZE	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"
D	143	165	175	210	254	283	352	435	521	578	641	705
L	70	83	83	102	-	159	206	248	305	356	384	468

UNIT:mm

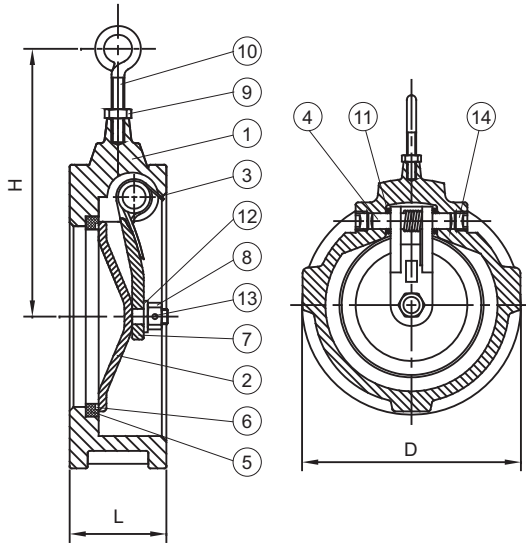
CLASS 2500-FIG NO : 25DCW

SIZE	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
D	146	168	197	235	279	318	387	476	549
L	70	83	86	105	-	159	206	254	305

UNIT:mm

CHECK VALVE

SWING CHECK VALVE - WAFER & LUG TYPE - ANSI CL. 150.300.600.900.1500.2500



FEATURES & STANDARDS

- ◆ INTEGRAL BODY
- ◆ HORIZONTAL OR VERTICAL INSTALLATION
- ◆ SHORT DISTANCE AND LIGHT WEIGHT
- ◆ LOW NOISY & WATER HAMMER
- ◆ DESIGN STANDARDS: API 6D & API 594
- ◆ WAFER & LUG ENDS: ANSI B16.5 & ANSI B16.47-A&B
- ◆ P-T RATING: ANSI B16.34
- ◆ PRESSURE TEST: API 598 & ANSI B16.34

TRIM NO. TABLE

NO	PIN	DISC	SEAT
1	13Cr	13Cr	13Cr
2	304	304	304
5	13Cr	Stellite No.6	Stellite No. 6
8	13Cr	13Cr	Stellite No. 6
9	Monel	Monel	Monel
10	316	316	316
12	316	316	Stellite No. 6
16	316	Stellite No.6	Stellite No. 6
20	304	304	Stellite No. 6
15	304	Stellite No.6	Stellite No. 6

PART NO.6 O-RING IS OPTIONAL

AVAILABLE MATERIAL FOR O-RING

- NBR BUNA-N EPDM
 VITON PTFE _____

NO	PART NAME	WCB	CF8	CF3	CF8M	CF3M
1	BODY	A216-WCB	A351-CF8	A351-CF3	A351-CF8M	A351-CF3M
2	DISC	A351-CF8M	A351-CF8	A351-CF3	A351-CF8M	A351-CF3M
3	SPRING	INCONEL	INCONEL	INCONEL	INCONEL	INCONEL
4	PIN	A479TP316	A479TP304	A479TP304L	A479TP316	A479TP316L
5	SEAT	A479TP316	A479TP304	A479TP304L	A479TP316	A479TP316L
7	HINGE	A216Gr. WCB	A351Gr. CF8	A351Gr. CF3	A351Gr. CF8M	A351Gr. CF3M
8	NUT	A182-F316	A182-F316	A182-F316	A182-F316	A182-F316
9	LOCK NUT	CARBON STEEL	CARBON STEEL	CARBON STEEL	CARBON STEEL	CARBON STEEL
10	HANGER	CARBON STEEL	CARBON STEEL	CARBON STEEL	CARBON STEEL	CARBON STEEL
11	SPACER	A182-F316	A182-F316	A182-F316	A182-F316	A182-F316
12	WASHER	AISI 316	AISI 316	AISI 316	AISI 316	AISI 316
13	PIN	AISI 316	AISI 316	AISI 316	AISI 316	AISI 316
14	PLUG	A105	A182-F304	A182-F304L	A182-F316	A182-F316L

SOOR OIL AND GAS SERVICE - NACE MR-01-75 : A193-B7M STUDS & A194-2HM NUTS ARE AS STANDARD.

API.CE.ISO CERTIFIED

SWING CHECK VALVE - WAFER & LUG TYPE

CLASS 150-FIG NO: 1SCW

SIZE	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L	60.3	66.7	73.0	73.0	86	98.4	127.0	146.1	181.0	184.2	190.5	203.2	219.1	222.3
D	104.8	123.8	136.5	174.6	196.9	222.3	297.4	339.7	409.6	447.7	511.2	546.1	603.3	714.4
H	118	124	132	156	171	191	216	254	286	330	368	387	476	521

CLASS 300-FIG NO: 3SCW

SIZE	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L	60.3	66.7	73.0	73.0	86	98.4	127.0	146.1	181.0	222.3	231.8	263.5	292.1	317.5
D	111.1	130.2	149.2	181.0	215.9	250.8	308.0	362.0	422.3	482.6	536.6	593.7	650.9	771.5
H	118	124	132	156	171	191	216	254	286	330	368	387	476	521

CLASS 600-FIG NO: 6SCW

SIZE	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L	60.3	66.7	73.0	79.4	136.5	165.1	212.7	228.6	273.0	304.8	362.0	368.3	438.2
D	111.1	130.2	149.2	193.7	266.7	320.7	400.1	457.2	489.0	562.0	609.6	679.5	787.4
H	117.5	130.2	152.4	171.5	241.3	273.1	304.8	374.7	Consult Factory				

CLASS 900-FIG NO: 9SCW

SIZE	2"	2-1/2"	3"	4"	6"	8"	10"	12"
L	70	83	83	102	159	206	241	292
D	143	165	168	206	289	359	435	498
H	140	149	159	203	260	305	350	381

CLASS 1500-FIG NO: 15SCW

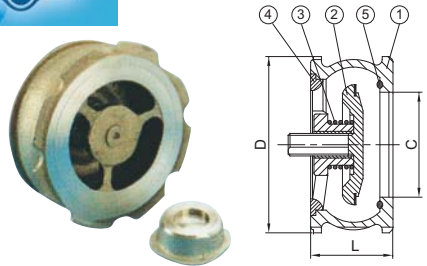
SIZE	2"	2-1/2"	3"	4"	6"	8"	10"	12"
L	70	83	83	102	159	206	248	305
D	143	165	175	210	283	352	435	521
H	140	149	159	203	260	305	350	381

CLASS 2500-FIG NO: 25SCW

SIZE	2"	2-1/2"	3"	4"	6"	8"	10"	12"
L	70	83	86	105	159	206	254	305
D	Consult Factory							
H	Consult Factory							

CHECK VALVE

SINGLE DISCS CHECK VALVE - WAFER TYPE - PN40 - FIG NO.: P3DCW



- FEATURES**
- ◆ INTEGRAL BODY
 - ◆ HORIZONTAL OR VERTICAL INSTALLATION
 - ◆ LOW NOISY AND WATER HAMMER.
 - ◆ SHORT DISTANCE AND LIGHT WEIGHT
 - ◆ LOW PRESSURE DROP

MATERIAL LIST

NO	PART NAME	WCB	CF8	CF3	CF8M	CF3M
1	Body	A216-WCB	A351-CF8	A351-CF3	A351-CF8M	A351-CF3M
2	Disc	A351-CF8	A351-CF8	A351-CF3	A351-CF8M	A351-CF3M
3	Spring	AISI 304	AISI 304	AISI 304L	AISI 316	AISI 316L
4	Guide	A351-CF8	A351-CF8	A351-CF3	A351-CF8M	A351-CF3M
5	Seat Seal	<input type="checkbox"/> NBR <input type="checkbox"/> EPDM <input type="checkbox"/> VITON <input type="checkbox"/> PTFE <input type="checkbox"/> METALLIC				

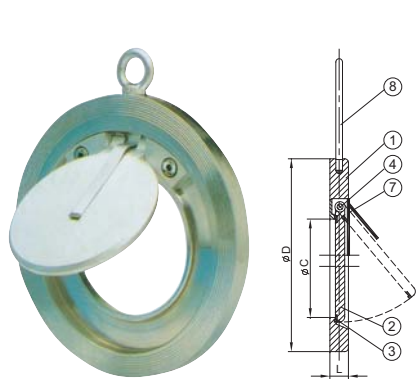
DISC : 13Cr STELLITE FACING
SEAT : 13Cr STELLITE FACING

UNIT:mm

MAX W. P.	40 BAR G.				
DISC SEAL	NBR	EPDM	VITON	PTFE	METALLIC
MAX. W. T. (°C)	-30~90	-50~150	-25~200	-196~200	-196~300

SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"
L	16	19	22	28	32	40	46	50	60	90	106	140
D	53	63	73	84	94	109	129	144	162	192	218	273
C	15	20	25	32	40	50	65	80	100	125	150	200

SINGLE PLATE CHECK VALVE - WAFER TYPE - PN40 - FIG NO.: P3PCW



- FEATURES**
- ◆ INTEGRAL BODY
 - ◆ HORIZONTAL OR VERTICAL INSTALLATION
 - ◆ SHORT DISTANCE AND LIGHT WEIGHT
 - ◆ LOW PRESSURE DROP
 - ◆ SPRING LOADED IS AVAILABE ON REQUEST FOR LOW NOISY AND WATER HAMMER

MATERIAL LIST

NO	PART NAME	WCB	CF8	CF3	CF8M	CF3M
1	Body	A216-WCB	A351-CF8	A351-CF3	A351-CF8M	A351-CF3M
2	Disc	A216-WCB	A351-CF8	A351-CF3	A351-CF8M	A351-CF3M
3	Seat Seal	<input type="checkbox"/> NBR <input type="checkbox"/> EPDM <input type="checkbox"/> VITON <input type="checkbox"/> PTFE <input type="checkbox"/> METALLIC				
4	PIN	AISI 304	AISI 304	AISI 304L	AISI 316	AISI 316L
5	PIN Holder	AISI 304	AISI 304	AISI 304L	AISI 316	AISI 316L
6	Screw	AISI 304	AISI 304	AISI 304L	AISI 316	AISI 316L
7	Spring*	AISI 304	AISI 304	AISI 304L	AISI 316	AISI 316L
8	Hanger	CARBON STEEL	CARBON STEEL	CARBON STEEL	CARBON STEEL	CARBON STEEL

DISC : 13Cr STELLITE FACING
SEAT : 13Cr STELLITE FACING
*SPRING IS OPTIONAL DEVICE

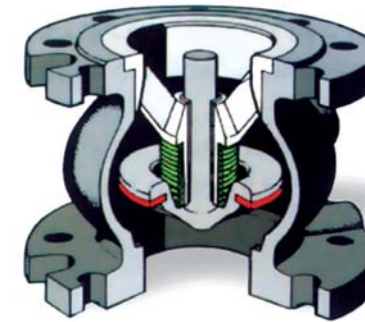
UNIT:mm

MAX W. P.	40 BAR G.				
DISC SEAL	NBR	EPDM	VITON	PTFE	METALLIC
MAX. W. T. (°C)	-30~90	-50~150	-25~200	-196~200	-196~300

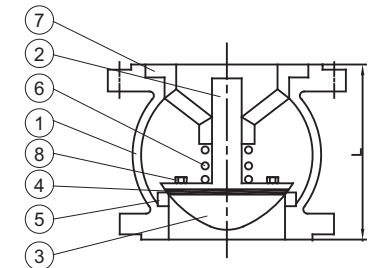
SIZE	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L	16	16	16	16	16	16	19	28	32	38	38	48	48	58	58
D	94	109	129	144	162	194	220	275	331	381	440	490	540	595	698
C	22	32	42	54	71	95	114	164	199	240	270	310	344	400	480

*OTHER FACE TO FACE ALSO ARE AVAILABLE.

AXIAL CHECK VALVE - ANSI CL. 150.300.600.900.1500.2500 - FIG NO.:ACF/ACB



- FEATURES & STANDARDS**
- ◆ INTEGRAL BODY
 - ◆ HORIZONTAL OR VERTICAL INSTALLATION
 - ◆ LOW NOISY & WATER HAMMER
 - ◆ LOW PRESSURE DROP
 - ◆ DESIGN: API 600 & ANSI B16.34
 - ◆ FACE TO FACE: ANSI B16.10
 - ◆ FLANGE FACE: ANSI B16.5 & ANSI B16.47A & B
 - ◆ BUTT WELD ENDS: ANSI B16.25
 - ◆ P-T RATING: ANSI B16.34
 - ◆ PRESSURE TEST: API598 & ANSI B16.34



TRIM NO. TABLE

NO	PIN	DISC	SEAT
1	13Cr	13Cr	13Cr
2	304	304	304
5	13Cr	Stellite No.6	Stellite No. 6
8	13Cr	13Cr	Stellite No. 6
9	Monel	Monel	Monel
10	316	316	316
12	316	316	Stellite No. 6
16	316	Stellite No.6	Stellite No. 6
20	304	304	Stellite No. 6
15	304	Stellite No.6	Stellite No. 6

OPTION DISC SEAL
 NBR BUNA-N EPDM
 VITON PTFE

MATERIAL LIST

NO	PART NAME	WCB	LCB	WC6	WC9	C5	C12	CF8	CF8M
1	Body	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
2	PIN	A217-CA15	A217-CA15	A217-CA15	A217-CA15	A217-CA15	A217-CA15	A351-CF8	A351-CF8M
3	Conic Disc	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
4	Disc Seal	<input type="checkbox"/> NBR <input type="checkbox"/> EPDM <input type="checkbox"/> VITON <input type="checkbox"/> PTFE <input type="checkbox"/> METALLIC - INTEGRAL							
5	Seat	A105	A350-LF2	A182-F11	A182-F22	A182-F5	A182-F9	A182-F304	A182-F316
6	Spring	INCONEL	INCONEL	INCONEL	INCONEL	INCONEL	INCONEL	INCONEL	INCONEL
7	Guide	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
8	Blot	AISI 304	AISI 304	AISI 304	AISI 304	AISI 304	AISI 304	AISI 304	AISI 316

FACE TO FACE - L

SIZE	FIG NO.	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	28"	30"	36"
CL.150	1AC	203	216	241	292	330	356	495	622	698	787	864	978	978	1295	1448	1524	1956
CL.300	3AC	267	292	318	356	400	444	533	622	711	838	864	978	1016	1346	1499	1594	-
CL.600	6AC	292	330	356	432	508	559	660	787	838	889	991	1092	1194	1397	-	-	-
CL.900	9AC	368	419	381	457	559	610	737	838	965	1029	1130	1219	1321	1549	-	-	-
CL.1500	15AC	368	419	470	546	673	705	832	991	1130	1257	1383	1537	1664	1943	-	-	-
CL.2500	25AC	451	508	578	673	794	914	1022	1270	1422	1575	1727	-	-	-	-	-	-

SOOR OIL AND GAS SERVICE - NACE MR-01-75 : A193-B7M STUDS & A194-2HM NUTS ARE AS STANDARD.



CHECK VALVE

OPTIONAL DEVICES FOR CHECK VALVE

