



**JDV
CONTROL
VALVES**



SKA SKG SKH Series

GATE VALVE GLOBE VALVE CHECK VALVE





**JDV
CONTROL
VALVES**

SKA Series

FLANGE/SOCKET WELD ENDS, GATE VALVE

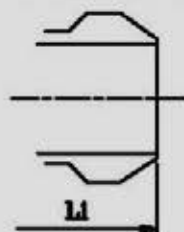
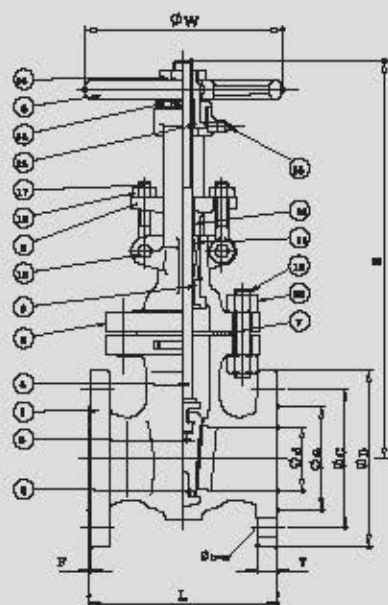
DESIGN DESCRIPTION:

- OUTSIDE SCREW AND YOKE
- BOLTED BONNET
- FLEXIBLE WEDGE, FULLY GUIDED
- RENEWABLE SEAT RINGS
- RISING STEM AND NON-RISING HANDWHEEL
- AVAILABLE WITH GEAR OPERATOR
- FLANGED ENDS
- BUTTWELDING ENDS

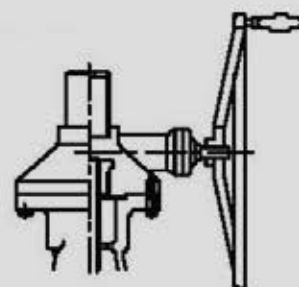
APPLICABLE STANDARDS:

- GATE VALVES, API 600
- STEEL VALVES, ANSI B16.34
- FACE TO FACE, ANSI B16.10
- END FLANGES, ANSI B16.5
- BUTTWELDING ENDS, ANSI B16.25
- INSPECTION AND TEST, API 598





Buttwelding Ends



Available With Gear Operator

PARTS AND MATERIAL (ASTM)

NO.	PARTS NAME	MATERIALS		
		WCB	WC6	LCB
1	Body	A216-WCB	A217-WC6	A352-LCB
2	Bonnet	A216-WCB	A217-WC6	A352-LCB
3	Disc	A215-WCB+HF 410	A217-WCB+HF 410	A352-LCB+HF 410
4	Stem	A182-F6a		
5	Seat	A105+H/F STLΦ6	A182-F11+H/F STLΦ6	A350-LF2+H/F STLΦ6
6	Hand Wheel	A47 / A536		
7	Gasket	Grafol + 316 Sheet		
8	Gland Flange	A216-WCB		
9	Bonnet Bush	A276-410		
10	Gland	A276-410		
11	Gland packing	Graphite		
12	Eye Bolt Pin	A276-410		
13	Stem Nut	A439-D2		
14	Retainer Nut	A36		
15	Nipple	Brass		
16	Wheel Nut	A36		
17	Eye Bolt	A307 B		
18	Eye Bolt Nut	A194-2H		
19	Bonnet Bolt	A193-B7	A193-B7	A193-B7M
20	Bonnet Bolt Nut	A194-2H	A194-2H	A194-2HM
21	Name Plate	A666-304		

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



DIMENSION(SKA-C1 SERIES ANSI-150LB)

SIZE	DIMENSION(mm)									
In	Φd	L	ΦD	ΦC	ΦG	T	F	H	W	n-Φh
Class 150LB										
1/2"	15	108	89	60.5	35	12	1.6	174	100	4-15
3/4"	20	117	98	70.0	43	12	1.6	182	100	4-15
1"	25	127	108	79.5	51	12	1.6	189	100	4-15
1-1/2"	40	165	127	98.5	73	15	1.6	229	138	4-15
2"	50	178	152	120.5	92	16	1.6	268	160	4-19
2-1/2"	65	190	178	139.5	105	18	1.6	331	200	4-19
3"	80	203	190	152.5	127	19	1.6	345	200	4-19
4"	100	229	229	190.5	157	24	1.6	401	224	8-19
5"	125	254	254	216.0	186	24	1.6	543	280	8-22
6"	150	267	279	241.5	216	26	1.6	561	280	8-22
8"	203	292	343	298.5	270	29	1.6	713	300	8-22
10"	254	330	406	362	324	31	1.6	1146	400	12-25
12"	305	356	483	432	381	32	1.6	1328	450	12-25
14"	337	381	533	476	413	35	1.6	1519	500	12-29
16"	387	406	597	540	470	37	1.6	1721	560	16-29
18"	438	432	635	578	533	40	1.6	1900	640	16-32
20"	489	457	699	635	584	43	1.6	2116	640	20-32
24"	591	508	813	749.5	692	48	1.6	2480	720	20-35

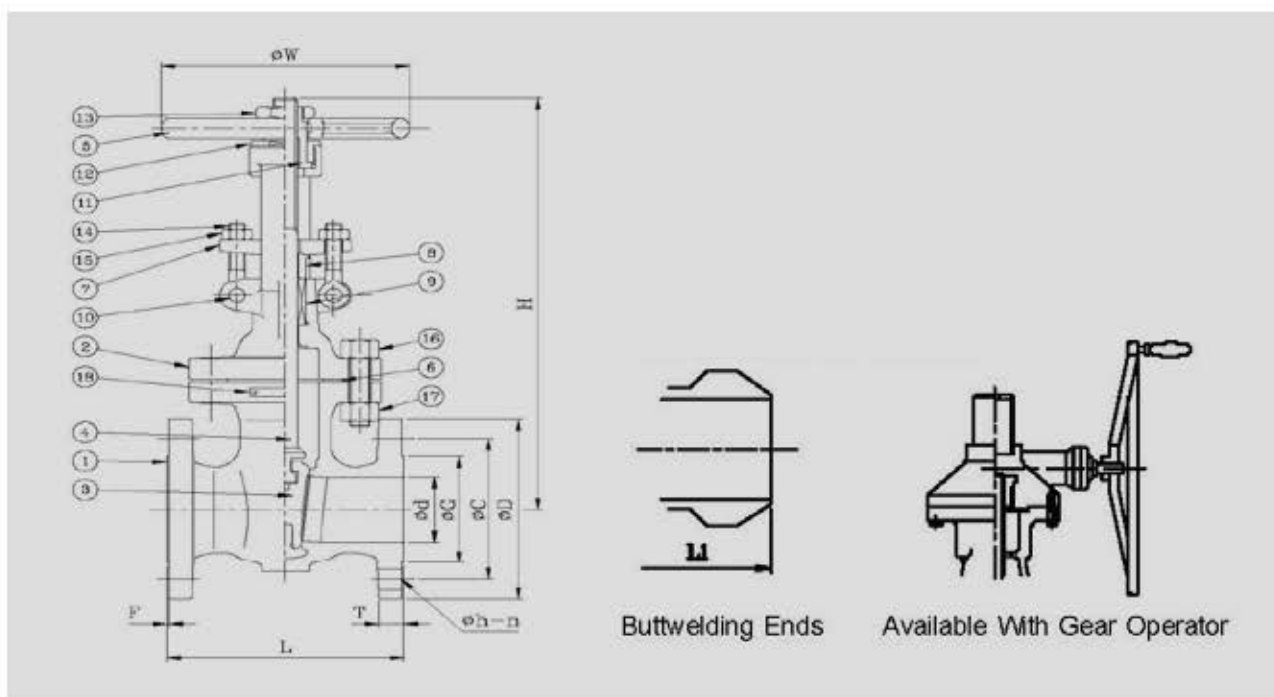
DIMENSION(SKA-C2 SERIES ANSI-300LB)

SIZE	DIMENSION(mm)									
In	Φd	L	ΦD	ΦC	ΦG	T	F	H	W	n-Φh
Class 300LB										
10"	254	457	445	387.5	324	48	1.6	1192	450	16-29
12"	305	502	521	451	381	51	1.6	1431	500	16-32
14"	337	762	584	514.5	413	54	1.6	1559	640	20-32
16"	387	838	648	571.5	470	58	1.6	1758	720	20-35
18"	432	914	711	628.5	533	61	1.6	1942	720	24-35
20"	483	991	775	686	584	64	1.6	2145	800	24-35

DIMENSION(SKA-C3 SERIES ANSI-600LB)

SIZE	DIMENSION(mm)									
In	Φd	L	ΦD	ΦC	ΦG	T	F	H	W	n-Φh
Class 600LB										
10"	248	787	508	432	324	64		1279	640	16-35
12"	298	838	559	489	381	67	6.4	1486	640	20-35
14"	327	889	603	527	413	70	6.4	1643	610*	20-38
16"	375	991	686	603	470	77	6.4	1798	610*	20-41
18"	419	1092	743	654	533	83	6.4	2101	720	20-44
20"	464	1194	813	724	584	89	6.4	2259	710*	24-44

With * recommended for gear box operation.



PARTS AND MATERIAL (ASTM)

NO.	PARTS NAME	MATERIALS		
		CF8	CF8M	CF3M
1	Body	A351-CF8	A351-CF8M	A351-CF3M
2	Bonnet	A351-CF8	A351-CF8M	A351-CF3M
3	Disc	A351-CF8	A351-CF8M	A351-CF3M
4	Stem	A182-F304	A182-F316	A182-F316L
5	Seat	A47/A536		
6	Gasket	PTFE / Grafoil + 316 Sheet		
7	Gland Flange	A351-CF8		
8	Gland	A351-CF8M		
9	Gland packing	PTFE / Graphite		
10	Eye Bolt Pin	A276-304		
11	Stem Nut	A439-D2 / Bronze		
12	Retainer Nut	A351-CF8		
13	Wheel Nut	B16		
14	Eye Bolt	A193-B8		
15	Eye Bolt Nut	A194-8		
16	Bonnet Bolt	A193-B8		
17	Bonnet Bolt Nut	A194-8		
18	Name Plate	A666-304		

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



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DIMENSION(SKA-C1 SERIES ANSI-150LB)

SIZE	DIMENSION(mm)									
In	Φd	L	ΦD	ΦC	ΦG	T	F	H	W	n-Φh
Class 150LB										
1/2"	17	108	89	60.5	35	12	1.6	174	100	4-15
3/4"	20	117	98	70.0	43	12	1.6	182	100	4-15
1"	25	127	108	79.5	51	12	1.6	189	100	4-15
1-1/2"	32	140	117	89	64	13	1.6	252	100	4-15
2"	40	165	127	98.5	73	15	1.6	229	138	4-19
2-1/2"	50	178	152	120.5	92	16	1.6	337	200	4-19
3"	80	203	190	152.5	127	19	1.6	383	224	4-19
4"	100	229	229	190.5	157	24	1.6	477	280	8-19
6"	150	267	279	241.5	216	26	1.6	607	300	8-22
8"	203	292	343	298.5	270	29	1.6	762	350	8-22
10"	254	330	406	362	324	31	1.6	1146	400	12-25
12"	305	356	483	432	381	32	1.6	1328	450	12-25
14"	337	381	533	476	413	35	1.6	1519	500	12-29
16"	387	406	597	540	470	37	1.6	1721	560	16-29
18"	438	432	635	578	533	40	1.6	1900	640	16-32
20"	489	457	699	635	584	43	1.6	2116	640	20-32
24"	591	508	813	749.5	692	48	1.6	2480	720	20-35

DIMENSION(SKA-C2 SERIES ANSI-300LB)

SIZE	DIMENSION(mm)									
In	Φd	L	ΦD	ΦC	ΦG	T	F	H	W	n-Φh
Class 300LB										
1/2"	15	140	95	66.5	35	15	1.6	179	100	4-15
3/4"	20	152	117	82.5	43	16	1.6	179	100	4-19
1"	25	165	124	89.0	51	18	1.6	221	138	4-19
1-1/2"	40	190	156	114.5	73	21	1.6	259	200	4-22
2"	50	216	165	127	92	23	1.6	275	200	8-19
2-1/2"	65	241	190	149	105	26	1.6	334	224	8-22
3"	80	283	210	168.5	127	29	1.6	384	224	8-22
4"	100	305	254	200	157	32	1.6	440	300	8-22
5"	150	381	279	235	186	35	1.6	601	350	8-22
6"	203	403	318	270	216	37	1.6	601	350	12-22
8"	203	419	381	330	270	42	1.6	774	400	12-25
10"	254	457	445	387.5	324	48	1.6	1192	450	16-29
12"	305	502	521	451	381	51	1.6	1431	500	16-32
14"	337	762	584	514.5	413	54	1.6	1559	640	20-32
16"	387	838	648	571.5	470	58	1.6	1758	720	20-35
18"	432	914	711	628.5	533	61	1.6	1942	720	24-35
20"	483	991	775	686	584	64	1.6	2145	800	24-35

DIMENSION(SKA-C3 SERIES ANSI-600LB)

SIZE	DIMENSION(mm)									
In	Φd	L	ΦD	ΦC	ΦG	T	F	H	W	n-Φh
Class 600LB										
10"	248	787	508	432	324	64	6.4	1279	640	16-35
12"	298	838	559	489	381	67	6.4	1486	640	20-35
14"	327	889	603	527	413	70	6.4	1643	610*	20-38
16"	375	991	686	603	470	77	6.4	1798	610*	20-41
18"	419	1092	743	654	533	83	6.4	2101	720	20-44
20"	464	1194	813	724	584	89	6.4	2259	710*	24-44

HOW TO ORDER

SKA → **A** → **B** → **C** → **D** → **E** → **F** → **G**

Ex: SKA → **C1** → **03** → **A** → **A** → **A** → **100** → **F**

A. SPECIFICATION	B. BODY MAT'L	C. DISC	D. STEM MAT'L
C1 ANSI 150LB C2 ANSI 300LB C3 ANSI 600LB C4 ANSI 900LB C5 ANSI 1500LB	02 WCB 03 CF8 04 CF8M 05 CF3 06 CF3M	W WCB A CF8 C CF8M D CF3 E CF3M	A 304 C 316 D 304L E 316L
E. SEAT	F. SIZE	G. END CONNECTION	
W WCB A VF8 C CF8M D CF3 E CF3M	015 1/2" 020 3/4" 025 1" 040 1-1/2" 050 2" 065 2-1/2" 080 3" 100 4" 125 5" 150 6" 200 8" 250 10" 300 12" 350 14" 400 16" 450 18" 500 20" 600 24"	F FLANGE B THREAD/SOCKET	



**JDV
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SKG Series

GLOBE VALVE FLANGED SOCKET WELDED ENDS

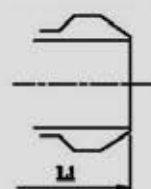
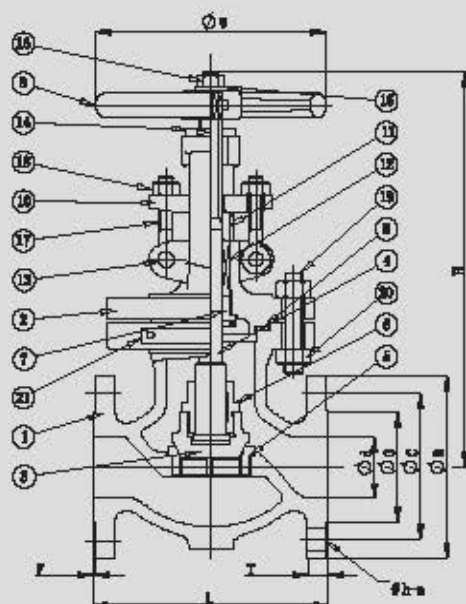
DESIGN DESCRIPTION:

- OUTSIDE SCREW AND YOKE
- BOLTED BONNET
- RISING STEM AND HANDWHEEL
(IMPACT-HAMMER
HANDWHEEL FOR 10" & OVER.)
- YOKE INTEGRAL WITH BONNET
- LOOSE DISC
- RENEWABLE SEAT RINGS
- FLANGED ENDS
- BUTTWELDING ENDS

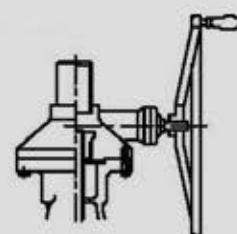
APPLICABLE STANDARDS:

- STEEL VALVES, ANSI B16.34
- FACE TO FACE, ANSI B16.10
- END FLANGES, ANSI B16.5
- BUTTWELDING ENDS, ANSI B16.25
- INSPECTION AND TEST, API 598





Buttwelding Ends



Available With Gear Operator

NO.	PARTS NAME	MATERIALS			MATERIALS		
		WCB	WC6	LCB	CF8	CF8M	CF3M
1	Body	A216-WCB	A217-WC6	A352-LCB	A351-CF8	A351-CF8M	A351-CF3M
2	Bonnet	A216-WCB	A217-WC6	A352-LCB	A351-CF8	A351-CF8M	A351-CF3M
3	Disc	A216-WCB+H/F 410	A217-WC6+H/F 410	A352-LCB+H/F 410	A351-CF8	A351-CF8M	A351-CF3M
4	Stem	A276-410			A182-F304	A182-F316	A182-F316L
5	Seat	A105+H/F STL#6	A182-F11+H/F STL#6	A350-LF2+H/F STL#6	/		
6	Disc Nut	A276-410			A276-304	A276-316	A276-316L
7	Back Seat	A276-410			/		
8	Hand Wheel	A47 /A536			A47 /A536		
9	Gasket	Grafoil+316 Sheet			PTFE / Grafoil+316 Sheet		
10	Gland Flange	A216-WCB			A351-CF8		
11	Gland	A276-410			A351-CF8M		
12	Gland Packing	Graphite			PTFE / Graphite		
13	Eye Bolt Pin	A276-410			A276-304		
14	Stem Nut	A439-D2			A439-D2/A276-410		
15	Washer	A36+ Zn Plate			A240-304		
16	Wheel Nut	A194-2H			A193-304		
17	Eye Bolt	A307 B			A193-B8		
18	Eye Bolt Nut	A194-2H			A194-8		
19	Bonnet Bolt	A193-B7	A193-B7	A193-B7M	A193-B8		
20	Bonnet Bolt Nut	A194-2H	A194-2H	A194-2HM	A194-8		
21	Name Plate	A666-304			A666-304		

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



DIMENSION(SKG-C1 SERIES ANSI-150LB)

SIZE	DIMENSION(mm)									
In	Φd	L	ΦD	ΦC	ΦG	T	F	H	W	n-Φh
Class 150LB										
1/2"	15	108	89	60.5	35	12	1.6	165	100	4-15
3/4"	20	117	98	70.0	43	12	1.6	171	100	4-15
1"	25	127	108	79.5	51	12	1.6	185	100	4-15
1-1/2"	40	165	127	98.5	73	15	1.6	214	138	4-15
2"	50	203	152	120.5	92	16	1.6	235	160	4-19
3"	76	241	190	152.5	127	19	1.6	336	200	4-19
4"	102	292	229	190.5	157	24	1.6	357	224	8-19
6"	152	406	279	241.5	216	26	1.6	421	280	8-22
8"	200	495	343	298.5	270	29	1.6	491	300	8-22
10"	254	622	406	362	324	31	1.6	754	450	12-25
12"	305	698	483	432	381	32	1.6	941	640	12-25
14"	337	787	533	476	413	35	1.6	1023	640	12-29
16"	387	914	597	540	470	37	1.6	1102	640	16-29

DIMENSION(SKG-C2 SERIES ANSI-300LB)

SIZE	DIMENSION(mm)									
In	Φd	L	ΦD	ΦC	ΦG	T	F	H	W	n-Φh
Class 300LB										
1/2"	15	152	95	66.5	35	15	1.6	175.5	100	4-15
3/4"	20	178	117	82.5	43	16	1.6	176.5	100	4-19
1"	25	203	124	89	51	18	1.6	203	138	4-19
1-1/2"	40	229	156	114.5	73	21	1.6	238	200	4-22
2"	50	267	165	127	92	23	1.6	249	200	8-19
3"	76	318	210	168.5	127	29	1.6	365	280	8-22
4"	102	356	254	200	157	32	1.6	421	350	8-22
6"	152	444	318	270	216	37	1.6	606	400	12-22
8"	200	559	381	330	270	42	1.6	697	450	12-25
10"	254	622	445	387.5	324	48	1.6	949	560	16-29
12"	305	711	521	451	381	51	1.6	996	640	16-32

DIMENSION(SKG-C3 SERIES ANSI-600LB)

SIZE	DIMENSION(mm)									
In	Φd	L	ΦD	ΦC	ΦG	T	F	H	W	n-Φh
Class 600LB										
10"	248	787	508	432	324	64	1.6	1040	640	16-35
12"	298	838	559	489	381	67	1.6	1280	640	20-35

HOW TO ORDER

SKG → **A** → **B** → **C** → **D** → **E** → **F** → **G**

Ex: SKG → **C1** → **03** → **A** → **A** → **A** → **100** → **F**

A. SPECIFICATION	B. BODY MAT'L	C. DISC	D. STEM MAT'L
C1 ANSI 150LB C2 ANSI 300LB C3 ANSI 600LB	02 WCB 03 CF8 04 CF8M 05 CF3 06 CF3M	W WCB A CF8 C CF8M D CF3 E CF3M	A 304 C 316 D 304L E 316L
E. SEAT	F. SIZE	G. END CONNECTION	
W WCB A CF8 C CF8M D CF3 E CF3M	015 1/2" 020 3/4" 025 1" 040 1-1/2" 050 2" 065 2-1/2" 080 3" 100 4" 125 5" 150 6" 200 8" 250 10" 300 12" 350 14" 400 16" 450 18" 500 20" 600 24"	F FLANGE B THREAD/SOCKET	



**JDV
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VALVES**

SKH Series

CHECK VALVE FLANGED/SOCKET WELDED ENDS

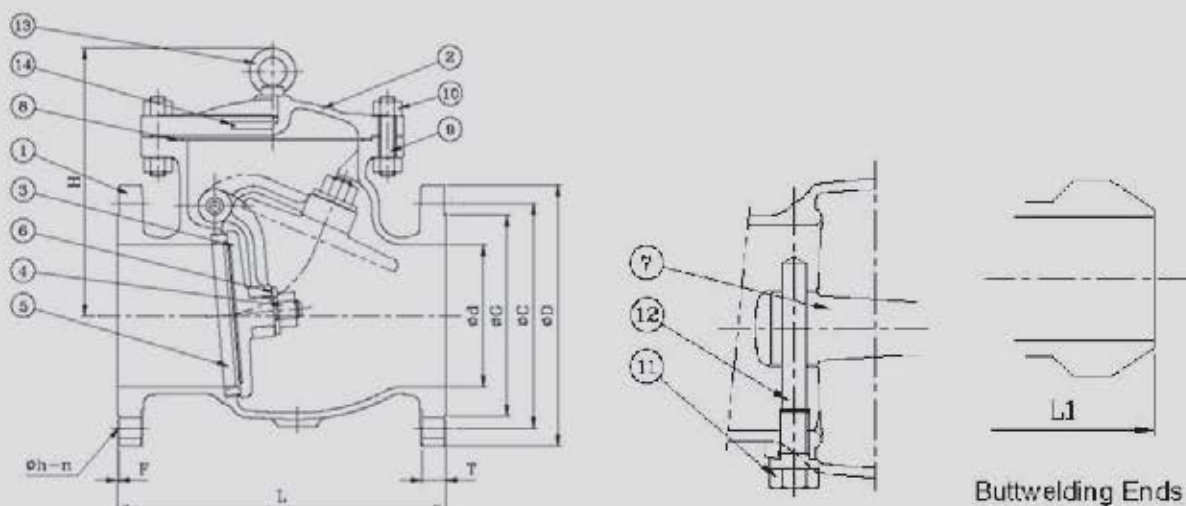
DESIGN DESCRIPTION:

- BOLTED COVER
- SWING TYPE
- FOR HORIZONTAL OR VERTICAL LINES
- RENEWABLE SEAT RING
- FLANGED ENDS
- BUTTWELDING ENDS

APPLICABLE STANDARDS:

- STEEL VALVES, ANSI B16.34
- FACE TO FACE, ANSI B16.10
- END FLANGES, ANSI B16.5
- BUTTWELDING ENDS, ANSI B16.25
- INSPECTION AND TEST, API 598





PARTS AND MATERIAL (ASTM)

NO.	PARTS NAME	MATERIALS			MATERIALS		
		WCB	WC6	LCB	CF8	CF8M	CF3M
1	Body	A216-WCB	A217-WC6	A352-LCB	A351-CF8	A351-CF8M	A351-CF3M
2	Cover	A216-WCB	A217-WC6	A352-LCB	A351-CF8	A351-CF8M	A351-CF3M
3	Disc	A216-WCB+H/F 410	A217-WC6+H/F 410	A352-LCB+H/F 410	A351-CF8	A351-CF8M	A351-CF3M
4	Disc Nut	A194-8			A194-8	A194-8M	A194-8M
5	Seat Ring	A 1 0 5 + H / F STL#6	A217-WC6+H/F STL#6	A350-LF2+H/F STL#6	/		
6	Disc Washer	A276-304			A276-304	A276-316	A276-316L
7	Swing Arm	A216-WCB	A217-WC6	A352-LCB	A351-CF8	A351-CF8M	A351-CF3M
8	Gasket	Grafoil+316 Sheet			PTFE/ Grafoil+316 Sheet		
9	Cover Bolt	A193-B7			A193-B7	A193-B7M	A193-B8
10	Cover Bolt Nut	A194-2H			A194-2H	A194-2HM	A194-8
11	Plug	A276-410			A276-304	A276-316	A276-316L
12	Hinge Pin	A276-410			A276-304	A276-316	A276-316L
13	Eye Bolt	A36+ Zn Plate			A36+ Zn Plate		
14	Name Plate	A666-304			A666-304		

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



JDV CONTROL VALVES

DIMENSION(SKH-C1 SERIES ANSI-150LB)

SIZE	DIMENSION(mm)								
In	Φd	L	ΦD	ΦC	ΦG	T	F	H	n-Φh
Class 150LB									
1/2"	15	108	89	60.5	35	12	1.6	67	4-15
3/4"	20	117	98	70.0	43	12	1.6	71	4-15
1"	25	127	108	79.5	51	12	1.6	80	4-15
1-1/2"	40	165	127	98.5	73	15	1.6	96	4-15
2"	50	203	152	120.5	92	16	1.6	108	4-19
2-1/2"	64	216	178	139.5	105	18	1.6	157	4-19
3"	76	241	190	152.5	127	19	1.6	165	4-19
4"	102	292	229	190.5	157	24	1.6	218	8-19
5"	127	330	254	216.0	186	24	1.6	255	8-22
6"	152	356	279	241.5	216	26	1.6	296	8-22
8"	200	495	343	298.5	270	29	1.6	354	8-22
10"	254	622	406	362	324	31	1.6	398	12-25
12"	305	698	483	432	381	32	1.6	525	12-25
14"	337	787	533	476	413	35	1.6	553	12-29
16"	387	864	597	540	470	37	1.6	584	16-29
18"	438	978	635	578	533	40	1.6	668	16-32
20"	489	978	699	635	584	43	1.6	712	20-32
24"	591	1295	813	749.5	692	48	1.6	740	20-35

DIMENSION(SKH-C2 SERIES ANSI-300LB)

SIZE	DIMENSION(mm)								
In	Φd	L	ΦD	ΦC	ΦG	T	F	H	n-Φh
Class 300LB									
1/2"	17.9	152	95	66.5	35	15	1.6	84	4-15
3/4"	20.0	178	117	82.5	43	16	1.6	85	4-19
1"	25.0	216	124	89	51	18	1.6	88	4-19
1-1/2"	40.0	241	156	114.5	73	21	1.6	91	4-22
2"	51.0	267	165	127	92	23	1.6	101	8-19
2-1/2"	64	292	190	149	105	26	1.6	157	8-22
3"	76	318	210	168.5	127	29	1.6	172	8-22
4"	102	356	254	200	157	32	1.6	225	8-22
5"	127	400	279	235	186	35	1.6	255	8-22
6"	152	444	318	270	216	37	1.6	296	12-22
8"	200	533	381	330	270	42	1.6	354	12-25
10"	254	622	445	387.5	324	48	1.6	483	16-29
12"	305	711	521	451	381	51	1.6	555	16-32
14"	337	838	584	514.5	413	54	1.6	585	20-32
16"	387	864	648	571.5	470	58	1.6	615	20-35
18"	432	978	711	528.5	533	64	1.6	643	24-35
20"	483	1016	775	686	584	64	1.6	681	24-35
24"	584	1346	914	813	692	70	1.6	710	24-41

DIMENSION(SKH-C3 SERIES ANSI-600LB)

SIZE	DIMENSION(mm)								
In	Φd	L	ΦD	ΦC	ΦG	T	F	H	n-Φh
Class 600LB									
10"	248	787	508	432	324	64	6.4	490	16-35
12"	298	838	559	489	381	67	6.4	528	20-35
14"	327	889	603	527	413	70	6.4	572	20-38
16"	375	991	686	603	470	77	6.4	660	20-41
18"	419	1092	743	654	533	83	6.4	720	24-44
20"	464	1190	813	724	584	89	6.4	746	24-44
24"	559	1397	940	838	692	102	6.4	960	24-52

HOW TO ORDER

SKH → **A** → **B** → **C** → **D** → **E** → **F** → **G** → **H**
 Ex: SKH → **C1** → **03** → **A** → **A** → **A** → **100** → **A** → **F**

A. SPECIFICATION	B. BODY MAT'L	C. DISC	D. STEM MAT'L
C1 ANSI 150LB C2 ANSI 300LB C3 ANSI 600LB	02 WCB 03 CF8 04 CF8M 05 CF3 06 CF3M	W WCB A CF8 C CF8M D CF3 E CF3M	A 304 C 316 D 304L E 316L
E. SEAT	F. SIZE	G END CONNE CTION	G END CONNE CTION
W WCB A CF8 C CF8M D CF3 E CF3M	015 1/2" 020 3/4" 025 1" 040 1-1/2" 050 2" 065 2-1/2" 080 3" 100 4" 125 5" 150 6" 200 8" 250 10" 300 12" 350 14" 1350 54"	A SWNG B LIFT C MULTI-DISC	F FLANGE B THREAD/SO CKET