PACIFIC VALVES

FORGED STEEL VALVES

8	A	05	A	15	S
CLASS	TYPE	MATERIAL	PORT & BONNET	API TRIM NO.	ENDS

CLASS

8	800#
1	150#
3	300#
6	600#
9	900#
15	1500#
16	1690#
25	2500#
26	2680#
45	4500#

TYPE

A	GATE
B	GLOBE
C	Y-GLOBE
D	STOP CHECK
E	PISTON CHECK
F	SWING CHECK
H	Y-PISTON CHECK
K	BELLOWS GATE
L	BELLOWS GLOBE
M	BELLOWS Y-GLOBE

MATERIAL

05	A105N
F2	LF2
11	F11
22	F22
F5	F5
51	F51
F9	F9
91	F91
04	F304 (L/H)
16	F316 (L/H)
47	F347 (H)

Port & Bonnet

A	Reduced Port Bolted Bonnet
B	Reduced Port Welded Bonnet
C	Reduced Port Extended Bonnet
D	Full Port Bolted Bonnet
E	Full Port Welded Bonnet
F	Full Port Extended Bonnet

API Trim No.

5	HF
8	13 Cr
15	304 SSHF
16	316 SSHF
17	347 SSHF

Ends

S	SW
N	NPT
X	SWXNPT
B	B.W
F	Flange

CRANE®
Energy Flow Solutions

3201 Walnut Avenue Signal Hill, CA 90755
Tel: 562.426.2531 • Fax: 562.595.9717 www.cranevalve.com

PACIFIC VALVES

BOLTED BONNET TYPE GATE VALVES

800 # Forged Steel Gate Valve BB OS & Y

No.	Parts	A105	A182				
			F11	F22	F91	316	A304
1	Body	A105	F11	F22	F91	F316	F304
2	Seat Ring	A276-410, A276-420	F11 + STL	F22 + STL	F91 + STL	F316 + STL	F304 + STL
3	Wedge	A276-410 + STL / A105 + STL				A182-F316+STL, A276-316+STL	
4	Stem	A276-410, A276-431				A276-304, A276-316	
5	Gasket	A240-304+Graphite					
6	Bonnet	A105	F11	F22	F91	F316	F304
7	Bonnet Bolt	A193-B7	A193-B16			A193-B8	
8	Gland Packing	Graphite					
9	Gland Bolt	A193-B7				A193-B8	
10	Gland	A276-410				A276-304	
11	Gland Flange	A105N				A182-F304	
12	Gland Nut	A194-2H				A194-8	
13	Sleeve Washer	High Tension Brass					
14	Yoke Sleeve	High Tension Brass					
15	Handwheel	A197					
16	Name Plate	Aluminum				304 SS	
17	H/W Nut	A536A					

CLASS 800# FORGED STEEL GATE VALVE BB OS & Y

No.	Parts		
1.	BODY		
2.	SEATRING		
3.	WEDGE		
4.	STEM		
5.	GASKET		
6.	BONNET		
7.	BONNET BOLT		
8.	GLAND PACKING		
9.	GLAND BOLT		
10.	GLAND		
11.	GLAND FLANGE		
12.	GLAND NUT		
13.	SLEEVE WASHER		
14.	YOKE SLEEVE		
15.	HANDWHEEL		
16.	NAME PLATE		
17.	H/W NUT		

SIZE (inch)	H (open)	L	W	Port Dia.. P	End Connection				Weight (LB)	Cv	
					B	C	d1	S			
1/4	5.4	3.0	3.31	.25	.55	.38	1/4 NPT	.40	3.3	2.6	
3/8	5.4	3.0	3.31	.38	.69	.38	3/8 NPT	.42	3.3	6.0	
1/2	5.4	3.0	3.31	.38	.86	.38	1/2 NPT	.54	3.5	6.0	
3/4	5.8	3.63	3.82	.50	1.07	.50	3/4 NPT	.55	4.6	11.3	
1	6.8	4.09	3.82	.71	1.33	.50	1 NPT	.69	6.2	26.3	
1 1/4	8.5	4.53	5.39	1.13	1.68	.50	1 1/4 NPT	.71	11.0	52.4	
1 1/2	8.5	4.53	5.39	1.13	1.92	.50	1 1/2 NPT	.72	10.6	78.0	
2	10.3	5.75	5.39	1.48	2.40	.62	2 NPT	.76	18.1	115.0	

Pressure Rating	CLASS 800		
Working Press	psig (kgf/cm²)		
Working Temp.	°F (C)		
Seat Ring Face	■ Stellited (#6) □ Monel		
Wedge Face	■ Stellited (#6) □ Hardened (Q.T) □ Monel	End Connection	■ Socket Weld (ANSI B16.11) □ NPT-F(ANSI B 1.20.1) □ Socket Weld x NPT-F

NOTE:

Design	API602	App'd by		2	
Date	3-25-03	Chk'd by		1	
D.W.G No.	**03-094-B**	Drawn by		Rev.	Description

CRANE - PACIFIC VALVES

BOLTED BONNET TYPE GLOBE VALVES

800 # Forged Steel Globe Valve BB OS & Y

No.	Parts	A105	A182 F11	A182 F22	A182 F91	A182 316	A182 A304
1	Body	A105	F11	F22	F91	F316	F304
2	Seat Ring	STL on Body					
3	Disc	A276-410, A276-420 STC Hard Facing				A182-F316+STL, A276-316+STL	
4	Stem	A276-410, A276-431				A276-316	
5	Gasket	A240-304+Graphite					
6	Bonnet	A105	F11	F22	F91	F316	F304
7	Bonnet Bolt	A193-B7	A193-B16			A193-B8	
8	Gland Packing	Graphite					
9	Gland Bolt	A193-B7					
10	Gland	A276-410				A276-304	
11	Gland Flange	A105N					
12	Gland Nut	A194-2H					
13	Yoke Bush	High Tension Brass					
14	Handwheel	A197					
15	Name Plate	Aluminum				304 SS	
17	H/W Nut	A536A					

CLASS 800# FORGED STEEL GLOBE VALVE BB OS & Y

No.	Parts		
1.	BODY		
2.	SEAT		
3.	DISC		
4.	STEM		
5.	GASKET		
6.	BONNET		
7.	BONNET BOLT		
8.	GLAND PACKING		
9.	GLAND BOLT		
10.	GLAND		
11.	GLAND FLANGE		
12.	GLAND NUT		
13.	YOKE BUSH		
14.	HANDWHEEL		
15.	NAME PLATE		
16.	H/W WASHER		
17.	H/W NUT		

SIZE (inch)	H (open)	L	W	Port Dia.. P	End Connection				Weight (LB)	Cv	
					B	C	d1	S			
1/4	5.67	3.0	3.31	.25	.55	.38	1/4 NPT	.402	3.3	1.0	
3/8	5.67	3.0	3.31	.38	.69	.38	3/8 NPT	.409	3.3	2.0	
1/2	5.67	3.0	3.31	.38	.86	.38	1/2 NPT	.535	3.3	2.0	
3/4	6.06	3.63	3.82	.50	1.07	.50	3/4 NPT	.547	4.9	3.0	
1	6.99	4.09	3.82	.69	1.33	.50	1 NPT	.685	6.2	5.5	
1 1/4	8.86	4.53	5.39	.94	1.68	.50	1 1/4 NPT	.709	12.3	11.5	
1 1/2	8.86	4.53	5.39	1.16	1.92	.50	1 1/2 NPT	.724	12.3	17.8	
2	10.00	5.75	6.18	1.38	2.40	.62	2 NPT	.756	18.7	21.0	

Pressure Rating	CLASS 800		
Working Press.	psig (kgf/cm²)		
Working Temp.	°F (C)		
Seat of Body	■ Hardfaced With Stellite #6 on Body ☐ Monel		
Disc Face	■ Stellited (#6) ☐ Hardened (Q.T) ☐ Monel	End Connection	■ Socket Weld (ANSI B16.11) ☐ NPT-F(ANSI B 1.20.1) ☐ Socket Weld x NPT-F

NOTE:

Design	API602	App'd by		2	
Date	3-25-03	Chk'd by		1	
D.W.G No.	**03-095-B**	Drawn by		Rev.	Description

CRANE - PACIFIC VALVES

CLASS 800# FORGED STEEL GLOBE STOP CHECK VALVE BB OS&Y

No.	Parts		
1.	BODY		
2.	SEAT		
3.	DISC		
4.	STEM		
5.	GASKET		
6.	BONNET		
7.	BONNET BOLT		
8.	GLAND PACKING		
9.	GLAND BOLT		
10.	GLAND		
11.	GLAND FLANGE		
12.	GLAND NUT		
13.	YOKE BUSH		
14.	HANDWHEEL		
15.	NAME PLATE		
16.	H/W WASHER		
17.	H/W NUT		

SIZE (inch)	H (open)	L	W	Port Dia.. P	End Connection B	C	d1	S	Weight (LB)	Cv
1/4	5.67	3.0	3.31	.25	.55	.38	1/4 NPT	.402	3.3	1.0
3/8	5.67	3.0	3.31	.38	.69	.38	3/8 NPT	.409	3.3	2.0
1/2	5.67	3.0	3.31	.38	.86	.38	1/2 NPT	.535	3.3	2.0
3/4	6.06	3.63	3.82	.50	1.07	.50	3/4 NPT	.547	4.9	3.0
1	6.99	4.09	3.82	.69	1.33	.50	1 NPT	.685	6.2	5.5
1 1/4	8.86	4.53	5.39	.94	1.68	.50	1 1/4 NPT	.709	12.3	11.5
1 1/2	8.86	4.53	5.39	1.16	1.92	.50	1 1/2 NPT	.724	12.3	17.8
2	10.00	5.75	6.18	1.38	2.40	.62	2 NPT	.756	18.7	21.0

Pressure Rating	CLASS 800		
Working Press	psig (kgf/cm ^{2}		
Working Temp.	°F (C)		
Seat of Body	■ Hardfaced With Stellite #6 on Body ☐ Monel		
Disc Face	■ Stellited (#6) ☐ Hardened (Q.T) ☐ Monel	End Connection	■ Socket Weld (ANSI B16.11) ☐ NPT-F(ANSI B 1.20.1) ☐ Socket Weld x NPT-F

NOTE:

Design	API602	App'd by		2	
Date	3-25-03	Chk'd by		1	
D.W.G No.	**03-098-B**	Drawn by		Rev.	Description

CRANE - PACIFIC VALVES

BOLTED BONNET TYPE Y-GLOBE VALVES

800 # Forged Steel Y-Globe Valve BB OS & Y

No.	Parts	A105	A182				
			F11	F22	F91	316	A304
1	Body	A105	F11	F22	F91	F316	F304
2	Seat Ring	STL on Body					
3	Disc	A276-410, A276-420 STC Hard Facing				A182-F316+STL, A276-316+STL	
4	Stem	A276-410, A276-431				A276-316	
5	Gasket	A240-304+Graphite					
6	Bonnet	A105	F11	F22	F91	F316	F304
7	Bonnet Bolt	A193-B7	A193-B16			A193-B8	
8	Gland Packing	Graphite					
9	Gland Bolt	A193-B7					
10	Gland	A276-410				A276-304	
11	Gland Flange	A105N					
12	Gland Nut	A194-2H					
13	Yoke Bush	High Tension Brass					
14	Handwheel	A197					
15	Name Plate	Aluminum				304 SS	
17	H/W Nut	A536A					

CLASS 800# FORGED STEEL Y-GLOBE VALVE BB OS & Y

No.	Parts		
1.	BODY		
2.	SEAT		
3.	DISC		
4.	STEM		
5.	GASKET		
6.	BONNET		
7.	BONNET BOLT		
8.	GLAND PACKING		
9.	GLAND BOLT		
10.	GLAND		
11.	GLAND FLANGE		
12.	GLAND NUT		
13.	YOKE BUSH		
14.	HANDWHEEL		
15.	NAME PLATE		
16.	H/W WASHER		
17.	H/W NUT		

SIZE (inch)	H (open)	L	W	Port Dia.. P	End Connection				Weight (LB)	Cv	
					B	C	d1	S			
1/4	6.57	3.00	3.31	.25	.56	.38	1/4 NPT	.40	3.9	4.5	
3/8	6.57	3.00	3.31	.37	.69	.38	3/8 NPT	.42	3.9	6.0	
1/2	6.57	3.00	3.31	.47	.86	.38	1/2 NPT	.54	3.9	6.0	
3/4	7.08	3.54	3.80	.59	1.07	.50	3/4 NPT	.55	4.6	14.0	
1	8.15	4.02	3.80	.71	1.33	.50	1 NPT	.69	4.7	19.5	
1¼	10.04	4.88	5.39	.94	1.68	.50	1¼ NPT	.71	14.8	27.0	
1½	10.04	4.88	5.39	1.18	1.92	.50	1½ NPT	.72	14.8	32.5	
2	11.81	5.98	5.39	1.42	2.41	.62	2 NPT	.76	21.4	40.0	

Pressure Rating	CLASS 800		
Working Press	psig (kgf/cm ³)		
Working Temp.	°F (C)		
Seat of Body	■ Hardfaced With Stellite #6 on Body □ Monel		
Disc Face	■ Stellited (#6) □ Hardened (Q.T) □ Monel	End Connection	■ Socket Weld (ANSI B16.11) □ NPT-F(ANSI B 1.20.1) □ Socket Weld x NPT-F

NOTE:

Design	API602	App'd by		2	
Date	3-25-03	Chk'd by		1	
D.W.G No.	**03-096-B**	Drawn by		Rev.	Description

CRANE - PACIFIC VALVES

PACIFIC VALVES

BOLTED BONNET TYPE LIFT CHECK VALVES

800 # Forged Steel L/ Check Valve BB

No.	Parts	A105	A182				
			F11	F22	F91	316	A304
1	Body	A105	F11	F22	F91	F316	F304
2	Seat	STL on Body					
3	Disc	A276-410				A276-304+STL	A182-F316, A276-316 (STL)
4	Gasket	A240-304+Graphite					
5	Cover	A105	F11	F22	F91	F316	F304
6	Cover Bolt	A193-B7	A193-B16			A193-B8	
7	Name Plate	Aluminum				304 SS	

CLASS 800# FORGED STEEL L/CHECK VALVE

No.	Parts		
1.	BODY		
2.	SEAT		
3.	DISC		
4.	GASKET		
5.	COVER		
6.	COVER BOLT		
7.	NAME PLATE		

SIZE (inch)	H	L	Port Dia..	End Connection				Weight (LB)	Cv	
				B	C	d1	S			
1/4	1.81	3.00	.25	.56	.38	1/4 NPT	.40	2.2	.7	
3/8	1.81	3.00	.37	.69	.38	3/8 NPT	.42	2.2	1.0	
1/2	1.81	3.00	.37	.86	.38	1/2 NPT	.54	2.2	1.0	
3/4	2.20	3.62	.49	1.07	.50	3/4 NPT	.55	3.3	2.7	
1	2.60	4.09	.73	1.33	.50	1 NPT	.69	4.4	5.4	
1¼	2.95	5.51	.93	1.68	.50	1¼ NPT	.71	9.1	16.0	
1½	2.95	5.51	1.20	1.92	.50	1½ NPT	.72	9.1	18.5	
2	3.98	5.74	1.42	2.41	.62	2 NPT	.76	14.1	20.0	

Pressure Rating	CLASS 800		
Working Press	psig (kgf/cm²)		
Working Temp.	°F (C)		
Seat of Body	■ Hardfaced With Stellite #6 on Body □ Monel		
Disc Face	■ Stellited (#6) □ Hardened (Q.T) □ Monel	End Connection	■ Socket Weld (ANSI B16.11) □ NPT-F(ANSI B 1.20.1) □ Socket Weld x NPT-F

NOTE:

Design	API602	App'd by		2	
Date	3-25-03	Chk'd by		1	
D.W.G No.	**03-097-B**	Drawn by		Rev.	Description

CRANE - PACIFIC VALVES

PACIFIC VALVES

SEAL WELDED BONNET TYPE GATE VALVES

1500, 1690, 2500 and 2680# Forged Steel Gate Valve BB OS & Y

No.	Parts	A105	A182 F11	A182 F22	A182 F91	A182 316	A182 A304
1	Body	A105	F11	F22	F91	F316	F304
2	Seat Ring	A276-410+STL, A105+STL	F11 + STL	F22 + STL	F91 + STL	F316 + STL	F304 + STL
3	Wedge	A276-410 + STL / A276-420 + STL				A182-F316+STL, A276-316+STL	
4	Stem	A276-410, A276-431				A276-304, A276-316	
5	Bonnet	A105	F11	F22	F91	F316	F304
6	Gland Packing	Graphite					
7	Yoke	A105N					
8	Gland	A276-410				A276-304	
9	Gland Flange	A105N					
10	Gland Nut	A194-2H					
11	Gland Bolt	A193-B7					
12	Yoke Sleeve	High Tension Brass					
13	Thrust Washer	High Tension Brass					
14	Handwheel	A197					
15	Name Plate	Aluminum				304 SS	
16	H/W Nut	A536A					

CLASS 1500, 1690# FORGED STEEL GATE VALVE S.W.B OS & Y

No.	Parts		
1.	BODY		
2.	SEAT RING		
3.	WEDGE		
4.	STEM		
5.	BONNET		
6.	GLAND PACKING		
7.	YOKE		
8.	GLAND		
9.	GLAND FLANGE		
10.	GLAND NUT		
11.	GLAND BOLT		
12.	YOKE SLEEVE		
13.	THRUST WASHER		
14.	HANDWHEEL		
15.	NAME PLATE		
16.	H/W NUT		
17.			
18.			

Size (inch)	H (open)	L	W	Port Dia.. P	End Connection				Weight (LB)	Cv	
					B	C	d1	S			
1/2	8.82	4.33	5.51	.71	.86	.38	1/2 NPT	.54	11.1	10.5	
3/4	9.96	5.00	6.30	.71	1.07	.50	3/4 NPT	.54	15.4	22.5	
1	12.48	6.10	7.87	.91	1.33	.50	1 NPT	.69	22.1	28.3	
1½	14.84	8.28	9.06	1.26	1.92	.50	1½ NPT	.72	39.7	78.5	
2	18.03	9.02	9.84	1.50	2.41	.62	2 NPT	.76	66.2	181	

Pressure Rating	CLASS 1500		
Working Press.	psig (kgf/cm²)		
Working Temp.	°F (C)		
Seat Ring face	■ Stellited (#6) □ Monel		
Wedge Face	■ Stellited (#6) □ Hardened (Q.T) □ Monel	End Connection	■ Socket Weld (ANSI B16.11) □ NPT-F(ANSI B 1.20.1) □ Socket Weld x NPT-F

NOTE:

Design	ANSI B16.34	App'd by		2	
Date	3-25-03	Chk'd by		1	
D.W.G No.	**03-099-B**	Drawn by		Rev.	Description

CRANE - PACIFIC VALVES

CLASS 2500# & 2680# FORGED STEEL GATE VALVE S.W.B OS & Y

No.	Parts		
1.	BODY		
2.	SEAT RING		
3.	WEDGE		
4.	STEM		
5.	BONNET		
6.	GLAND PACKING		
7.	YOKE		
8.	GLAND		
9.	GLAND FLANGE		
10.	GLAND NUT		
11.	GLAND BOLT		
12.	YOKE SLEEVE		
13.	THRUST WASHER		
14.	HANDWHEEL		
15.	NAME PLATE		
16.	H/W NUT		
17.			
18.			

SIZE (inch)	H (open)	L	W	Port Dia.. P	End Connection				Weight lb)	Cv	
					B	C	d1	S			
1/2	9.96	5.00	6.30	.47	.86	.38	1/2 NPT	.54	17.6	10.5	
3/4	12.48	6.10	7.87	.63	1.07	.50	3/4 NPT	.54	24.3	22.5	
1	14.84	8.27	9.06	.71	1.33	.50	1 NPT	.69	41.9	28.3	
1 1/4	18.03	9.02	9.84	1.26	1.68	.50	1 1/4 NPT	.71	75.0	68.2	
1 1/2	18.03	9.02	9.84	1.26	1.92	.50	1 1/2 NPT	.72	70.6	78.5	
2	18.50	9.25	11.81	1.50	2.41	.62	2 NPT	.76	99.2	181	

Pressure Rating	CLASS 2500		
Working Press	psig (kgf/cm²)		
Working Temp.	°F (C)		
Seat Ring face	■ Stellited (#6) □ Monel		
Wedge Face	■ Stellited (#6) □ Hardened (Q.T) □ Monel	End Connection	□ Socket Weld (ANSI B16.11) □ NPT-F(ANSI B 1.20.1) ■ Socket Weld x NPT-F

NOTE:

Design	ANSI B16.34	App'd by		2	
Date	3-25-03	Chk'd by		1	
D.W.G No.	**03-107-B**	Drawn by		Rev.	Description

CRANE - PACIFIC VALVES

PACIFIC VALVES

SEAL WELDED BONNET TYPE GLOBE VALVES

1500, 1690, 2500 and 2680# Forged Steel Globe Valve SWB OS & Y

No.	Parts	A105	A182 F11	A182 F22	A182 F91	A182 316	A182 A304
1	Body	A105	F11	F22	F91	F316	F304
2	Seat	STL on Body					
3	Pad	A276-410				A276-304	
4	Disc	A276-410, A276-420 STC Hard Facing				A182-F316+STL, A276-316+STL	
5	Stem	A276-410, A276-431				A276-316	
6	Disc Nut	A276-410				A276-304	
7	Bonnet	A105	F11	F22	F91	F316	F304
8	Gland Packing	Graphite					
9	Yoke	A105N					
10	Gland	A276-410				A276-304	
11	Gland Flange	A105N					
12	Gland Nut	A194-2H					
13	Gland Bolt	A193-B7					
14	Yoke Bush	High Tension Brass					
15	Handwheel	A197					
16	Name Plate	Aluminum				304 SS	
18	H/W Nut	A536A					

CLASS 1500# & 1690# FORGED STEEL GLOBE VALVE S.W.B OS & Y

No.	Parts		
1.	BODY		
2.	SEAT		
3.	PAD		
4.	DISC		
5.	STEM		
6.	DISC NUT		
7.	BONNET		
8.	GLAND PACKING		
9.	YOKE		
10.	GLAND		
11.	GLAND FLANGE		
12.	GLAND NUT		
13.	GLAND BOLT		
14.	YOKE BUSH		
15.	HANDWHEEL		
16.	NAME PLATE		
17.	H/W WASHER		
18.	H/W NUT		
19.			

Size (inch)	H (open)	L	W	Port Dia.. P	End Connection				Weight (lb)	Cv	
					B	C	d1	S			
1/2	9.06	4.33	5.51	.43	.86	.38	1/2 NPT	.54	11.0	2.8	
3/4	11.38	5.00	6.30	.59	1.07	.50	3/4 NPT	.55	13.2	3.2	
1	12.87	6.10	7.87	.79	1.33	.50	1 NPT	.69	17.6	6.8	
1½	14.84	8.27	9.06	1.10	1.92	.50	1½ NPT	.72	33.1	19.6	
2	18.07	9.02	9.84	1.50	2.41	.62	2 NPT	.76	57.3	27.0	

Pressure Rating	CLASS 1500		
Working Press.	psig (kgf/cm²)		
Working Temp.	°F (C)		
Seat of Body	■ Hardfaced With Stellite #6 on Body □ Monel		
Disc Face	■ Stellited (#6) □ Hardened (Q.T) □ Monel	End Connection	■ Socket Weld (ANSI B16.11) □ NPT-F(ANSI B 1.20.1) □ Socket Weld x NPT-F

NOTE:

Design	ANSI B16.34	App'd by		2	
Date	3-25-03	Chk'd by		1	
D.W.G No.	**03-100-B**	Drawn by		Rev.	Description

CRANE - PACIFIC VALVES

CLASS 2500# & 2680# FORGED STEEL GLOBE VALVE S.W.B OS & Y

No.	Parts		
1.	BODY		
2.	SEAT		
3.	PAD		
4.	DISC		
5.	STEM		
6.	DISC NUT		
7.	BONNET		
8.	GLAND PACKING		
9.	YOKE		
10.	GLAND		
11.	GLAND FLANGE		
12.	GLAND NUT		
13.	GLAND BOLT		
14.	YOKE BUSH		
15.	HANDWHEEL		
16.	NAME PLATE		
17.	H/W WASHER		
18.	H/W NUT		
19.			

Size (inch)	H (open)	L	W	Port Dia.. P	End Connection				Weight (lb)	Cv	
					B	C	d1	S			
1/2	11.38	5.00	6.30	.43	.86	.38	1/2 NPT	.54	15.4	2.1	
3/4	12.87	6.10	7.87	.51	1.07	.50	3/4 NPT	.55	22.0	2.9	
1	12.91	8.26	9.10	.71	1.33	.50	1 NPT	.69	33.0	5.9	
1½	16.77	9.01	9.84	1.10	1.92	.50	1½ NPT	.72	61.7	15.2	
2	17.32	9.25	11.81	1.38	2.41	.62	2 NPT	.76	72.8	21.0	

Pressure Rating	CLASS 2500		
Working Press.	psig (kgf/cm²)		
Working Temp.	°F (C)		
Seat of Body	■ Hardfaced With Stellite #6 on Body ☐ Monel		
Disc Face	■ Stellited (#6) ☐ Hardened (Q.T) ☐ Monel	End Connection	■ Socket Weld (ANSI B16.11) ☐ NPT-F(ANSI B 1.20.1) ☐ Socket Weld x NPT-F

NOTE:

Design	ANSI B16.34	App'd by		2	
Date	3-25-03	Chk'd by		1	
D.W.G No.	**03-108-B**	Drawn by		Rev.	Description

CRANE - PACIFIC VALVES

SEAL WELDED BONNET TYPE Y-GLOBE VALVES

1500, 1690, 2500 and 2680# Forged Steel Y-GLobe Valve SWB OS & Y

No.	Parts	A105	A182				
			F11	F22	F91	316	A304
1	Body	A105	F11	F22	F91	F316	F304
2	Seat	STL on Body					
3	Pad						
4	Disc	A276-410, A276-420 STC Hard Facing				A182-F316+STL, A276-316+STL	
5	Stem	A276-410, A276-431				A276-316	
6	Disc Nut	A276-410				A276-304	
7	Bonnet	A105	F11	F22	F91	F316	F304
8	Gland Packing	Graphite					
9	Yoke	A105N					
10	Gland	A276-410				A276-304	
11	Gland Flange	A105N					
12	Gland Nut	A194-2H					
13	Gland Bolt	A193-B7					
14	Yoke Bush	High Tension Brass					
15	Handwheel	A197					
16	Name Plate	Aluminum				304 SS	
18	H/W Nut	A536A					

CLASS 1500# & 1690# FORGED STEEL Y-GLOBE VALVE S.W.B OS&y

No.	Parts		
1.	BODY		
2.	SEAT		
3.	PAD		
4.	DISC		
5.	STEM		
6.	DISC NUT		
7.	BONNET		
8.	GLAND PACKING		
9.	YOKE		
10.	GLAND		
11.	GLAND FLANGE		
12.	GLAND NUT		
13.	GLAND BOLT		
14.	YOKE BUSH		
15.	HANDWHEEL		
16.	NAME PLATE		
17.	H/W NUT		

Size (inch)	H (open)	L	W	Port Dia.. P	End Connection				Weight (lb)	Cv	
					B	C	d1	S			
1/2	9.06	4.33	5.51	.43	.86	.38	1/2 NPT	.54	11.0	14.0	
3/4	10.28	5.00	6.30	.57	1.07	.50	3/4 NPT	.55	13.2	17.0	
1	12.36	6.10	7.87	.75	1.33	.50	1 NPT	.69	17.6	24.0	
1½	14.84	8.27	9.06	1.26	1.92	.50	1½ NPT	.72	33.1	38.5	
2	18.07	9.02	9.84	1.57	2.41	.62	2 NPT	.76	57.3	48.0	

Pressure Rating	CLASS 1500		
Working Press.	psig (kgf/cm²)		
Working Temp.	°F (C)		
Seat of Body	■ Hardfaced With Stellite #6 on Body □ Monel		
Disc Face	■ Stellited (#6) □ Hardened (Q.T) □ Monel	End Connection	■ Socket Weld (ANSI B16.11) □ NPT-F(ANSI B 1.20.1) □ Socket Weld x NPT-F

NOTE:

Design	ANSI B16.34	App'd by		2	
Date	3-25-03	Chk'd by		1	
D.W.G No.	**03-101-B**	Drawn by		Rev.	Description

CRANE - PACIFIC VALVES

CLASS 2500# & 2680# FORGED STEEL GLOBE VALVE WB OS&Y

No.	Parts		
1.	BODY		
2.	SEAT		
3.	PAD		
4.	DISC		
5.	STEM		
6.	DISC NUT		
7.	BONNET		
8.	GLAND PACKING		
9.	YOKE		
10.	GLAND		
11.	GLAND FLANGE		
12.	GLAND NUT		
13.	GLAND BOLT		
14.	YOKE BUSH		
15.	HANDWHEEL		
16.	NAME PLATE		
17.	H/W WASHER		
18.	H/W NUT		

SIZE (inch)	H (open)	L	W	Port Dia.	End Connection B	C	d1	S	Weight (lb)	Cv	
1/2	10.28	5.00	6.30	.43	.86	.38	1/2 NPT	.54	15.4	11.5	
3/4	12.36	6.10	7.87	.51	1.07	.50	3/4 NPT	.55	22.0	14.5	
1	14.84	8.26	9.10	.71	1.33	.50	1 NPT	.69	37.5	19.3	
1-1/2	18.07	9.01	9.84	1.10	1.92	.50	1½ NPT	.72	61.7	29.5	
2	18.50	9.25	11.81	1.38	2.41	.62	2 NPT	.76	88.2	40.0	

Pressure Rating	CLASS 2500		
Working Press	psig (kgf/cm²)		
Working Temp.	°F (C)		
Seat of Body	■ Hardfaced With Stellite #6 on Body □ Monel		
Disc Face	■ Stellited (#6) □ Hardened (Q.T) □ Monel	End Connection	□ R F (ANSI B16.10, 16.5) □ Small Tongue ■ SW ENDS(ANSI B16.11)

NOTE :

Design	ANSI B16.34	App'd by		2	
Date	3-25-03	Chk'd by		1	
D.W.G No.	**03-109-B**	Drawn by		Rev.	Description

CRANE - PACIFIC VALVES

PACIFIC VALVES

SEAL WELDED BONNET TYPE PISTON CHECK VALVES

1500, 1690, 2500 and 2680# Forged Steel Piston Check Valve SWB

No.	Parts	A105	A182				
			F11	F22	F91	316	A304
1	Body	A105	F11	F22	F91	F316	F304
2	Seat	STL on Body					
3	Disc	A276-410				A276-304+STL	A182-F316, A276-316 (STL)
4	Cover	A105	F11	F22	F91	F316	F304
5	Name Plate	Aluminum				304 SS	

CLASS 1500# & 1690# FORGED STEEL P/CHECK VALVE

No.	Parts		
1.	BODY		
2.	SEAT		
3.	DISC		
4.	COVER		
5.	NAME PLATE		

Size (inch)	H	L	Port Dia.. P	End Connection B	C	d1	S	Weight (lb)	Cv	
1/2	3.19	4.33	.43	.85	.39	1/2 NPT	.55	4.4	2.2	
3/4	3.70	5.00	.59	1.07	.51	3/4 NPT	.63	7.7	2.8	
1	4.57	6.10	.79	1.33	.51	1 NPT	.71	13.2	5.9	
1½	5.79	8.27	1.10	1.92	.51	1½ NPT	.76	28.7	16.7	
2	6.93	9.02	1.50	2.40	.63	2 NPT	.79	41.9	22.5	

Pressure Rating	CLASS 1500		
Working Press.	psig (kgf/cm²)		
Working Temp.	°F (C)		
Seat of Body	■ Hardfaced With Stellite #6 on Body ☐ Monel		
Disc Face	■ Stellited (#6) ☐ Hardened (Q.T) ☐ Monel	End Connection	■ Socket Weld (ANSI B16.11) ☐ NPT-F(ANSI B 1.20.1) ☐ Socket Weld x NPT-F

NOTE:

Design	ANSI B16.34	App'd by		2	
Date	3-25-03	Chk'd by		1	
D.W.G No.	**03-102-B**	Drawn by		Rev.	Description

CRANE - PACIFIC VALVES

CLASS 2500# & 2680# FORGED STEEL L/CHECK VALVE

No.	Parts		
1.	BODY		
2.	SEAT		
3.	DISC		
4.	COVER		
5.	NAME PLATE		

Size (inch)	H	L	Port Dia.. P	End Connection B	C	d1	S	Weight (lb)	Cv	
1/2	3.70	5.00	.43	.85	.39	1/2 NPT	.55	8.8	1.6	
3/4	4.57	6.10	.59	1.07	.51	3/4 NPT	.63	15.4	2.4	
1	5.79	8.27	.71	1.33	.51	1 NPT	.71	30.9	5.0	
1½	6.93	9.02	1.10	1.92	.51	1½ NPT	.76	46.3	13.8	
2	7.68	9.25	1.50	2.40	.63	2 NPT	.79	66.2	17.0	

Pressure Rating	CLASS 2500		
Working Press.	psig (kgf/cm²)		
Working Temp.	°F (C)		
Seat of Body	■ Hardfaced With Stellite #6 on Body □ Monel		
Disc Face	■ Stellited (#6) □ Hardened (Q.T) □ Monel	End Connection	■ Socket Weld (ANSI B16.11) □ NPT-F(ANSI B 1.20.1) □ Socket Weld x NPT-F

NOTE:

Design	ANSI B16.34	App'd by		2	
Date	3-25-03	Chk'd by		1	
D.W.G No.	**03-110-B**	Drawn by		Rev.	Description

CRANE - PACIFIC VALVES