

ITEM	NAME	MATERIAL
1	BODY	ASTM A216-WCB
2	SEAT	ASTM A105N+STL
3	DISC WASHER	ASTM A276-420
4	DISC	ASTM A105N+13%Cr
5	DISC COVER	ASTM A276-410
6	RTJ GASKET	AISI 1008
7	BONNET	ASTM A216-WCB
8	BACKSEAT	ASTM A276-420+STL
9	PACKING SPACER	ASTM A276-410
10	PACKING	INCONEL600+GRAPHITE
11	GLAND	ASTM A276-410
12	GLAND FLANGE	ASTM A216-WCB
13	EYE BOLT	ASTM A193-B7
14	NUT	ASTM A194-2H
15	STEM NUT	ASTM A439 D-2
16	HAMMER BLOCK	AISI 1045
17	COVER PLATE	AISI 1035
18	COUNTERSUNK BOLT	AISI 1035
19	NUT	ASTM A194-2H
20	WASHER	ASTM A283 GRC
21	HANDWHEEL	ASTM A536 60-40-18
22	SCREW	AISI 1025
23	STEM	ASTM A182-F6a
24	PIN	AISI 1035
25	BOLT	ASTM A193-B7
26	NUT	ASTM A194-2H
27	NAMEPLATE	ASTM A240-304
28	RIVET	ASTM A240-304

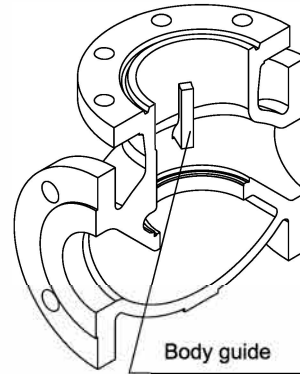
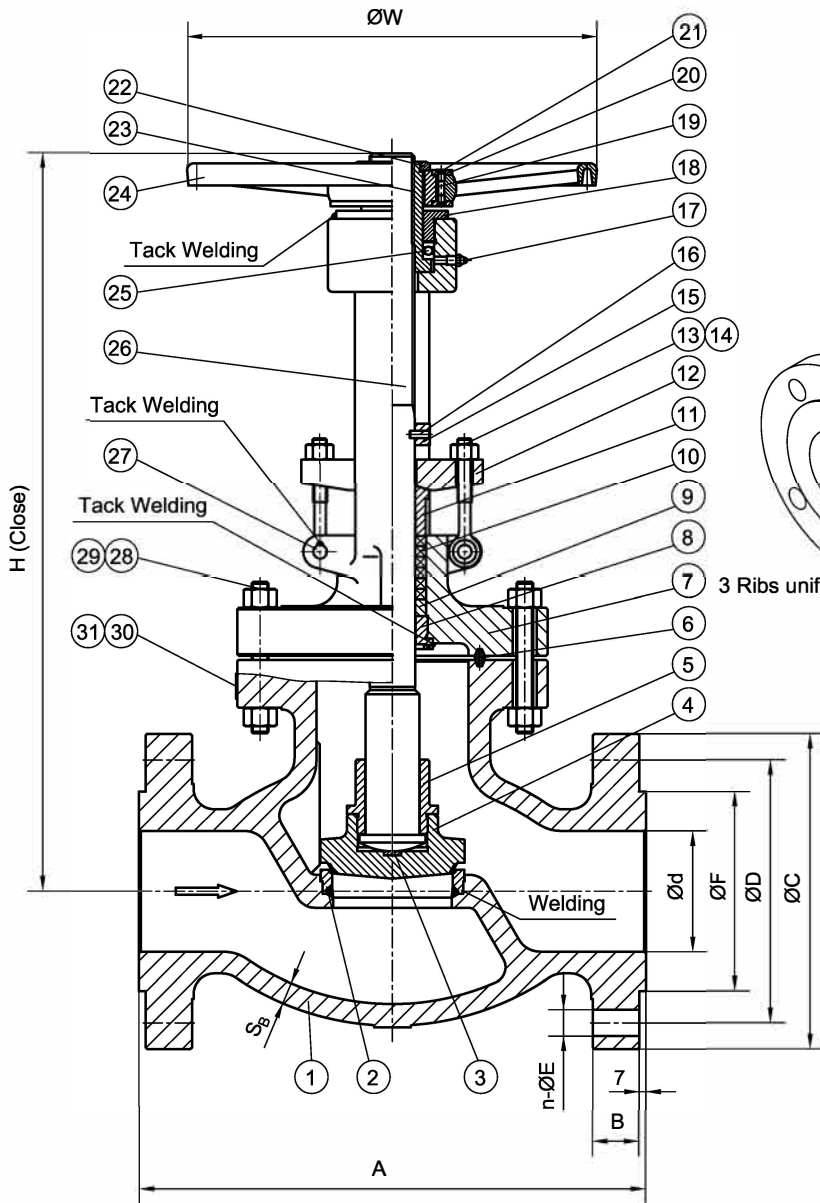
NOTE:

1. API 622 LOW EMISSION PACKING

ITEM	FIG NO.	SIZE	UNIT	d	A	B	C	D	n	E	F	H	W	Sa	Weight(lbs/kgs)
01	GL900CSF8	2"	mm	48	368	38.1	215	165.1	8	25	92.1	435	350	19.1	271/123
		2"	in	1.89	14.5	1.5	8.5	6.5	8	1	3.62	17.13	13.78	0.75	
02	GL900CSF8	3"	mm	73	381	38.1	240	190.5	8	25	127	522	400	19.1	276/125
		3"	in	2.87	15.0	1.5	9.5	7.5	8	1	5.0	20.55	15.75	0.75	
03	GL900CSF8	4"	mm	99	457	44.5	290	235	8	32	157.2	680	500	21.3	434/197
		4"	in	3.9	18.0	1.75	11.5	9.25	8	1-1/4	6.19	26.77	19.69	0.84	

TITLE: CAST STEEL GLOBE VALVE
CLASS 900- API TRIM 8- RF- HANDWHEEL OPERATED

MARKING SYSTEM	MSS-SP-25	INSPECTION & TEST:	API 598	MATERIAL:	ASTM A216 WCB	UNITS:	Inch, mm
DIM.OF FLANGE	ANSI B16.5	SHELL	HYDRO 3350PSI	CLASS:	900	DATE:	4/15/19
FACE TO FACE	ANSI B16.10	SEAT	AIR N/A	SIZE:	2"-4"	SCALE:	N.T.S.
WALL THICKNESS	API 623	BACK SEAT	HYDRO 2445PSI	DRAWN BY:	F.J.	FIG. No.:	GL900CSF8
DESIGNED	API 623, ANSI B16.34			CHK'D & APR'D BY:	E.C.	REV:	1
NO.	DATE	DESCRIPTION	PRP'D	REV'D	APP'D	DESIGNED	API 623, ANSI B16.34



3 Ribs uniformly distributed in circumference

ITEM	NAME	MATERIAL
1	BODY	ASTM A216-WCB
2	SEAT	ASTM A105N+STL
3	DISC WASHER	ASTM A276-420
4	DISC	ASTM A105N+13%Cr
5	DISC COVER	ASTM A276-410
6	RTJ GASKET	AISI 1008
7	BONNET	ASTM A216-WCB
8	BACKSEAT	ASTM A276-420+STL
9	PACKING SPACER	ASTM A276-410
10	PACKING	INCONEL600+GRAPHITE
11	GLAND	ASTM A276-410
12	GLAND FLANGE	ASTM A216-WCB
13	EYE BOLT	ASTM A193-B7
14	NUT	ASTM A194-2H
15	STEM GUIDE	AISI 1045
16	ANTI-ROTATION PIN	AISI 1035
17	GREASE FITTING	ASTM A283 GRC
18	GLAND NUT	AISI 1025
19	HAMMER BLOCK	AISI 1045
20	COVER PLATE	AISI 1035
21	COUNTERSUNK BOLT	AISI 1035
22	HANDWHEEL NUT	AISI 1025
23	STEM NUT	ASTM A439 D-2
24	HANDWHEEL	ASTM A536 60-40-18
25	BEARING	AISI 52100
26	STEM	ASTM A182-F6a
27	PIN	AISI 1035
28	BOLT	ASTM A193-B7
29	NUT	ASTM A194-2H
30	NAMEPLATE	ASTM A240-304
31	RIVET	ASTM A240-304

NOTE:

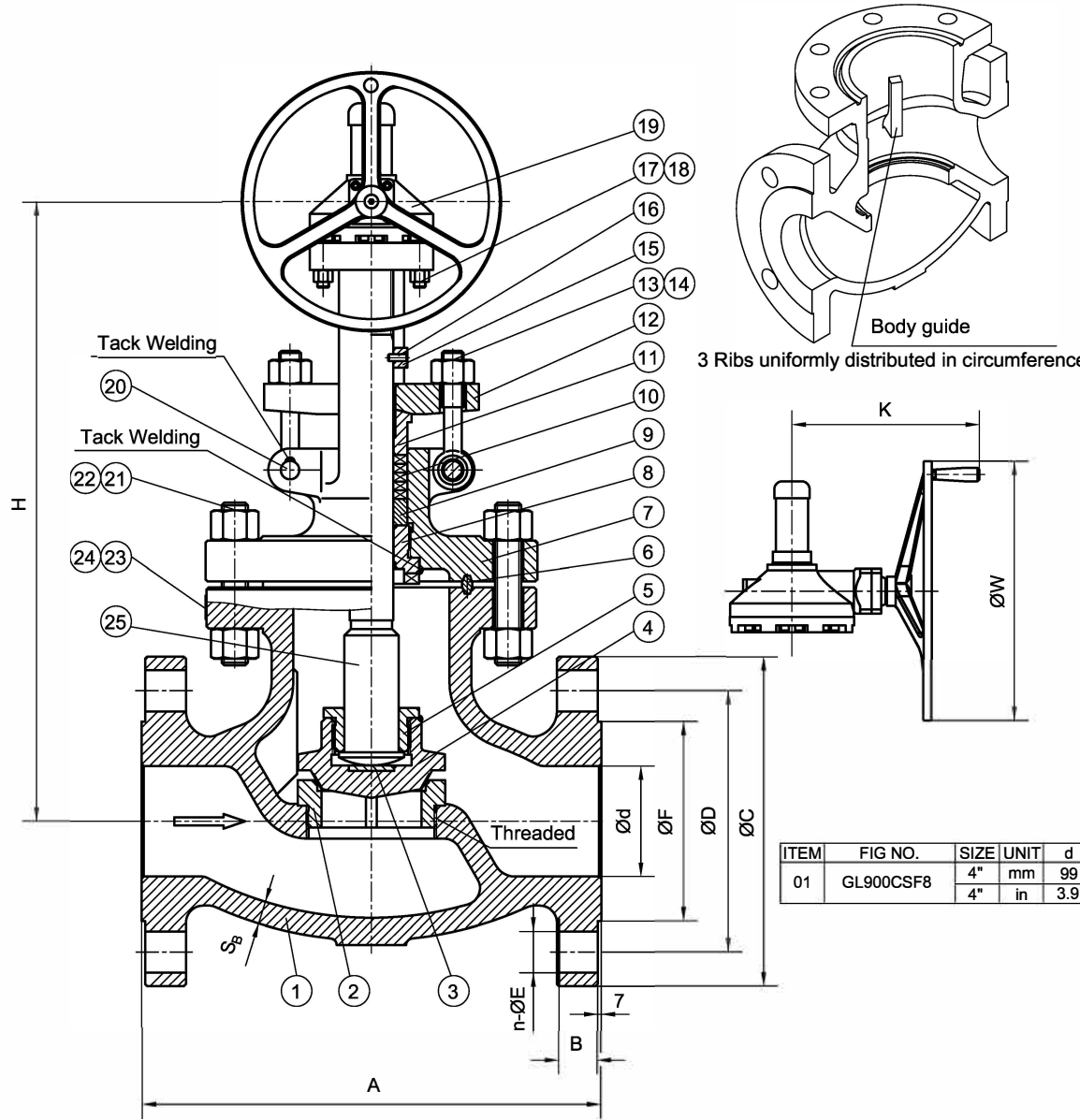
- 1. API 622 LOW EMISSION PACKING

ITEM	FIG NO.	SIZE	UNIT	d	A	B	C	D	n	E	F	H	W	S _B	Weight(lbs/kgs)
01	GL900CSF8	6"	mm	146	610	55.6	380	317.5	12	32	215.9	829	560	26.2	959/435
		6"	in	5.75	24.0	2.18	15.0	12.5	12	1-1/4	8.5	32.64	22.0	1.03	

J.J. VALVE
 Toll Free 800.582.5837 Local 310.605.0090
 Here at J.J. Valve, we utilize a wide variety of products to meet your needs when it comes to industrial valves.

TITLE:		CAST STEEL GLOBE VALVE	
		CLASS 900- API TRIM 8 - RF - HANDWHEEL OPERATED	
MATERIAL:	ASTM A216 WCB	UNITS:	Inch, mm
CLASS:	900	DATE:	4/15/19
SCALE:	N.T.S.	FIG. No.:	GL900CSF8
SIZE:	6"	DRAWN BY:	F.J.
WALL THICKNESS:	API 623	CHK'D & APR'D BY:	E.C.
DESIGNED:	API 623, ANSI B16.34	REV:	1
NO.	DATE	DESCRIPTION	DWG No.:

NO.	DATE	DESCRIPTION	PRP'D	REV'D	APP'D	DESIGNED	INSPECTION & TEST:	MATERIAL:	UNITS:
	4/15/19	RELEASED	F.J.	E.C.	E.C.	MARKING SYSTEM	MSS-SP-25	INSPECTION & TEST: API 598	INCH, mm
						DIM.OF FLANGE	ANSI B16.5	SHELL HYDRO 3350PSI	N.T.S.
						FACE TO FACE	ANSI B16.10	SEAT AIR N/A	FIG. No.:
						WALL THICKNESS	API 623	BACK SEAT HYDRO 2445PSI	GL900CSF8
						DESIGNED	API 623, ANSI B16.34		DWG No.:



ITEM	NAME	MATERIAL
1	BODY	ASTM A216-WCB
2	SEAT	ASTM A105N+STL
3	DISC WASHER	ASTM A276-420
4	DISC	ASTM A105N+13%Cr
5	DISC BUSHING	ASTM A276-410
6	RTJ GASKET	AISI 1008
7	BONNET	ASTM A216-WCB
8	BACKSEAT	ASTM A276-420+STL
9	PACKING SPACER	ASTM A276-410
10	PACKING	INCONEL600+GRAPHITE
11	GLAND	ASTM A276-410
12	GLAND FLANGE	ASTM A216-WCB
13	EYE BOLT	ASTM A193-B7
14	NUT	ASTM A194-2H
15	STEM GUIDE	AISI 1045
16	ANTI-ROTATION PIN	AISI 1035
17	BOLT	ASTM A193-B7
18	NUT	ASTM A194-2H
19	GEAR	ASTM A216-WCB
20	PIN	AISI 1035
21	BOLT	ASTM A193-B7
22	NUT	ASTM A194-2H
23	NAMEPLATE	ASTM A240-304
24	RIVET	ASTM A240-304
25	STEM	ASTM A182-F6a

NOTE:

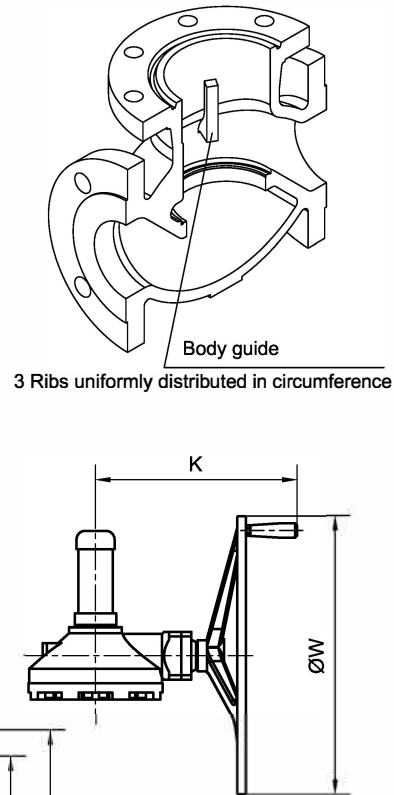
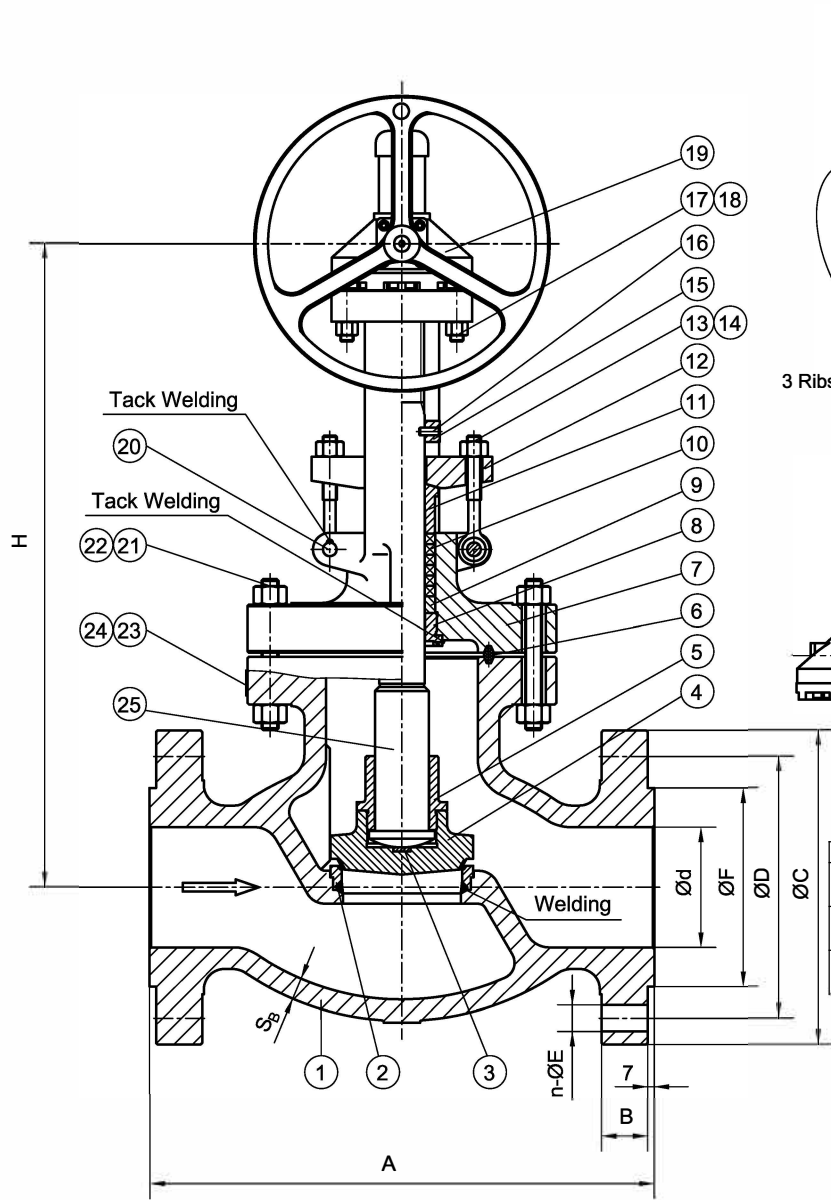
1. API 622 LOW EMISSION PACKING

ITEM	FIG NO.	SIZE	UNIT	d	A	B	C	D	n	E	F	H	W	K	S _B	Weight(lbs/kgs)
01	GL900CSF8	4"	mm	99	457	44.5	290	235	8	32	157.2	721	610	420	21.3	434/197
		4"	in	3.9	18.0	1.75	11.5	9.25	8	1-1/4	6.19	28.39	24.0	16.54	0.84	

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TITLE:				CAST STEEL GLOBE VALVE CLASS 900- API TRIM 8 - RF- GEAR OPERATED			
MATERIAL:	ASTM A216 WCB	UNITS:	Inch, mm	CLASS:	900	DATE:	4/15/19
DIM.OF FLANGE:	ANSI B16.5	SHELL:	HYDRO	3350PSI	SCALE:	N.T.S.	
FACE TO FACE:	ANSI B16.10	SEAT:	AIR	N/A	SI ⚔:	4"	
WALL THICKNESS:	API 623	BACK SEAT:	HYDRO	2445PSI	DRAWN BY:	F.J.	
NO.	DATE	DESCRIPTION	PRP'D	REV'D	APP'D	DESIGNED	API 623, ANSI B16.34
CHK'D & APR'D BY: E.C.				REV: 1	DWG No.:		

MARKING SYSTEM	MSS-SP-25	INSPECTION & TEST: API 598			MATERIAL:	ASTM A216 WCB	UNITS:	Inch, mm	
DIM.OF FLANGE:	ANSI B16.5	SHELL:	HYDRO	3350PSI	CLASS:	900	DATE:	4/15/19	
FACE TO FACE:	ANSI B16.10	SEAT:	AIR	N/A	SCALE:	N.T.S.			
WALL THICKNESS:	API 623	BACK SEAT:	HYDRO	2445PSI	SI ⚔:	4"			
NO.	DATE	DESCRIPTION	PRP'D	REV'D	APP'D	DESIGNED	API 623, ANSI B16.34	DRAWN BY:	F.J.
CHK'D & APR'D BY: E.C.				REV: 1	DWG No.:				



ITEM	NAME	MATERIAL
1	BODY	ASTM A216-WCB
2	SEAT	ASTM A105N+STL
3	DISC WASHER	ASTM A276-420
4	DISC	ASTM A105N+13%Cr
5	DISC BUSHING	ASTM A276-410
6	RTJ GASKET	AISI 1008
7	BONNET	ASTM A216-WCB
8	BACKSEAT	ASTM A276-420+STL
9	PACKING SPACER	ASTM A276-410
10	PACKING	INCONEL600+GRAPHITE
11	GLAND	ASTM A276-410
12	GLAND FLANGE	ASTM A216-WCB
13	EYE BOLT	ASTM A193-B7
14	NUT	ASTM A194-2H
15	STEM GUIDE	AISI 1045
16	ANTI-ROTATION PIN	AISI 1035
17	BOLT	ASTM A193-B7
18	NUT	ASTM A194-2H
19	GEAR	ASTM A216-WCB
20	PIN	AISI 1035
21	BOLT	ASTM A193-B7
22	NUT	ASTM A194-2H
23	NAMEPLATE	ASTM A240-304
24	RIVET	ASTM A240-304
25	STEM	ASTM A182-F6a

NOTE:
1. API 622 LOW EMISSION PACKING

ITEM	FIG NO.	SIZE	UNIT	d	A	B	C	D	n	E	F	H	W	K	S _b	Weight(lbs/kgs)
01	GL900CSF8	6"	mm	146	610	55.6	380	317.5	12	32	215.9	800	710	500	26.2	959/435
		6"	in	5.75	24.0	2.18	15.0	12.5	12	1-1/4	8.5	31.5	27.95	19.89	1.03	
02	GL900CSF8	8"	mm	190	737	63.5	470	393.7	12	38	269.9	920	800	605	31.8	1587/720
		8"	in	7.48	29.0	2.5	18.5	15.5	12	1-1/2	10.62	36.22	31.5	23.82	1.25	
03	GL900CSF8	10"	mm	238	838	69.9	545	469.9	16	38	323.8	1050	800	605	36.6	2359/1070
		10"	in	9.37	33.0	2.76	21.5	18.5	16	1-1/2	12.75	41.34	31.5	23.82	1.44	

TITLE:		CAST STEEL GLOBE VALVE	
		CLASS 900- API TRIM 8 - RF - GEAR OPERATED	
MATERIAL:	ASTM A216 WCB	UNITS:	Inch, mm
CLASS:	900	DATE:	4/15/19
SCALE:	N.T.S.	FIG. No.:	GL900CSF8 GO
SIZE:	6"-10"	DRAWN BY:	F.J.
CHK'D & APR'D BY:	E.C.	REV:	1
DWG No.:			

NO.	DATE	DESCRIPTION	PRPD	REVD	APPD	DESIGNED
△	4/15/19	RELEASED	F.J.	E.C.	E.C.	

MARKING SYSTEM	MSS-SP-25	INSPECTION & TEST:	API 598
DIM.OF FLANGE	ANSI B16.5	SHELL	HYDRO
FACE TO FACE	ANSI B16.10	SEAT	AIR
WALL THICKNESS	API 623	BACK SEAT	HYDRO
			2445PSI
			API 623, ANSI B16.34

MATERIAL:	ASTM A216 WCB	UNITS:	Inch, mm
CLASS:	900	DATE:	4/15/19
SCALE:	N.T.S.	FIG. No.:	GL900CSF8 GO
SIZE:	6"-10"	DRAWN BY:	F.J.
CHK'D & APR'D BY:	E.C.	REV:	1
DWG No.:			