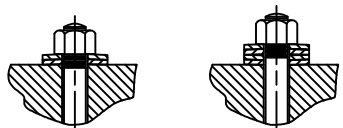


MIN. C/C = 24-1/2
(for 159B)
MIN. C/C = 27-1/2
(for 189B)



WASHER STACK UNDER WASHER STACK UNDER
EACH STUD NUT EACH BOLT NUT

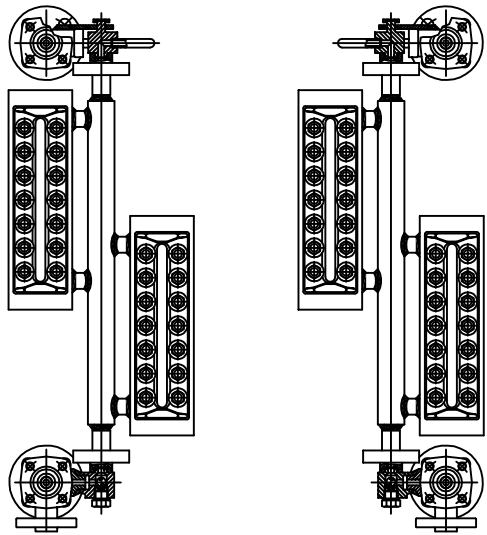
DETAIL OF WASHER STACKS

	6 REDRAWN & UPDATED	9/04	MJK
	5 REDRAWN ON CAD	10/97	DMD
SYM	REVISION	DATE	APP

#159B/189B BOILER
WATER GAGE ASSEMBLIES
FOR 900# W.S.P.

JERGUSON
GAGE & VALVE CO.
STRONGSVILLE, OHIO, U.S.A.
SCALE NONE DATE 9/30/04

DRAWN	MJK	FILE NO.
CHECKED	DMD	DRAWING NO.
APPROVED		SG-189B (pg.1 of 2)
		REV. 6



L.H. VALVE AND
GAGE ASSEMBLY

R.H. VALVE AND
GAGE ASSEMBLY

EQUIPMENT SHOWN MEETS ASME CODE AND
ABS REGULATIONS

BILL OF MATERIAL

PIECE NO.	NAME OF PART	QTY.	MATERIAL	PART NO.
1	TOP VALVE BODY	1	STEEL	L-847-A5
2	BOT. VALVE BODY RH	1	STEEL	L-848-A5
3	BOT. VALVE BODY LH	1	STEEL	L-849-A5
4	TOP GAGE CONN.	1	STEEL	V-3389U-B
5	BOTTOM GAGE CONN.	1	STEEL	V-6624U-B
6	EXPANSION LOOP	1	STEEL	V-9880-AXS
7	SUPPORT BRACKET	1	STEEL	V-9882-A6
8	WELDING CAP	1	STEEL	P-3968-A6
9	3/4"-600#RFSW FLG	2	STEEL	FA5-6-1-3D1P
10	1/2"-600#RF FLG	1	STEEL	V-9129U-A5
11	YOKE	2	STEEL	L-220-B
12	VALVE STEM	2	416 SS	V-13302-U3
13	VALVE SEAT	2	416 SS TREATED	P-343-U3
14	VALVE SEAT GASKET	2	STEEL	P-33-1-A1
15	PACKING	24	GRAPHITE	G-264
16	PACKING GLAND	2	STEEL	V-18257-4-AL4
17	BUSHING	2	BRASS	P-6316-F4
18	BUSHING NUT	2	STEEL	P-5665-A6
19	SPIRAL GASKET	2	316/CHLOROCARB	P-5643-T
20	CAP SCREW	8	STEEL	P-6475-B71
21	CAP SCREW	4	STEEL	P-5729-B71
22	LEVER	2	STEEL	P-336-A16
23	VALVE STEM NUT	2	STEEL	P-78-4-2HA
24	BALL HOLDER	1	303 SS	P-2-Q3
25	BALL HOLDER GASKET	1	STEEL	P-33-4-A1
26	BALL CHECK	1	316 SS	P-1-T2
27	PIN	1	STEEL	P-1977-A
28	COTTER PIN	1	STEEL	P-28-A1
29	EQUALIZING PLATE	1	STEEL	P-1900-A1
30	NAME PLATE	2	BRASS	P-6211-F
31	NUT	8	STEEL	P-235-2-2HA
32	STUD	4	STEEL	P-4008-1-B71
33	CHAMBER	2	STEEL	V-14158U-A6
34	CENTER TUBE	1	STEEL	V-14271- -A46
35	FLANGED NIPPLE	2	STEEL	V-14195- -A6
36	LOOSE FLANGE	2	STEEL	V-5094-B
37	GASKET	4	GRAFOIL	V-13488-7
38	SHIELD	4	MICA	P-4452-7
39	GLASS (TRANS)	4	TEMPERED BORO	V-16756-7
40	CUSHION	4	IFC5500	V-18980-7
41	COVER	4	STEEL	V-12365-AL4
42	STUD	8	STEEL	P-3378-6-B71
43	BOLT	20	STEEL	P-263-B71
44	SPRING WASHER	112	SPRING STEEL	V-15528-J1
45	NUT	36	STEEL	V-11062-2HA
46	WELDING PLUG	1	STEEL	P-7612-A6
47	SPIRAL GASKET	2	304/CHLOROCARB	P-5198
48	NAME PLATE	1	BRASS	P-7566-F
49	DRAIN VALVE	1	STEEL	A-16376
50	SPIRAL GASKET	1	316/FLEXICARB	P-257-T
51	STUD	4	STEEL	P-4008-1-B71
52	NUT	8	STEEL	P-1866-2HA
53	WELD PLUG	4	STEEL	V-18234-A11

NOTES:

- TO ORDER A 900# GAGE W/ 15" VISIBILITY, SPECIFY #159B AND CENTER-TO-CENTER.
TO ORDER A 900# GAGE W/ 18" VISIBILITY, SPECIFY #189B AND CENTER-TO-CENTER.
WHEN ORDERING VALVES, SPECIFY TYPE, GROUP AND HANDING.
EX.1) TO ORDER A 900# WSP TOP L.H. VALVE W/ 600# ANSI FLANGES, SPECIFY 709A-4-L.H. (SHOWN)
TO ORDER A 900# WSP TOP L.H. VALVE W/ 900# ANSI FLANGES, SPECIFY 709B-4-L.H.
EX.2) TO ORDER A 900# WSP BOT. R.H. VALVE W/ 600# ANSI FLANGES, SPECIFY 719A-4-R.H.
TO ORDER A 900# WSP BOT. R.H. VALVE W/ 900# ANSI FLANGES, SPECIFY 719B-4-R.H.
- WHEN ORDERING A COMPLETE ASSEMBLY AS SHOWN, (VALVES HAVE 3/4"-600# ANSI FLANGED TANK CONN. AND 1/2"-600# ANSI FLANGED DRAIN CONN.), SPECIFY DRAWING NO., VISIBILITY, CENTER-TO-CENTER AND HANDING.
- GAGE HYDROSTATICALLY TESTED @ 1350 PSI. VALVES HYDROSTATICALLY TESTED @ 2175 PSI.
- WEIGHTS: TOP SHUTOFF VALVE ~ 18#, BOTTOM SHUTOFF VALVE ~ 19#
DRAIN VALVE ~ 7-1/2#, GAGE ~ 103#
- HANDCHAIN FOR VALVES SUPPLIED ONLY WHEN SPECIFIED ON CUSTOMER'S PURCHASE ORDER. SEE DWG. GD-1582 FOR CHAIN KIT.

			#159B/189B BOILER WATER GAGE ASSEMBLIES FOR 900# W.S.P.		JERGUSON GAGE & VALVE CO. STRONGSVILLE, OHIO, U.S.A.		DRAWN MJK	FILE NO.
6 REDRAWN & UPDATED	9/04	MJK					CHECKED DMD	DRAWING NO. SG-189B (pg.2 of 2)
5 REDRAWN ON CAD	10/97	DMD	APPROVED	SCALE NONE	DATE 9/30/04	REV. 6		
SYM	REVISION	DATE	APP					