

DETAIL OF WASHER STACKS

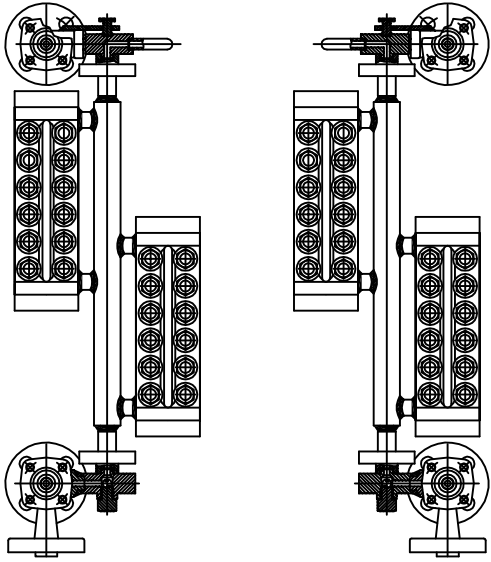
5 REDRAWN ON CAD	10/97	DMD
REVISION	DATE	APP

#1516B/1816B BOILER  
WATER GAGE ASSEMBLIES  
FOR 1600# W.S.P.

JERGUSON  
GAGE & VALVE CO.  
STRONGSVILLE, OHIO, U.S.A.

SCALE NONE DATE 10/10/97

DRAWN MJK	FILE NO.
CHECKED DMD	DRAWING NO.
APPROVED	SG-1816B (pg.1 of 2)
	REV. 5



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-1124-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-11313-B
5	BOTTOM GAGE CONN.	1	STEEL	V-11314-B
6	EXPANSION LOOP	1	STEEL	V-11310-A46
7	SUPPORT BRACKET	1	STEEL	V-11311-A6
8	WELDING CAP	1	STEEL	P-3968-A6
9	PIN	1	STEEL	V-11315-A6
10	3/4"-1500#RFSW FLG	2	STEEL	FA5-15-1-3D1P
11	1/2"-1500#RF FLG	1	STEEL	V-8946U-A6
12	YOKE	2	STEEL	L-220-B
13	VALVE STEM	2	416 SS	V-15889-U
14	VALVE SEAT	2	416 SS TREATED	P-343-U3
15	VALVE SEAT GASKET	2	STEEL	P-33-1-A1
16	PACKING	24	GRAPHITE	G-264
17	PACKING GLAND	2	STEEL	V-18257-4-AL4
18	BUSHING	2	BRASS	P-5946-F4
19	BUSHING NUT	2	STEEL	P-5665-A6
20	SPIRAL GASKET	2	316/CHLOROCARB	P-5643-T
21	CAP SCREW	8	STEEL	P-6475-B71
22	CAP SCREW	4	STEEL	P-5729-B71
23	SPROCKET RIM	2	ALUMINUM	V-5237-E8
24	VALVE STEM NUT	2	STEEL	P-78-4-2HA
25	SPACER WASHER	2	STEEL	P-5457-A
26	CHAIN GUIDE	2	ALUMINUM	V-5238-E8
27	RETAINING WASHER	2	304 SS	P-4917-R
28	BALL HOLDER	1	STEEL	V-10627-A6
29	BALL HOLDER GASKET	1	304/FLEXICARB	V-9864
30	BALL CHECK	1	316 SS	P-1-T2
31	NAME PLATE	2	BRASS	P-6211-F
32	NUT	16	STEEL	P-235-2-2HA
33	STUD	8	STEEL	P-4008-3-B71
34	CHAMBER	2	STEEL	V-12366U-A6
35	CENTER TUBE	1	STEEL	V-14271- -A46
36	FLANGED NIPPLE	2	STEEL	V-14195- -A6
37	LOOSE FLANGE	2	STEEL	V-8382-A6
38	GASKET	4	GRAFOIL	V-13488-7
39	SHIELD	4	MICA	P-8092-7
40	GLASS (TRANS)	4	TEMPERED BORO	V-16758-7
41	CUSHION	4	IFG5500	V-19087-7
42	COVER	4	STEEL	V-12367-AL4
43	STUD	8	STEEL	P-3998-4-B71
44	BOLT	16	STEEL	V-12403-B71
45	SPRING WASHER	96	SPRING STEEL	V-15697-J1
46	NUT	32	STEEL	P-8366-2HA
47	WELDING PLUG	1	STEEL	P-7612-A6
48	SPIRAL GASKET	2	304/CHLOROCARB	P-5198
49	NAME PLATE	1	BRASS	P-7566-F
50	DRAIN VALVE	1	STEEL	A-16775
51	SPIRAL GASKET	1	316/FLEXICARB	P-3958-TL
52	STUD	4	STEEL	P-4756-4-B71
53	NUT	8	STEEL	P-3596-2HA
54	WELD PLUG	4	STEEL	V-18234-A11
55	HANDCHAIN	2	SEE NOTE 5	P-3924

NOTES:

- TO ORDER A 1600# GAGE W/ 15" VISIBILITY, SPECIFY #1516B AND CENTER-TO-CENTER. TO ORDER A 1600# GAGE W/ 18" VISIBILITY, SPECIFY #1816B AND CENTER-TO-CENTER. WHEN ORDERING VALVES, SPECIFY TYPE, GROUP AND HANDING.  
EX.) TO ORDER A 1600# WSP TOP L.H. VALVE , SPECIFY 7025B-4-01LH  
TO ORDER A 1600# WSP BOT. R.H. VALVE , SPECIFY 7125B-4-01RH
- WHEN ORDERING A COMPLETE ASSEMBLY AS SHOWN, SPECIFY DRAWING NO., VISIBILITY, CENTER-TO-CENTER AND HANDING.
- VALVES HAVE 3/4"-1500# ANSI FLANGED TANK CONN. AND 1/2"-1500# ANSI FLANGED DRAIN CONN.
- GAGE HYDROSTATICALLY TESTED @ 2400 PSI. VALVES HYDROSTATICALLY TESTED @ 3750 PSI.
- HANDCHAIN (FOR SPROCKET RIM) IS LOCK LINK TYPE MADE OF HOT DIP GALVANIZED STEEL. TWO PIECES, EACH 10 FEET LONG, SUPPLIED WITH VALVES.
- WEIGHTS: TOP SHUTOFF VALVE ~ 18#, BOTTOM SHUTOFF VALVE ~ 23#  
DRAIN VALVE ~ 15#, GAGE ~ 128#

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