



BILL OF MATERIAL					
ITEM	QTY.	PART NO.	DESCRIPTION	MATERIAL	DRAWING NO
A	1	SP*-1	BODY	STEEL	AB-15410
B	1	*G89 60	SEALING GASKET	GRAFOIL	P8535
C	2	V1B980 *	CUSHION GASKET		P8535
D	+	X17235D	HEX HEAD CAP SCREW 7/16-20 X 3 1/4 LG.	STEEL	
E	1	PG*-2	COVER PLATE	DUCTILE IRON	A-3749
F	+	M4D-6	CLAMP	DUCTILE IRON	A-4892
G	+	X171451	HEX NUT-7/16-20	STEEL	
H	1	PG*-6	REFLEX GLASS	GLASS	
I	2	PG4-***	NIPPLE	304 STN. STL.	AB-15424
J	+	X174212	WASHER-3/4 X 13/32 X 3/32	STEEL	
K	+	X17421D	7/16 LOCK WASHER	STEEL	

QUANTITIES SHOWN ARE FOR SINGLE WINDOW GAGES. FOR MULTIPLE WINDOW GAGES, MULTIPLY QUANTITIES BY THE NUMBER OF WINDOW SECTIONS (EXCEPT ITEM I).

MFD. IN STANDARD SIZES							
TYPE	A	B	C	D	E	BOLTS	MIN. CNTRS. BRNZ. STL
S4	7 7/8	6 3/4				10	13 3/4 16 1/2
S5	9	7 7/8				10	14 7/8 17 5/8
S6	10 1/4	9 1/8				12	16 1/8 18 7/8
S7	11 3/8	10 1/8				14	17 1/4 20
S8	13	11 3/4				16	18 7/8 21 5/8
S9	13 3/4	12 1/2				16	19 5/8 22 3/8

\* TO COMPLETE PART NO ADD NUMERAL OF GAGE ORDERED  
 + QUANTITIES FOR THESE ITEMS ARE THE SAME QUANTITIES OF BOLTS (SEE STD. SIZE CHART).  
 \*\*\* TO COMPLETE PART NO. ADD NIPPLE PROJECTION LENGTH  
 FIRST 2 NUMBERS ARE FULL INCHES  
 THIRD NUMBER IS EIGHTHS OF AN INCH  
 NOTES: FOR STANDARD RELIANCE BRONZE WATER GAGE VALVES,  
 OVERALL SHOULD BE 2 3/4" LESS THAN THE WATER GAGE CENTERS  
 BRONZE VALVE MINIMUM UPPER NIPPLE LENGTH 'D' IS 1 3/4"  
 BRONZE VALVE MINIMUM LOWER NIPPLE LENGTH 'E' IS 1 3/8"  
 STEEL VALVE MINIMUM UPPER NIPPLE LENGTH 'D' IS 3 1/8"  
 STEEL VALVE MINIMUM LOWER NIPPLE LENGTH 'E' IS 2 1/4"  
 W.S.P. 350 PSIG (STEAM SERVICE)

MFD. IN STANDARD SIZES							
TYPE	A	B	C	D	E	BOLTS	MIN. CNTRS. BRNZ. STL
S44	18	14 7/8				20	21 7/8 24 5/8
S55	18 1/4	17 1/8				20	24 1/8 26 7/8
S66	20 3/4	19 5/8				24	26 5/8 29 3/8
S77	23	21 3/4				28	28 7/8 31 5/8
S88	26 1/4	25 1/8				32	32 1/8 34 7/8
S99	27 3/4	26 1/2				32	33 5/8 36 3/8

REV	DESCRIPTION	DATE	SIG
4	CUSHION GASKET WAS V17352*	6-6-96	ST
3	UPDATE GASKETS & REDRAWN	3-5-94	FAS
	REVISIONS		

UNLESS OTHERWISE NOTED:  
 TOLERANCES (+)  
 DECIMAL & STOCK ( .002)  
 FIN. FRACTIONAL (UP TO 1", NOT INCL.) (.010)  
 FIN. FRACTIONAL (1" INCL. UP TO 5") 1/64  
 FIN. FRACTIONAL (5" INCL. UP TO 6") 1/32  
 FIN. FRACTIONAL (6" INCL. UP TO 12") 1/16  
 FIN. FRACTIONAL (12" & OVER) 1/8  
 ANGLES 1°  
 MACHINE FINISH- 125√ OR SMOOTHER  
 REMOVE BURRS AND SHARP EDGES

THE CLARK-RELIANCE CORP.  
 STRONGSVILLE, OHIO  
 "S" TYPE PRISMATIC  
 GAGE ASSEMBLY

MATERIAL	
DRAWN	SCALE
FAS	NONE
CHKD.	DATE
	7-29-95
DRAWING NO.	REV.
B-12710	4