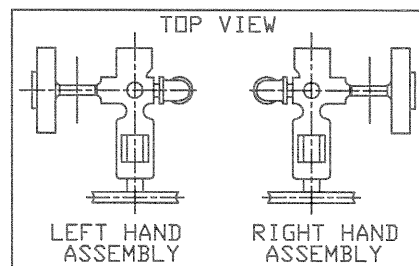
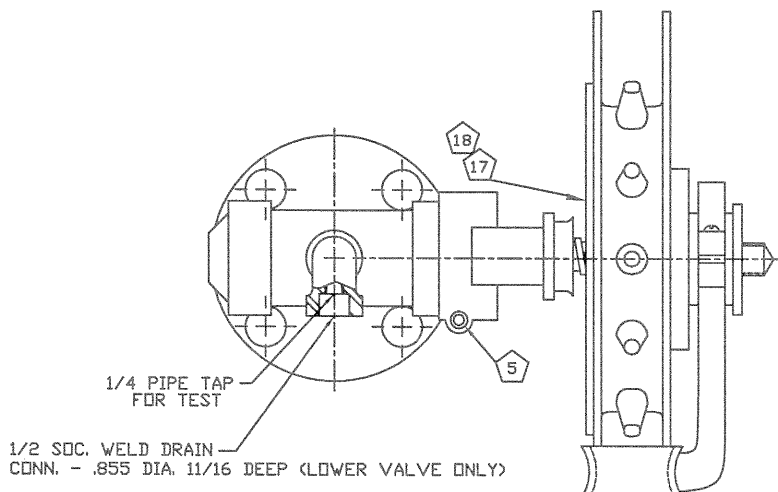


BILL OF MATERIAL - PER SET					
ITEM	PART NO.	QUAN.	DESCRIPTION	MATERIAL	DWG NO.
1	SG677-1	2	VALVE BODIES (FORGED STL.)	ASTM A105	-
2	SG677-2	2	DISC		-
3	SG677-3	2	RETAINER	416SS	-
4	SG677-4	2	BONNET		-
5	SG677-5	2	CLAMP BOLT	ASTM A-193 GR. B7	-
6	SG677-6	2	CHAMBER	416SS	-
7	SG677-7	12	PACKING RING (HIGH TEMP. PACK.)	-	-
8	SG677-8	2	GLAND	416SS	-
9	SG677-9	2	YOKE (FORGED STL.)	ASTM A-132 GR. F22	-
10	SG677-10	2	YOKE (BUSHING)	ASTM B-124 GR. 1A/B	-
11	SG677-11	2	STEM	416SS	-
12	SG677-12	1	1/2"- 6000# SOC. WELD ELBOW	ASTM A-105	-
13	SG677-13	1	1/2 CONN. (1/2XX STRONG PIPE)	ASTM A-106	-
14	SG677-14	1	1/2 SOC. WELD PLUG (1/2 CRS)	STEEL	-
15	SG477-2	2	FLANGE - 1/2"-2500# RING JOINT	ASTM A-285 Gr. C	-
16	SG777-3	2	CONNECTOR	STEEL	-
17	SG677 22L	1	CHAINWHEEL W/GUIDE & ADAPTOR (LOWER)	CAST IRON	-
18	SG677 22U	1	CHAINWHEEL W/GUIDE & ADAPTOR (UPPER)	CAST IRON	-

NOTE: ON UPPER VALVE, CHAIN WHEEL AND GUIDE ARE ASSEMBLED IN REVERSE POSITION.



MAXIMUM PREEURE RATING  
3000 PSIG @ 700°F  
HYDROTEST AT 4500 PSI

\* TOLERANCES DEFINED BY PES-004

UNLESS OTHERWISE NOTED:				THE CLARK-RELIANCE CORP.		MATERIAL	
TOLERANCES (S)				STRONGSVILLE, OHIO		DRAWN SSM SCALE NONE	
DECIMAL & STOCK (.002)						CHKD. DATE 4-25-96	
FIN. FRACTIONAL (UP TO 1", NET INCL.) (.010)						DRAWING NO.	
FIN. FRACTIONAL (1" INCL., UP TO 3") 1/64						REV.	
FIN. FRACTIONAL (3" INCL., UP TO 6") 1/32						B-16312	
FIN. FRACTIONAL (6" INCL., UP TO 12") 1/16						2	
FIN. FRACTIONAL (12" & OVER) 1/8							
ANGLES 125° OR SMOOTHER							
MACHINE FINISH - REMOVE BURRS AND SHARP EDGES							
2	REVISED CHAINWHEEL & ADAPTOR	8/15/00	ST				
1	RE-REDRAWN ON CAD - NO CHANGES	12/3/98	KHW				
REV	DESCRIPTION	DATE	SVG				
	REVISIONS						