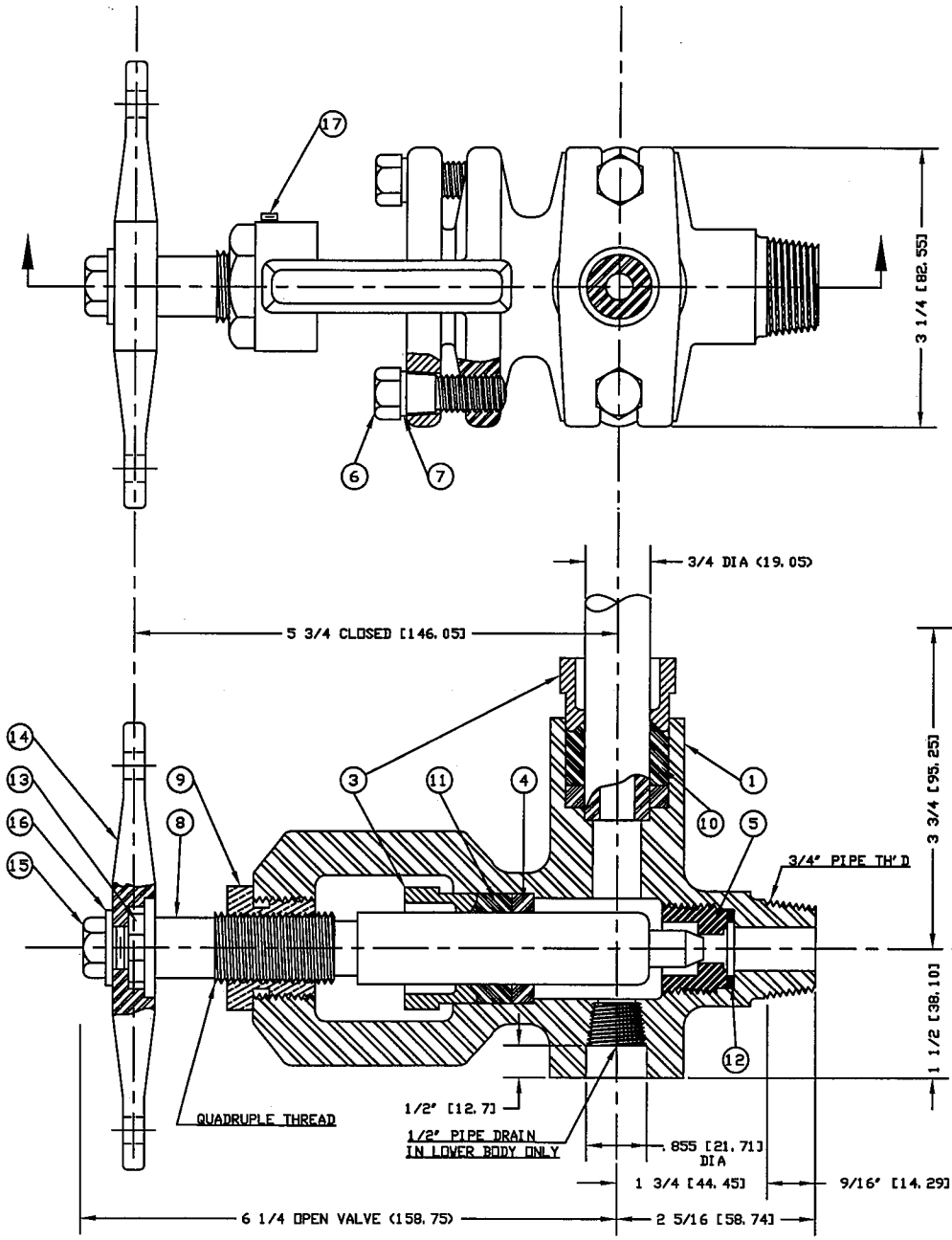
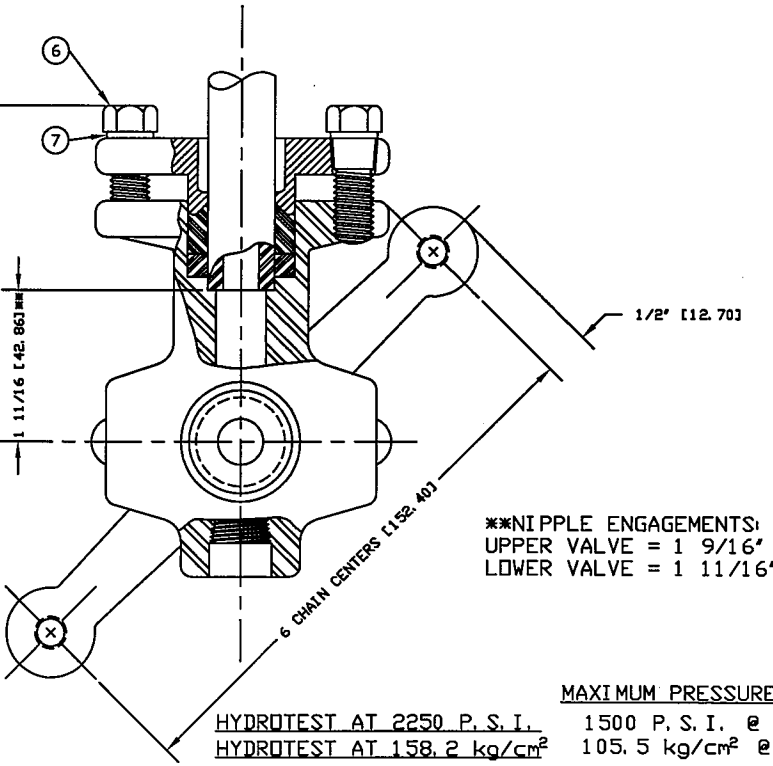
BILL OF MATERIAL - PER SET

ITEM	PART NO.	QUAN.	DESCRIPTION	MATERIAL	DWG NO.
1	SG754-1	1	VALVE BODY, LOWER(FORGED STL.)	ASTM A105	B-9198
2	SG754-1A	1	VALVE BODY, UPPER(FORGED STL.)	ASTM A105	B-9198
3	SG754-2	4	PACKING YOKE (DUCTILE IRON)	ASTM A395-55T	SG7035-A
4	SG754-3	2	PACKING WASHER	C 1018	SG7036-A
5	SG454-24	2	SEAT	420 SS	SG7017-A
6	X172341	8	CAP SCREW, HEX 7/16-14x1 1/2	STEEL - GR. B7	
7	X174212	8	PLAIN WASHER, 15/32 I.D. - 59/64 O.D.	STEEL	
8	SG854-1	2	STEM	303 SS	A-9196
9	SG854-2S	2	STEM BUSHING	416 SST	A-9196
10	SG854-5	2	NIPPLE PACKING CARTRIDGE	GRAFOIL	SG7021-A
11	SG854-4	2	STEM PACKING CARTRIDGE	GRAFOIL	SG7021-A
12	X175500	2	VALVE SEAT GASKET	MONEL	A-5418
13	BG403RS-1	2	SPROCKET	SINTERED IRON	A-7255
14	BG403RS-2	2	LEVER, 1 UPPER & 1 LOWER	MALL. IRON	A-7254
15	BG403RS-13	2	CAP SCREW, HEX 5/16-18x5/8	STEEL	
16	BG403RS-14	2	SHAKEPROOF LOCK WASHER, 5/16	STEEL	
17	X173121	2	ALLEN CUP POINT SET SCREW, 10-24x5/8	STEEL	

NOTE: LENGTH OF GLASS OR GAGE OVERALL EQUALS VALVE CENTERS LESS 3 1/4" [82.55]





**NIPPLE ENGAGEMENTS:
UPPER VALVE = 1 9/16"
LOWER VALVE = 1 11/16"

LOWER VALVE SHOWN

MAXIMUM PRESSURE RATING:

HYDROTEST AT 2250 P.S.I. — 1500 P.S.I. @ 600°F
HYDROTEST AT 158.2 kg/cm² — 105.5 kg/cm² @ 316°C

DIMENSIONS IN [ ] ARE IN MILLIMETERS

REV	DESCRIPTION	DATE	SIG
	REVISIONS		
11	drain was 3/8 npt/sw	3/20/06	ST
10	HYDROTEST WAS 4500 PSI	8-24-94	ST
9	UPDATE MATERIAL SPECS.	8-3-93	FAS
8	REDRAW	6/29/92	DBC

UNLESS OTHERWISE NOTED:
TOLERANCES (±)
DECIMAL & STOCK .005
FIN. FRACTIONAL (UP TO 1", NOT INCL.) .010
FIN. FRACTIONAL (1" INCL., UP TO 3") 1/64
FIN. FRACTIONAL (3" 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

SG854 FORGED STEEL
WATER GAGE VALVE

MATERIAL

DRAWN D. CLINE | SCALE NONE
CHKD. S. TABAR | DATE 6/29/92

DRAWING NO. B-9200 | REV. 11