

STEELCRAFT P/N: SCDHWT78X120

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	A44006-01	Cylinder: 78" O.D. x 79" Lg.
2	1	A44003-NP	ASME NAMEPLATE
3	1	HDSE078001FJ	Head: S.E., 78" O.D.
4	1	HDSE078001FJ	Head: S.E., 78" O.D.
5	1	CPHT200300XU	Coupling: 2" NPT
6	1	CPHT200300XU	Coupling: 2" NPT
7	1	CPHT200300XU	Coupling: 2" NPT
8	1	CPHT200300XU	Coupling: 2" NPT
9	1	CPHT200300XU	Coupling: 2" NPT
10	1	CPHT200300XU	Coupling: 2" NPT
11	1	CPHT200300XU	Coupling: 2" NPT
12	1	CPHT200300XU	Coupling: 2" NPT
13	1	CPHT200300XU	Coupling: 2" NPT
14	1	CPHT100300XU	Coupling: 1" NPT
15	1	CPFT100300XU	Coupling: 1" NPT
16	1	MHCO121640UC	Manway Collar: 12" x 16" x 1" x 4" Wide
17	1	GSKO121600XY	Manway Gasket
18	1	CVRB121615XC	Manway Cover
19	2		Manway Yoke c/w Bolt & Nut
20	4	A44003-L	8" X 8" X 50" LG ANGLE
21	4	A44003-FP	10" X 10" X 1" Thk. FOOT PAD WITH 1-1/4" HOLE
22	1	BKPL400055XC	Nameplate Bracket
23	2	LLTV050075QC	Lift Lug
24	3	ANDA200220XM	Anode, 2" Screwed Magnesium

Design Specifications

M.A.W.P.: 150 psi  
 Design Temperature: 500 °F  
 M.D.M.T.: 0°F @ 150 psi  
 Impact Testing Exempt per UG-20(f) & UCS-66  
 Design External Pressure: 0.0 psi  
 Hydrotest Pressure: 195 psi  
 Corrosion Allowance: 0.0 in.  
 Code: ASME Section VIII, Div. 1 2017  
 Approximate Volume: 7874 L  
 Approximate Weight: 5896 lbs  
 Material of Construction: Carbon Steel

**Finish**  
 Interior:  
 Line with Cement to CSA, NSF/ANSI 61 Standard  
 Exterior:  
 - Primer

**Construction Notes**  
 -Bolt holes to straddle centerlines.  
 -This vessel is designed with superimposed static, dynamic or cyclical reactions due to equipment or mechanical loading, or pressure or thermal variations = 0 lbs.  
 -This vessel is designed with thermal, mechanical, cyclical, pressure or fluid shock loadings = 0 lbs.  
 -Round or chamfer all sharp interior corners.  
 -This vessel is designed to contain a non-lethal gas, vapour or a non-lethal liquid.

TOLERANCES UNLESS OTHERWISE NOTED	
MACHINING .X = ±.1" .XX = ±.02" .XXX = ±.005" ANGLES ±.5°	WELD FABRICATION <=24" = ±1/16" >24" = ±1/8" ANGLES = ± 0.5°
MAX. MACHINED SURFACE ROUGHNESS 125 MICROINCHES	3RD ANGLE PROJECTION

**STEELCRAFT**  
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PRODUCT: 78" O.D. X 120" HIGH STD PV  
 DESCRIPTION: MAIN ASSEMBLY  
 COMMENTS: SEE BOM FOR MATERIALS

DRAWN: PEK	CHK'D: PEK	SCALE: NTS	JOB No.:	DRAWING No.:	SHEET 1 OF 1	REV. No.:
DATE: 23/08/2019	DATE: -	WEIGHT: 4224	SCDHWT78X120	CL44006		0

