



DESIGN DATA			
Design Code	BEP	Fluid	All
Stamp	None	Service	Non-Lethal
Design Pressure (psig)	150	Design Temp (°F)	300
Op. Pressure (psig)		Op. Temperature (°F)	
Hydro Test Press. (psig)	220	Closure Style	Eye Bolts
Shell Material	304 SS	Flange Material	304 SS
Leg Material	304 SS	Bolting Material	CrMo
Gasket Style	O-Ring	Gasket Material	Buna
Weight (lb)	360	Weld Joint Efficiency (%)	85
Surface Treatment	Pickled & Passivated	Corrosion Allowance (mm)	0
Surface Finish	Glass Bead	RT/UT	None

FILTRATION DATA			
Design Flow (gpm)		Fluid Density (s.g.)	All
Filtration Process	Bag	Fluid Viscosity (cp)	1-500
Filtration Rating		Solids	Unknown
Element Type	All	Solids Density (s.g.)	Unknown
Element Material	All	Solids Loading (ppm)	Unknown
Filtration Area (f²)	17.6	#/Size of Elements	4xSize 2
Clean ΔP (psid)	TBD	Max. ΔP (psid)	

NOZZLE DATA				
Mark	Function	Size	Specification	Connection Style
N1	Inlet	4"	B16.5 150#	RFSO
N2	Outlet	4"	B16.5 150#	RFSO
N3	Vent	1/2"	B1.20.1	FNPT
N4	Drain	1"	B1.20.1	FNPT
N5	Inlet Gauge	1/2"	B1.20.1	FNPT
N6	Outlet Gauge	1/2"	B1.20.1	FNPT
N7	Spare	1/2"	B1.20.1	FNPT

REVISIONS				
REV	DESCRIPTION	DATE	BY	APPR
0	FOR GENERAL USE	2/22/2018	RKG	JFP

- NOTES:
1. A SURFACES TO BE PICKLED AND PASSIVATED AFTER WELDING.
 2. FINAL FINISHING TO BE GLASS BEAD.
 3. DESIGN AND TESTING IN ACCORDANCE WITH BEST INDUSTRIAL PRACTICES.

PROJECTION: THIRD ANGLE		SIG	DATE	MBB-4-4-F-A-4-15	W.O. NO.				
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN (in) BREAK SHARP CORNERS TO R0.5mm REMOVE ALL BURRS AND SLAG SURFACE FINISH: DIMENSIONAL TOLERANCES:		DRW	RKG		2/22/2018	TAG NO. N/A			
ANGLE		CHK	JFP		8/26/2017	WGT. (lb) -			
±0.5°	±	MFG	N/A		SIZE	SHEET	OF	SCALE	REV.
		APR			A3	1	13	1:12	1
		AI	N/A		DRAWING NO.				
		CST	N/A		LFH500-00-0001301				
					MATERIAL		304 SS		
					PROD. CODE				
					ERP CODE		-		