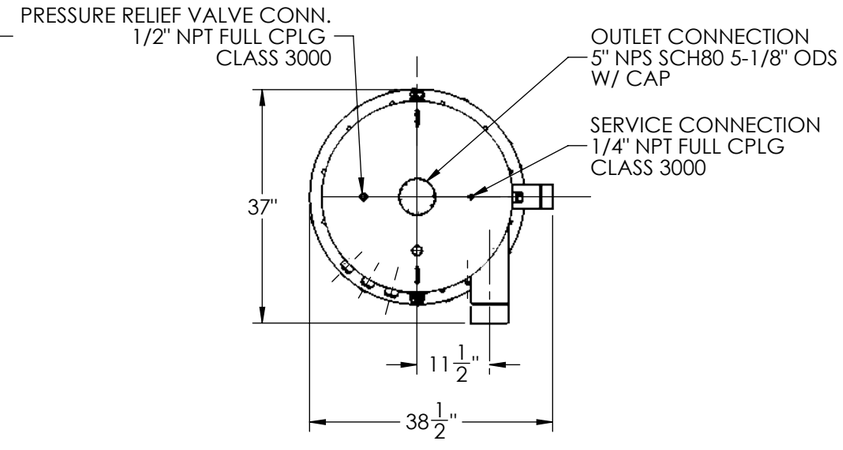
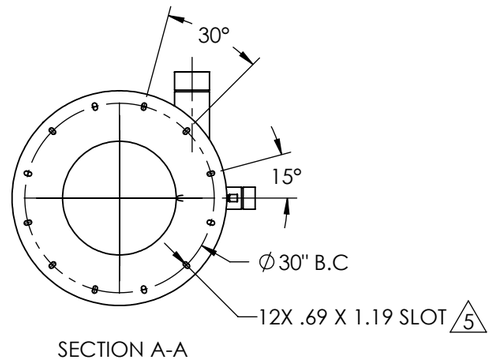
Approval: _____

Customer Signature Required Upon Order

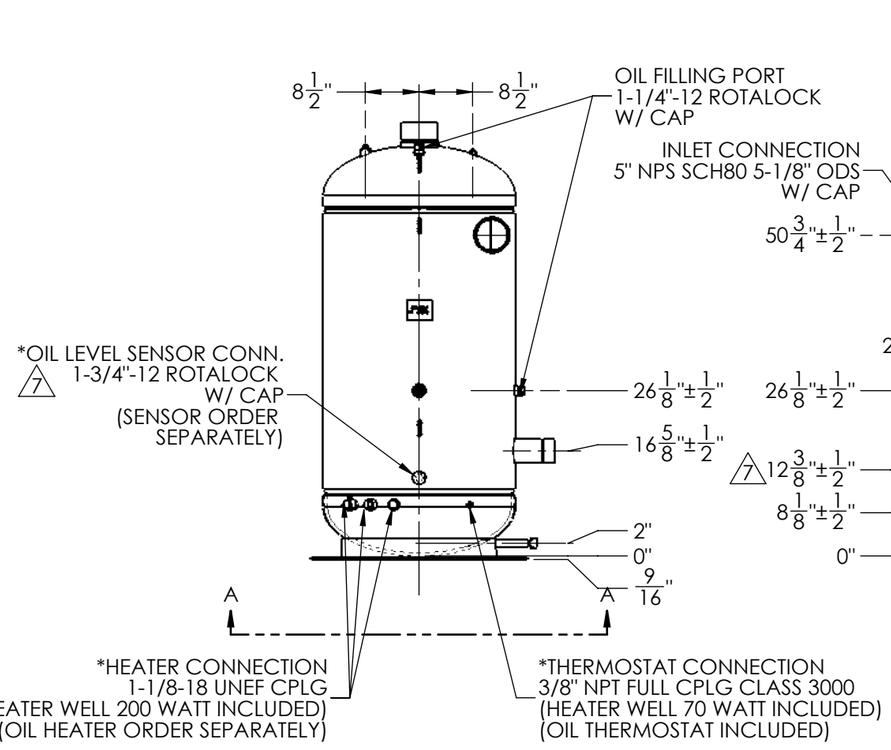
Customer Company Name: _____

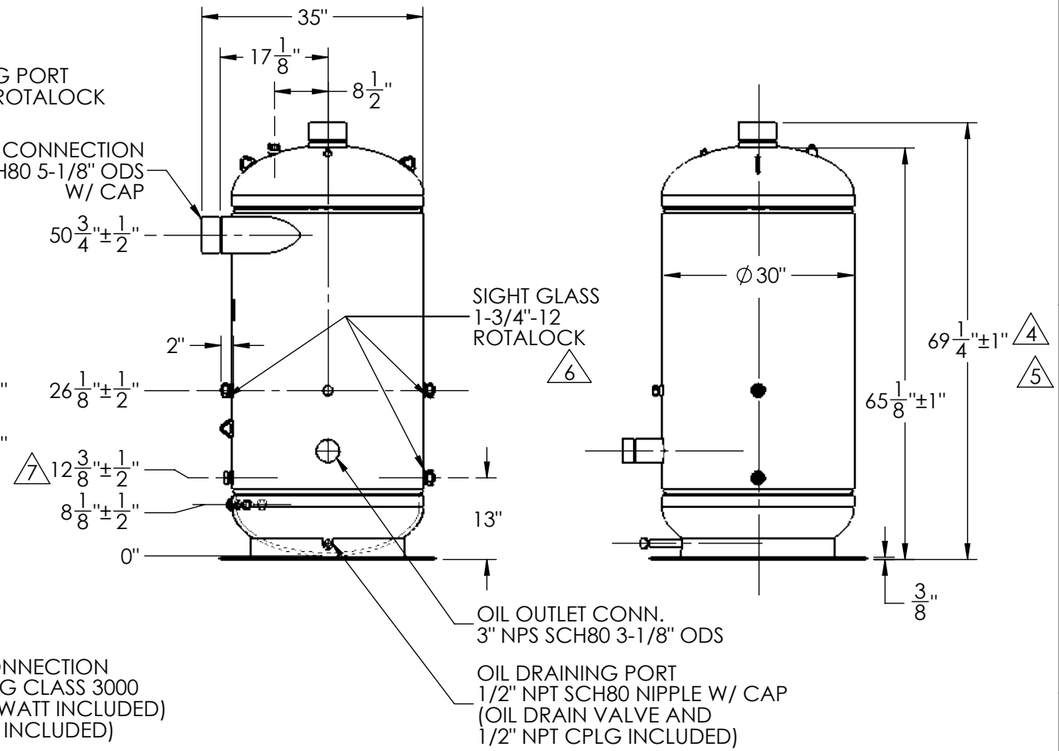
1. Shell Side:
   - Max. Allowable Work Pressure: 450psi @ 250F
   - Min. Design Metal Temp.: -20F @ 450psi
   - Capacity: 22.45 ft3
   - Corrosion Allowance: 0
   - Vessel Stamp: U
2. Manufacture vessel in accordance with ASME BPVC.VIII.1 (Latest Version)
3. Pressure boundary parts are carbon steel.
4. All connections will be shipped with welded caps and plugs.
5. Vessel will be painted black.
6. Customer must remove all welded caps prior to pressurizing system.
7. Vessel not constructed or stamped for "lethal" service.
8. Vessel has hot formed or stress relieved heads in compliance with ANSI/IIAR 2. (Not applicable if primary fluid is oil).
9. For custom vessels, (customer provided internal design elements), BITZER U.S., Inc is not responsible for the performance with respect to heat exchange, droplet separation, or other function outside the scope of meeting the ASME BPVC.VIII.1.





SECTION A-A





7

(*) ACCESSORY - ORDER SEPARATELY	ACCESSORY P/N
OIL LEVEL SWITCH - 24V, AC/DC OPTION	347950-04
OIL LEVEL SWITCH - 115V OPTION	347950-02
OIL LEVEL SWITCH - 230V OPTION	347950-01
OIL HEATER - 120V, 200W OPTION	343213-08
OIL HEATER - 230V, 200W OPTION	343213-07
ROTALOCK T-ADAPTER	365433-56
SPARE PARTS	**SPARE PARTS P/N**
HEATER WELL - 70W	345906-05
HEATER WELL - 200W	345905-05
OIL THERMOSTAT	860-5021-01
OIL DRAIN VALVE	540106050
1/2" NPT FULL COUPLING	P000001977
SIGHT GLASS	182102200
SIGHT GLASS NUT	182102015
O-RING - SIGHT GLASS ROTALOCK SEAL	372200-04

REVISION HISTORY				
REV	DESCRIPTION	DATE	DRWBY	APPVBY
07	UPDATE DESCRIPTION; CHANGE SPARE PARTS QTY.	09/08/2025	AHB	AHB
06	UPDATE SIGHTGLASS	01/20/2020	AC	AC
05	UPDATE VESSEL HEIGHT & SKIRT	08/28/2019	AC	AC
04	TOTAL HEIGHT OF VESSEL REDUCED	05/23/2017	FB	FB
03	ADJUSTED SHELL LENGTH	04/25/2017	CT	CT
02	CORRECT NOZZLES' LOCATION	08/24/2015	AC	AC

UNLESS OTHERWISE SPECIFIED
DIM ARE IN INCHES
ANGLE TOL ±2°30'
FRACTION TOL ±1/4
.X ± .125 .XX ± .063 .XXX ± .005
ASME Y14.5M-1994

THIRD ANGLE PROJECTION

PROPRIETARY AND CONFIDENTIAL

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	NAME	DATE
DRAWN	QKT	10/20/2014

BITZER U.S. Inc.
4080 ENTERPRISE WAY
FLOWERY BRANCH, GA 30542

TITLE

SUBMITTAL DRAWING

SIZE	JOB#	DWG NO	REV
B	Pressure Vessels	OA25112US (771-0007-01)	07

SCALE 1:24 | WEIGHT 1236.15LBS | SHEET 1OF1