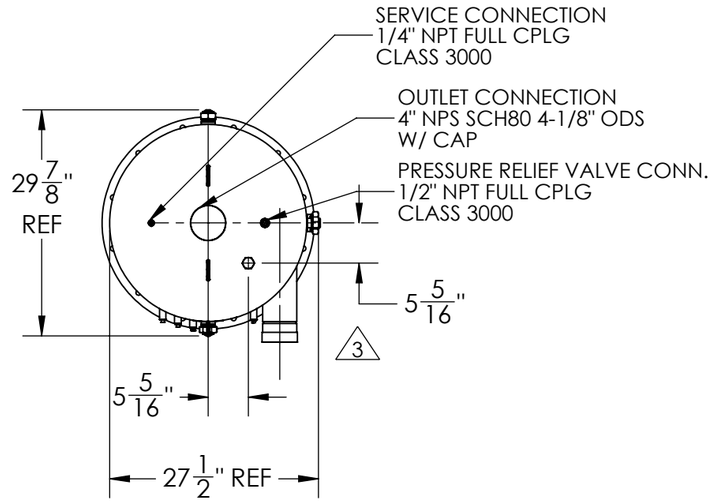
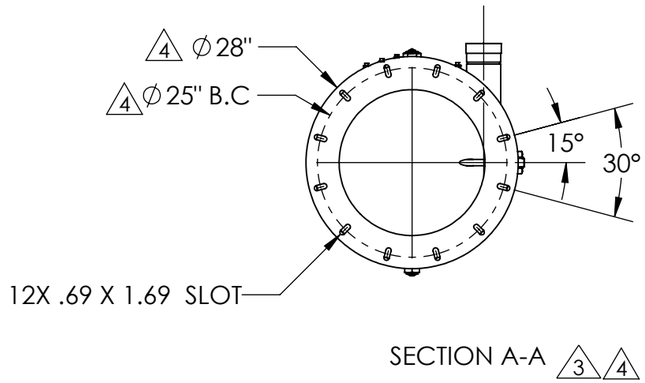
Approval: _____
Customer Signature Required Upon Order

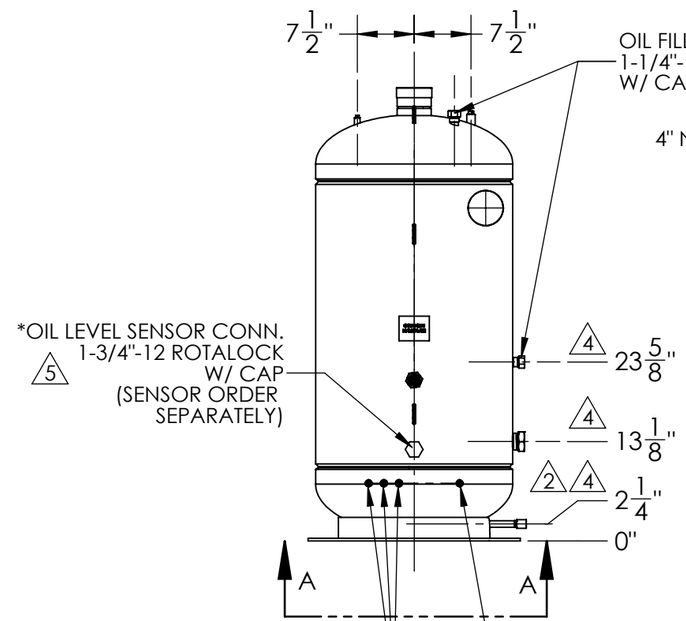
Customer Company Name: _____

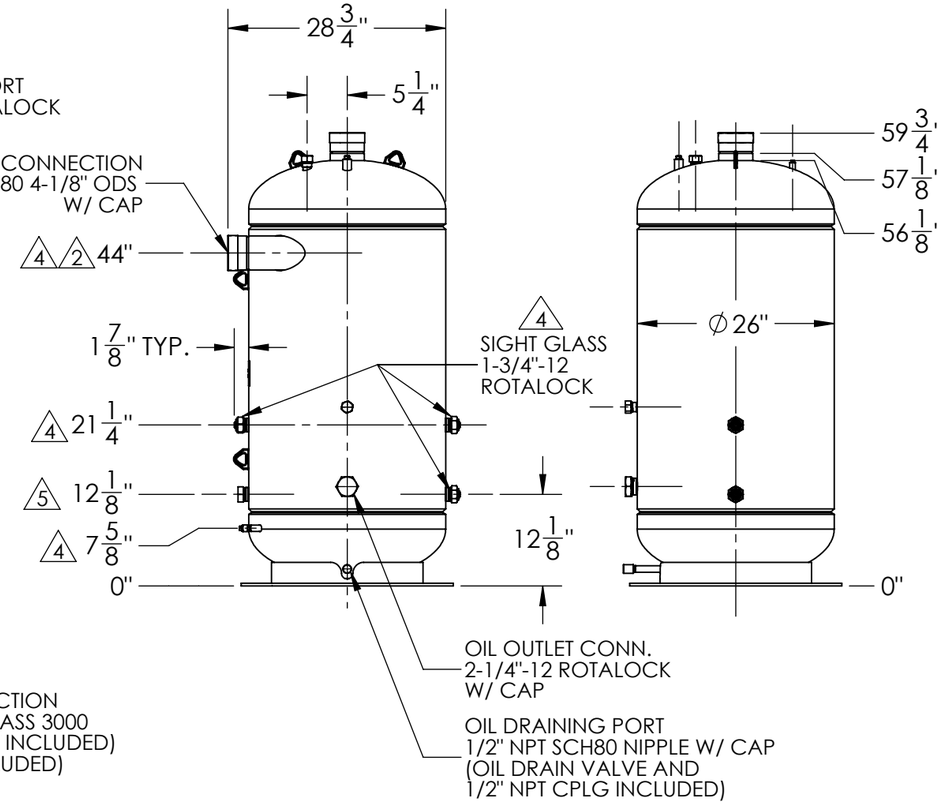
1. Shell Side:
   - Max. Allowable Work Pressure: 450psi @ 250F
   - Min. Design Metal Temp.: -20F @ 450psi
   - Capacity: 14.33 ft3
   - Corrosion Allowance: 0
   - Vessel Stamp: U
2. Manufacture vessel in accordance with ASME BPVC.VIII.1 (Latest Version)
3. Pressure boundary parts are carbon steel.
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 3 4





5

(*) 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, 140W OPTION	892-1140-01
OIL HEATER - 230V, 140W OPTION	892-1140-02
ROTALOCK T-ADAPTER	365433-56
SPARE PARTS	**SPARE PARTS P/N**
HEATER WELL - 70W	345906-05
HEATER WELL - 140W	345905-22
O-RING - HEATER WELL (70W & 140W)	372016-01
SET SCREW (140W HEATER WELL ONLY)	380354-08
OIL THERMOSTAT	860-5021-01
OIL DRAIN VALVE	540106050
OIL OUTLET VALVE	361321-12
OIL OUTLET VALVE - O-RING	37220-06
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
05	~~REVISE AND ADD ITEMS ON ACCESSORIES TABLE~~	09/05/2025	AHB	AHB
04	UPDATE SKIRT. UPDATE SIGHT GLASS TO 1-3/4"	02/07/2020	AC	AC
03	MOVE AND LABEL VIEWS	06/01/2017	DE	DE
02	UPDATED DIMENSIONS	05/24/2017	CT	CT
01	UPDATED FORMAT AND NOTES	09/18/2014	QKT	QKT
00	INITIAL RELEASE	08/19/2014	MMN	MMN

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

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	NAME	DATE
DRAWN	QTT	09/18/2014

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

TITLE
SUBMITTAL DRAWING

SIZE	JOB#	DWG NO	REV
B	Pressure Vessels	OA14111US (771-0006-01)	05

SCALE 1:20 | WEIGHT 673.58LBS | SHEET 1OF1