

This Drawing and the Subject Matter Disclosed Therein Is the Property of John C Ernst LLC. It Is Not to be Copied, Used, Appropriated or Disclosed to Others Without the Expressed Permission of John C Ernst LLC.

REVISIONS			
Rev.	Modification	Date	Done By
A	Corrected Views, Notes and Part numbers	3/8/2019	NPH
B	Updated Notes	12/16/2020	NPH

BILL OF MATERIALS CHOOSE ONE

No.	Name of Part	Qty.	Material
011	Wetted Valve Body		Zinc Pl. Steel OR 316SS
012A	Top Tail Pipe	1	Zinc Pl. Steel OR 316SS
012B	Bottom Tail Pipe	1	Zinc Pl. Steel OR 316SS
014	Ball Check Retainer	1	15-7SS
015	Ball Check	1	316SS
017	Stem	1	316SS
018	Stem Packing Retainer	1	316SS
025	Stem Packing	1	PTFE
034	Sight Tube O-Ring	2	Viton® / FEP Encapsulated Silicone / Buna-N / EPDM
039	Union O-ring	1	Borosilicate / FEP / PVC / Lexan®
048	Sight Glass/Tube	Var.	Borosilicate / FEP / PVC / Lexan®
129	1/2" Bottom Plug	1	Zinc Pl. Steel OR 316SS
130	1/4" Side Plug	1	Zinc Pl. Steel OR 316SS
134	Adaptor (1" Only)	1	Pl. Steel OR 316SS
009	Shield	1	Lexan (Inquire for Scale Printing)
013	Union Nut	1	Zinc Pl. Steel OR 304SS
026	Stem Packing Nut	1	Zinc Pl. Steel OR 303SS
028	Handwheel	1	Cast Zinc
035	Retaining Plates	1	316SS
090	Vent Cap	1	Polyethylene
100	Handwheel Screw	1	18-8SS
101	3 Sided Frame		Zinc Pl. Steel OR 304SS
131	Bumper Ring	Var.	Buna-N
137A	Retainer Studs	2	18-8SS
137B	Tail Pipe Set Screw	1	18-8SS
163	Name Plate	1	Aluminum

Notes:

1. Rated for **FULL** Vacuum service
2. Addition of **Splicers** reduces visibility ~1" per Splicer
3. Each Floating Union Tailpipe (012B), allows for ±1/4" variance for misaligned process connection centerlines
4. 1" Adaptors add ~9/16" to length away from tank
5. Due to Glass Seating, gauge **cannot** be flipped for desired orientation. Please inquire for orientation requirements

J14F Series Configuration Choices:

Reference the Series J14F Model Number Matrix on our Website or Inquire with our Sales Team

Lexan® is a Registered Trademark of General Electric, Co. USA
Viton® is a Registered Trademark of The Chemours Company

JOHN C ERNST LLC.

www.JOHNERNST.com
21 Gail Ct. Sparta, N.J. USA

Series J14F Shielded Level Gauge w/ Valves - 5/8" OD Glass
1/2", 3/4", 1" MNPT Connections

Sheet: 1 of 1	Drawn By: WAS	Tolerances, unless otherwise noted	Size:
Scale: NTS	Approved By: JCW	Dec.: ± Frac.: ± Ang.: ±	A
Dim.: Inches	Date: 12-APR-17	Dwg. No.: SC2.0J14F.00.0.0	Rev.: B

