

# Installation Instructions

## Bellows Subassemblies

### B and U Series

1. With valve in the OPEN position, disassemble the upper works from the valve body.
2. Place the actuator carefully into a vise and remove the pin(s) using a 1/16 in. drift pin.
3. Before reassembly of the bellows valve, be certain all components are clean and free of contamination.
4. Start pin into the cross hole in the actuator.
5. Lubricate the end recess of actuator and the top of the stem with Molykote GN or a comparable lubricant.
6. Insert the ball into the recess in actuator (U series only).
7. Insert the stem end into the actuator until it bottoms and press the pin into the cross hole until it is flush with the actuator.
8. Relubricate actuator threads.
9. With actuator fully backseated, assemble the upper works to the valve body and tighten the bonnet nut according to the following chart:

VALVE MATERIAL	VALVE SERIES	O-RING/GASKET DESCRIPTION	TORQUE Bonnet Nut
Stainless Steel & Alloy 400	B & 4/6/8U	Metal O-Ring	400 in.·lb (45.2 N·m)
		Silver Plated O-Ring	
		PTFE Coated O-Ring	300 in.·lb (33.9 N·m)
		Copper Gasket	
		PCTFE Gasket	175 in.·lb (19.8 N·m)
Brass	B	PTFE Coated O-Ring	200 in.·lb (22.6 N·m)
		PCTFE Gasket	175 in.·lb (19.8 N·m)
Stainless Steel	12U	Silver Plated O-Ring	110 ft·lb (149 N·m)
		Metal O-Ring	140 ft·lb (190 N·m)
		Copper Gasket	

Tighten the packing nut on U Series valves to 50 in.·lb (5.6 N·m).