

Product Overview | Lubricated Valves

1824A Lubricated Plug Valves are all iron (semi-steel) construction. 1824A valves can be used as a manual isolation valve to provide a tight shut off.

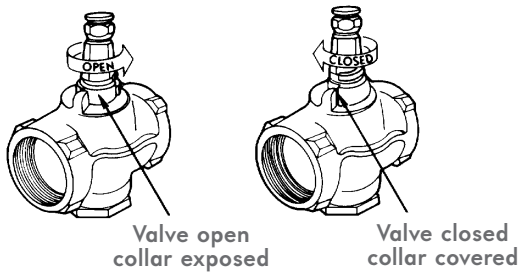
Ratings:

Maximum inlet pressure: 200 psi
Temperature range: -20°F to 450°F

All 1824A valves have removable wrench handles. **CAUTION:** Some valves' handles can be indexed in 45° increments, which means handle position may not indicate plug position (open or closed). To be sure a valve is fully closed, check that it is turned fully clockwise to stop.

Newer style valves have handles that can be indexed only in 180° increments, thus always indicate plug position.

In abnormally hot, dirty, or corrosive conditions, most shutoff valves can deteriorate and fail to shut off tightly. Frequent, periodic checking of all valves is strongly recommended. Per NFPA 86, these valves must be lubricated and subsequently leak tested for valve closure at least annually.



Valve position indicator is a sleeve that rotates to cover a collar when valve is closed, exposes collar when valve is open.

INSTRUCTIONS FOR SERVICING SERIES 1824A

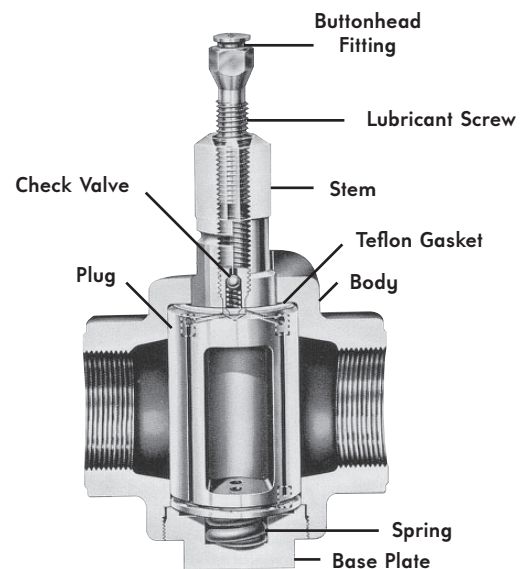
How to Lubricate: Valve should be in the open or closed position while lubricating. Lubricant can be introduced while the valve is under line pressure; a check valve prevents back leakage of the line contents. If valve is equipped with buttonhead fitting, attach grease gun and pump the lubricant into valve until lubricant begins to escape visibly around neck of plug. This indicates that valve is fully lubricated. If valve is equipped with conventional lubricant screw, remove screw from stem, insert a stick of lubricant into the stem and force lubricant slowly

into valve by means of the screw. Repeat until lubricant starts to escape around neck of plug. Whether stick or gun is used, turn valve a few times during and after lubricating in order to distribute the lubricant.

Many larger size valves are equipped with giant buttonhead fittings on the body of the valve for more efficient annular lubrication. Lubricate through these fittings as well as the stem.

Operation: Valve opens in a counterclockwise direction, closes in a clockwise direction. Stops on the body and plug limit movement of the plug to a quarter-turn.

Maintenance: To ensure tightness, maximum life, and ease of operation, the valve should be thoroughly lubricated at regular intervals. Your maintenance schedule for the valve will depend on service handled by the valve and frequency of operation. You can use sealant handgun R400-6210 to lubricate the valve.



Series 1824A Lubricated Plug Valves

Although assembled with ACF No. 1033 service lubricant suitable for liquid and gaseous aliphatic hydrocarbon service suitable for gasoline, kerosene, fuel oils, crude distillates, aviation and jet fuel, natural gas. These valves should be serviced again with one stick of this lubricant before being placed on flow.

For valves 1824A-01 thru -8 use ACF No.1033 lubricant sticks part number R400-6289 (box of 6 sticks).