

SCI Series 67LPN

“Low Profile” Ductile-Iron Body, Grooved-End Butterfly Valve

Installation, Operation and Maintenance Instructions



Figure 1 – Series 67LPN “Low Profile” Grooved Butterfly Valve Illustration

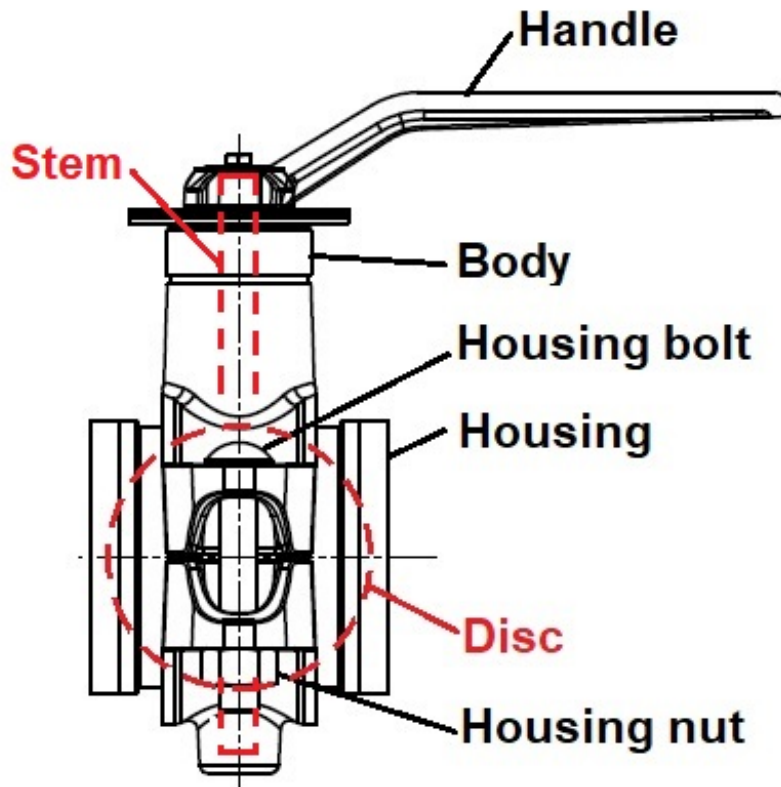



Table 1 – Series 67LPN List of Materials (See Figure 1 for items illustrated)

Part Description	Material
Housing	Ductile Iron, ASTM A536 Gr 65-45-12
Body	Carbon Steel, NBR Elastomer-Lined
Seat	NBR
Disc	Stainless Steel, AISI 316
Stem	Stainless Steel, AISI 416
O-Ring	NBR
Bolts/Nuts	Carbon Steel, Zinc Plated
Handle	Ductile Iron, ASTM A536 Gr 65-45-12

Valve Maintenance [See Figure 1 and Table 1 for parts descriptions]

 **DANGER** – Do not attempt to perform maintenance on valves in pressurized lines. Doing so may result in severe injury or death if there is an uncontrolled release of pressure.

If leakage is evident from the stem area in the upper section of the valve body, it is recommended that an ASC authorized technician should service the valve to replace the outer stem seal o-ring and bushings if worn or necessary. This will require the grooved connectors on the ends of the valve to be unbolted and removed, and the valve taken to a bench or maintenance area to perform service.

If excessive leakage past the main seat is evident or suspected, this will also require complete removal of the valve from the pipeline to service or repair the valve. It is normally recommended to replace the valve due to main seat leakage, but an ASC certified technician may also remove the stem and disc from the valve, unbolt the housing sections, and get access to the internals to replace the seat.

Valve Installation

These valves may be installed in the pipeline between Cooplok® Grooved Connectors in any orientation or position using good piping practice. However, it is recommended to install the valve with the handle above the flow axis (in horizontal pipe) for optimum access and operation of the valve by the user.

Consult the Cooplok® Grooved-connection installation instructions available from your ASC service center to properly install the grooved connectors on the ends of the valve.

Valve Operation [See Figure 1 and Table 1 for parts descriptions]

These are quarter-turn (90° rotation) butterfly valves which are typically fitted with a latching lever handle. The 2-position handles contain stops to limit travel at the open and closed positions.

To open the valve, remove the lock on the lever handle (if so equipped) and turn the handle counterclockwise to the open position. To close the valve, turn the handle clockwise until reaching the closed position stop.