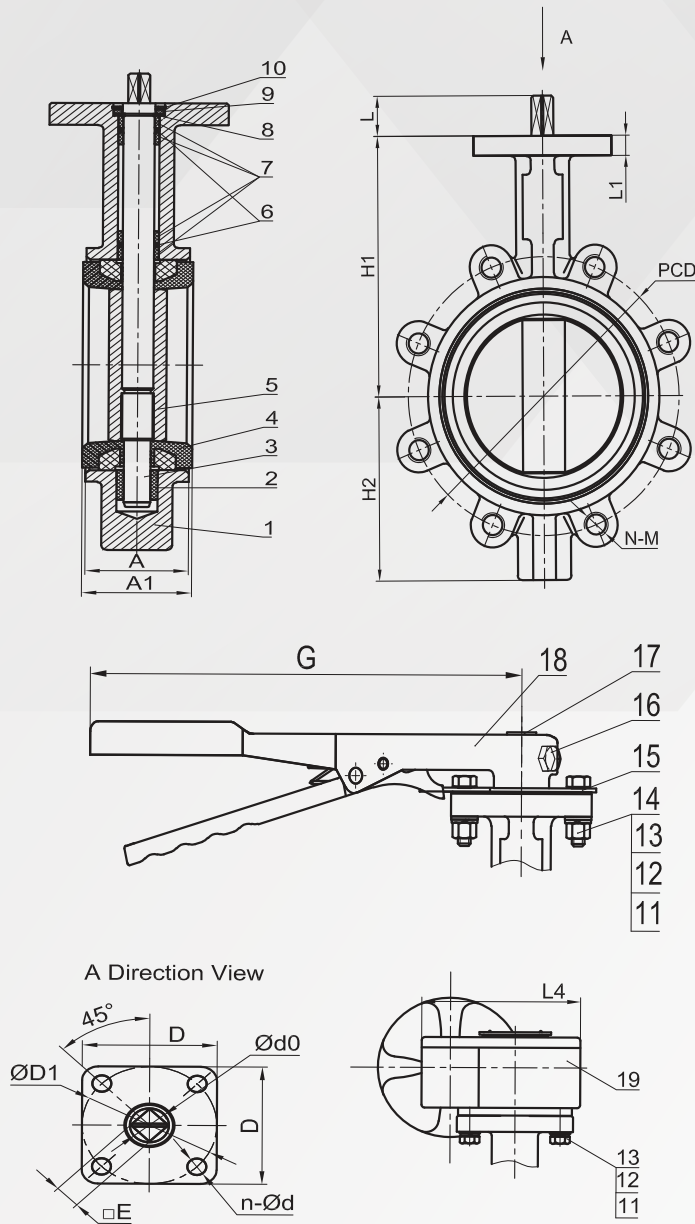


Installation, Operation, and Maintenance (IOM) Manual for Lug Style Butterfly Valve



19	Gear Box	Cast Iron
18	Lever	Malleable Iron
17	Plastic Cover	ABS
16	Screw	SS316/SS201
15	Notch Plate	SS430
14	Nut	SS316/SS201
13	Plain Washer	SS316/SS201
12	Lock Washer	SS316/SS201
11	Hex Bolt	SS316/SS201
10	Circlip	65Mn
9	Washer	Carbon Steel
8	Circlip	65Mn
7	O-Ring	NBR/EPDM
6	Bushing	Bronze/PTFE
5	Shaft	SS410
4	Seat	NBR/EPDM
3	Disc	DI/CF8/CF8M
2	Body	DI
1	Bushing	Bronze/PTFE
Item	Name	Material

Refer to the diagram and parts list above for a detailed view of each component, assisting with installation, operation, and maintenance for optimal valve performance.



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Note: This document is a general guideline for the installation, operation, and maintenance of Lug Style Butterfly Valves, intended to assist trained personnel in following recommended procedures. It is not an exhaustive set of instructions. Carefully read the manual for safe and efficient use. We are not liable for damages arising from its use. Consult a professional if you have specific concerns related to your application or environment. For additional assistance, contact your supplier or representative.

PRODUCT OVERVIEW

- The Lug-Style Butterfly Valve is designed for efficient flow control across various industrial applications. With a durable lug body for secure flange installation, it ensures reliable bi-directional flow, tight shut-off, and long service life.
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INSTALLATION

- **Preparation:**
 - Ensure both pipe flange and valve sealing faces are clean and free from debris, such as welding slag or scale.
 - Verify that the valve's pressure rating matches the application requirements.
- **Valve Placement:**
 - Position the valve with the disc in the partially open position (if applicable) to avoid disc edge damage.
 - Insert the valve between the flanges and loosely install the flange bolts.
- **Flange Alignment:**
 - Center the valve between the flanges before tightening bolts.
 - Tighten bolts gradually in a sequence to ensure even pressure distribution.
- **Valve Cycling:**
 - Open and close the valve several times to check that the disc moves freely and the valve is aligned properly.
 - Tighten flange bolts incrementally to secure the valve without distorting the flanges.



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MAINTENANCE AND REPAIR

- **Routine Maintenance:**
 - No regular lubrication is required for this valve type.
 - Inspect the valve periodically for any signs of wear or damage to the disc or sealing surfaces.
 - If the valve shows signs of failure, it should be replaced or repaired promptly.
- **Disassembly Instructions:**
 - Depressurize and drain the pipeline before removing the valve.
 - Ensure the valve is in a safe position (partially open or fully closed) before disassembly
 - If parts show excessive wear, contact the distributor for replacement
- **Assembly/Disassembly**
 - The valve is designed to have no field-replaceable parts. Therefore, no assembly or disassembly is permitted in the field. Should the valve show signs of wear, it must be replaced.

SAFETY NOTES:

- Always ensure the pipeline is depressurized before handling the valve.
- Take care not to over-tighten bolts, as this may lead to flange distortion or improper sealing.
- Valve operation should always be checked by cycling the valve through its range before final installation.

