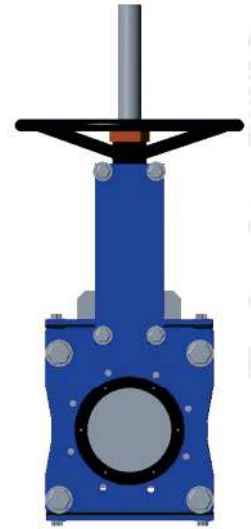


Bi-directional Knife Gate Valve

The UBS-01 model knife gate valves are characterized by their bidirectional wafer 2-piece design, featuring a robust cast bolted construction. These valves come equipped with metal-reinforced rubber sleeves seats, ensuring steadfast performance and durability, particularly in managing slurry applications. Manufactured in strict adherence to industry standards, they are tailored to excel in demanding operational environments.

Key Features of UBS-01 Model Knife Gate Valves:

- Experience the advantages of a full-bore opening, effectively minimizing pressure drops and facilitating maximum fluid flow within the pipeline.
- The valve body incorporates a bottom port, allowing for media discharge and eliminating the accumulation of media at the lower part of the body.
- Replaceable metal-reinforced rubber sleeves are seamlessly integrated, ensuring smooth operation from either direction of flow, while also enhancing maintenance convenience.

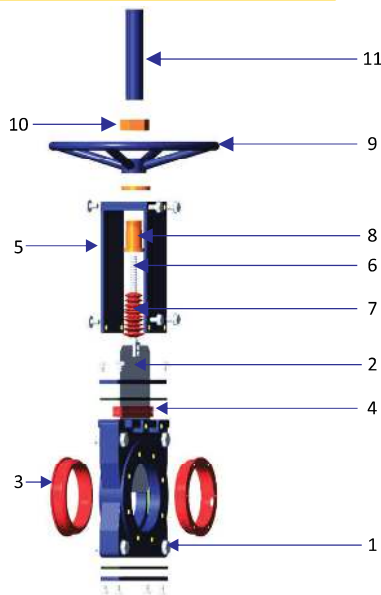


UBS - 01

Standard Technical Data

Standards	<ul style="list-style-type: none"> • Manufacturing: Manufacturers Standard • Face-to-Face: Manufacturers Standard • Testing Standard: MSS SP-81 / MSS SP-151
Flow Suitability	: Bi-directional
Bore opening	: Full bore
Standard Size	: 2" (DN50) to 24" (DN600)
End style	: Wafer two piece bolted
Flange drilling	: ANSI B16.5 150lb / DIN PN 10, other drilling patterns on request
Pressure rating	: 10 bar (150 PSI)
Painting	: Epoxy painted shade black / as per clients requirement.
Testing	<ul style="list-style-type: none"> • Body test-15 bar (225 PSI) • Seat test-10 bar (150 PSI) from either direction of flow

Standard Part List



Components	Constructions
1 Body	Ductile Iron
2 Gate	SS304/SS316
3 Seat/Sleeves	Natural rubber
4 Secondary Seal	EPDM
5 Yoke	Mild steel
6 Stem	SS304
7 Stem Bellows	Leather/Canvas
8 Stem nut	Brass
9 Hand wheel	Ductile Iron
10 Check Nut	Carbon Steel
11 Stem pipe	Mild steel

Note: Contact factory for any other material of constructions.