

Cast Iron Rubber Disc Swing Check Valve



PRODUCT OVERVIEW

Body material:	Ductile cast iron QT450-10
Size range:	DN50 ~ 200mm
Pressure rating:	1.6MPa
Operating temperature:	0 ~ 80°C
End connection:	Flanged
Applicable medium:	Water, Sewage
Mode of operation:	Manual
Applicable industry:	Chemical & Petrochemical, Water & Water treatment, Power generation, Pulp & Paper, Municipal, Heating & Ventilation
Design & Manufacture:	API, ASME, ASTM, ANSI, BS, DIN, JIS, ISO, GB

DESIGN FEATURES

1. The fluid resistance is small, and thus the sealing surface will be less eroded and corroded by the medium.
2. It features shape simple, good manufacturing process, and wide scope of application.
3. The stop block in the valve cavity prevents the valve clack from being opened too high to be closed, making the performance of the whole machine more stable.
4. The flow direction of the medium during installation is consistent with the direction of the arrow on the valve body.

VALVE MATERIAL LIST

Part Name	Part Material
Valve body	Ductile cast iron QT450-10
Bonnet	Ductile cast iron QT450-10
Valve clack	NBR+45+nylon fiber mesh cover
Medium-caliber gasket	NBR
Bolt	35

TECHNICAL SPECIFICATIONS

DN	L	D	D ₁	D ₂	b-f	z-Φd
50	203	165	125	99	19-3	4-Φ19
65	216	185	145	118	19-3	4-Φ19
80	240	200	160	132	19-3	8-Φ19
100	292	220	180	156	19-3	8-Φ19
125	330	250	210	184	19-3	8-Φ19
150	356	285	240	211	19-3	8-Φ23
200	493	340	295	266	20-3	12-Φ23

