

## Series W-H44X-16Q

### Swing Check Valve

#### Size: DN50-DN600

The Watts W-H44X Swing Check Valve is designed to automatically open and close the disc by relying on flow of the medium itself to prevent media backflow. It's generally used in petroleum, chemical industry, metallurgy, water treatment, etc.

#### Features

- Good opening and closing performance under low pressure
- Low head loss
- The disc is coated with rubber, avoiding pollution
- Long service life

#### Pressure-Temperature

- Nominal Pressure: PN16
- Temperature Range: 0°C~80°C

#### Material

Component	Material
Body	Ductile Iron Coated with Epoxy
Bonnet	Ductile Iron Coated with Epoxy
Disc	Ductile Iron Coated with EPDM

#### Operating Principles

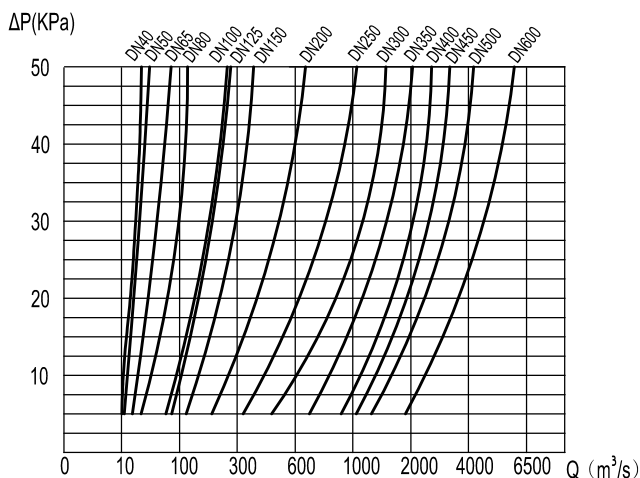
When media flow in specified direction, the disc opens because of the media; when media back flows, the disc automatically closes because of the flow of medium itself, realizing the purpose of preventing media backflow.

#### Installation Dimensions

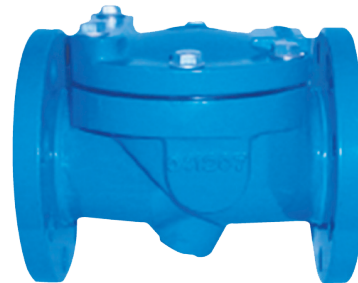
Connection Dimension: GB/T 17241.6

DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
A	203	216	241	292	330	356	495	622	696	787	914	978	978	1295
B	86	100	110	120	140	150	180	251	310	350	380	400	450	520

#### Characteristic Curve



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#### Specification

- Test Standard: GB/T 13927-2008
- Working Medium: Water

#### Typical Application

- Water plant and water source project
- Environmental protection
- Municipal facilities
- Electric power and utilities
- Construction industry
- Petroleum & Chemical industry
- Steel & Metallurgy
- Papermaking industry

