

# Flexible Disc Check Valve

**Model: H44X-16Q**



## Description

The Flexible Disc check valve adopts a full flow area design, which has the characteristics of small head loss, not easy to accumulate debris, and easy maintenance. Prevent pool water from flowing back into the water supply system. Check valves are generally suitable for clean media, not for media containing solid particles and high viscosity.

## Specification

<b>Material</b>	Body	Ductile Iron
	Screw	SS304,Stainless Steel
	Gasket	NBR
	Disc	Ductile Iron,QT450,COVERD BY NBR;
<b>Working pressure</b>	16 bar	

<b>End Connections</b>	Flange
<b>Flange Standard</b>	BS4504 or ANSI 150
<b>Available Size</b>	DN50-DN200

## Installation

Flexible Disc check valve is mainly suitable for horizontal installation of water supply and drainage systems. It can be installed at the outlet of the pump to prevent back flow and water hammer from damaging the pump; it can also be installed on the bypass pipe of the water inlet and outlet pipes of the reservoir.

### Warning:

1. Do not allow the check valve to bear weight in the pipeline. Large check valves should be independently supported so that they are not affected by the pressure generated by the pipeline system.
2. When installing, pay attention to the direction of medium flow should be consistent with the direction of the arrow marked on the valve body.

## Operating

The opening and closing parts of the rubber flap check valve are automatically opened or closed by the flow and force of the medium to prevent the back flow of the medium.