

# Internal Thread Swing Check Valve



## PRODUCT OVERVIEW

Body material:	Gray cast iron HT200
Size range:	DN15 ~ 50mm
Pressure rating:	1.6MPa
Operating temperature:	0 ~ 120°C
End connection:	Threaded
Applicable medium:	Water
Mode of operation:	Manual
Applicable industry:	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, Bonnet	Gray cast iron HT200
Rocker	QT450-10
Rocker Shaft	35. Stainless steel
Medium-caliber, Gasket	XB300
Pin shaft	35. Stainless steel
Valve clack	Brass

## TECHNICAL SPECIFICATIONS

Model	G	L	H
H14T-16	1/2	65	43
	3/4	75	48
	1	90	57
	1 1/4	105	72
	1 1/2	120	78
	2	140	94

