

Cast Iron Internal Thread Non-Rising Stem Gate Valve



PRODUCT OVERVIEW

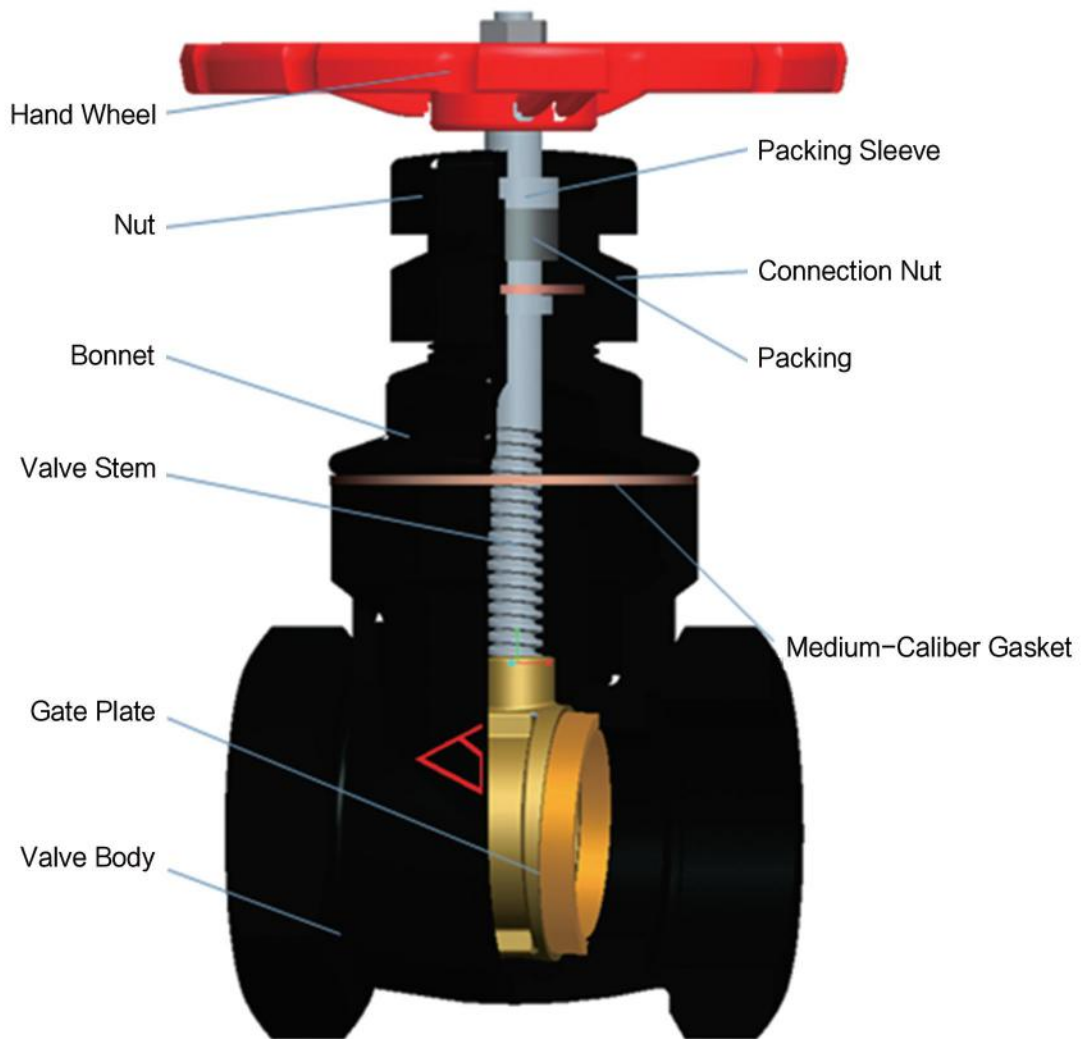
Body material:	Gray cast iron HT200
Size range:	DN15 ~ 100mm
Pressure rating:	1.6MPa
Operating temperature:	-10 ~ 100°C
End connection:	Threaded
Applicable medium:	Water
Mode of operation:	Manual
Applicable industry:	Water & Water treatment, Power generation, Pulp & Paper, Municipal, Heating & Ventilation
Design & Manufacture:	API, ASME, ASTM, ANSI, BS, DIN, JIS, ISO, GB

DESIGN FEATURES

1. The valve has a simple form and structure, showing excellent manufacturing technologies. It also has a wide scope of application and can be installed easily.
2. It has a reasonable, compact structure, a small size and a wedge valve gate, which can automatically compensate for the valve body deformation caused by abnormal loads or temperature during operation. Its sealing is also safe and reliable.
3. The medium can flow in any direction through either side of the gate valve to fulfill the purpose of connection or cutting off.

VALVE MATERIAL LIST

Part Name	Part Material
Valve body, Bonnet, Connecting nut, Nut	Gray cast iron HT200
Gate plate	DN15-50: Copper
	DN65-100: Gray cast iron HT200
Hand wheel	DN15-50: Q235
	DN65-100 gray cast iron: HT200
Stem nut	QT450-10/Copper (only for DN65-100)
Valve stem	2Cr13/Q235/Copper
Medium-caliber gasket	XB300
Packing	DN15-20: Polytetrafluoroethylene
	DN25-65: flexible graphite
	DN80-100: nitrile rubber
Valve body sealing ring	Copper (only for DN15-50)



TECHNICAL SPECIFICATIONS

G	Size(mm)		
	L	H	D ₀
1/2	60	100	60
3/4	70	114	60
1	80	125	80
1 1/4	85	145	80
1 1/2	95	161	100
2	110	190	100
2.5	120	210	145
3	140	240	180
4	165	287	180

