

# Cast Iron Flanged Rising Stem Gate Valve



## PRODUCT OVERVIEW

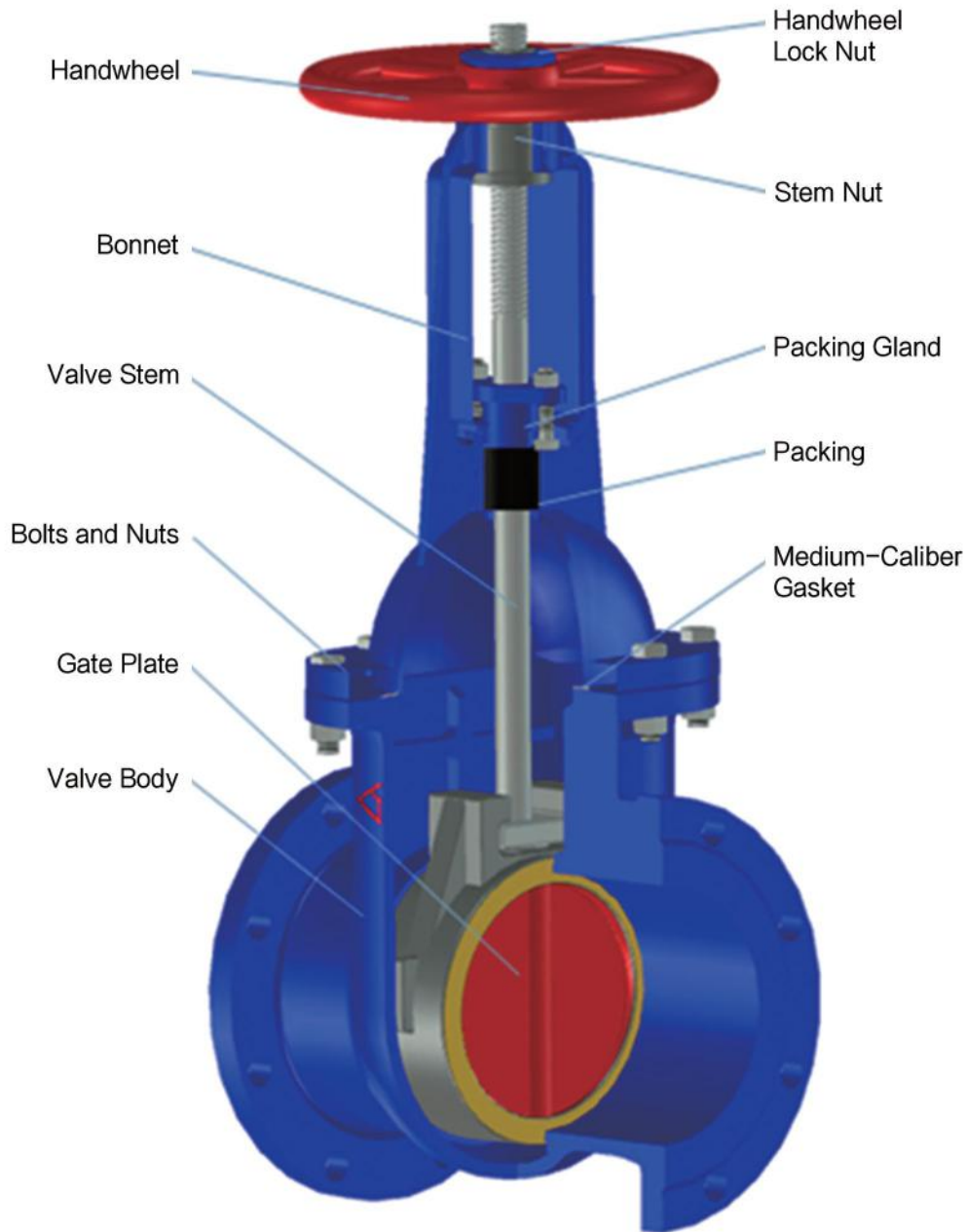
Body material:	Gray cast iron
Size range:	DN50 ~ 600mm
Pressure rating:	1.0 ~ 1.6MPa
Operating temperature:	-10 ~ 120°C
End connection:	Flanged
Applicable medium:	Water, Sewage, Oil
Mode of operation:	Manual
Applicable industry:	Water & Water treatment, Power generation, Pulp & Paper, Municipal, Heating & 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, Gate plate, Bonnet, Packing gland, Hand wheel	HT200/QT450-10
Stem nut	QT450-10/Copper
Valve stem	Q235/2Cr13/Copper
Medium-caliber gasket	XB300
Packing	Flexible graphite
Bolts, Nuts	25/35





## TECHNICAL SPECIFICATIONS

DN	Size(mm)							
	L	D	D <sub>1</sub>	D <sub>2</sub>	b-f	z-Φd	H	D <sub>0</sub>
40	165	145	110	85	17-2	4-Φ19	245	140
50	178	165	125	100	19-2	4-Φ19	286	180
65	190	185	145	120	19-2	4-Φ19	320	180
80	203	200	160	135	21-2	8-Φ19	373	200
100	229	220	180	155	21-2	8-Φ19	428	200
125	254	245	210	185	23-2	8-Φ18	513	240
150	267	280	240	210	24-3	8-Φ23	582	240
200	330	335	295	265	26-3	12-Φ23	730	320
250	380	405	355	320	27-3	12-Φ25	897	320
300	420	460	410	375	27-3	12-Φ25	1032	400
350	450	520	470	435	28-3	16-Φ25	1170	400
400	480	580	525	485	31-3	16-Φ30	1330	500
450	510	640	585	545	32-4	20-Φ30	1460	500
500	540	705	650	608	33-3	20-Φ34	1727	500
600	600	840	770	718	36-5	20-Φ41	2072	500

