

# Electric Flanged Non-Rising Stem Gate Valve



## PRODUCT OVERVIEW

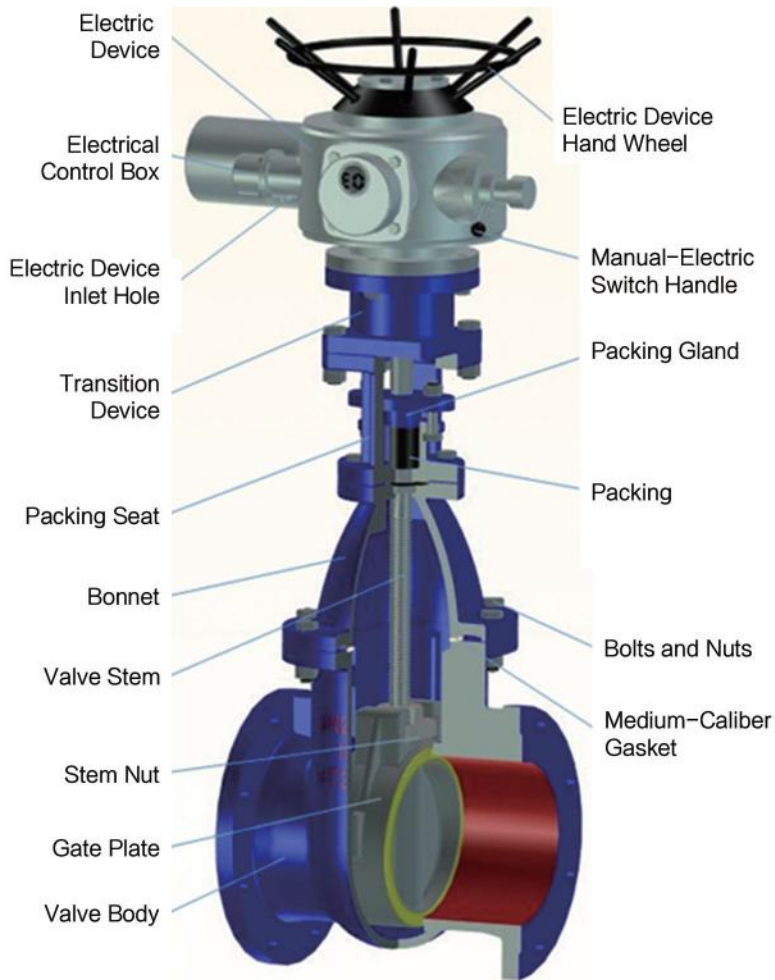
Body material:	Gray cast iron/Ductile cast iron
Size range:	DN50 ~ 1600mm
Pressure rating:	1.0 MPa
Operating temperature:	-10 ~ 100°C
End connection:	Flanged
Applicable medium:	Water, Sewage, Oil
Mode of operation:	Electric
Applicable industry:	Water & Water treatment, Power generation, Pulp & Paper, Municipal, Heating & Ventilation
Design & Manufacture:	API, ASME, ASTM, ANSI, BS, DIN, JIS, ISO, GB

## DESIGN FEATURES

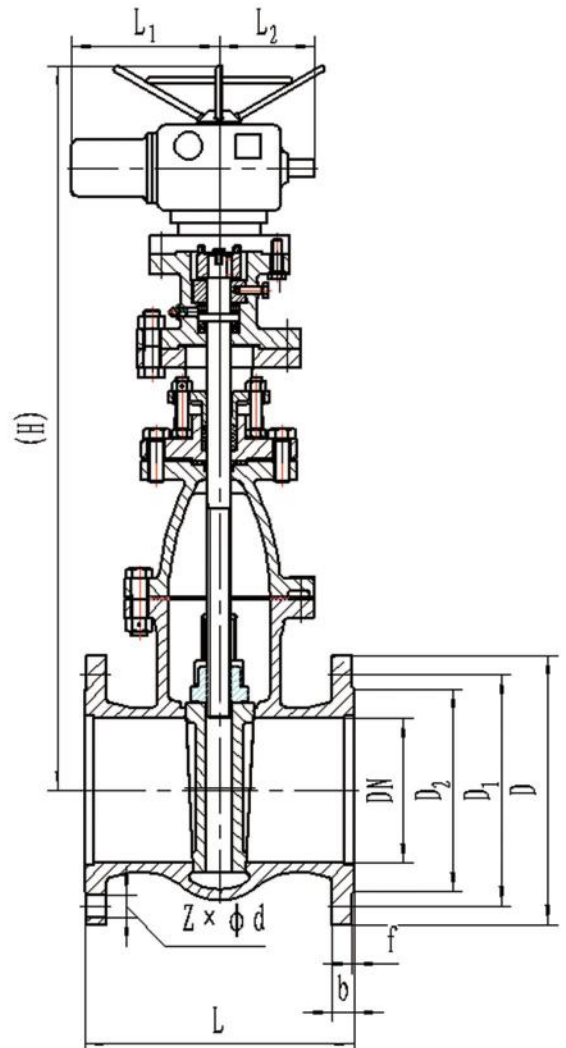
1. The valve has a simple form and structure, showing excellent manufacturing technologies. It also has a wide scope of application and can be installed easily.
2. It has a reasonable, compact structure, a small size and a wedge valve gate, which can automatically compensate for the valve body deformation 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.
4. When opening and closing, the movement direction of the valve gate is perpendicular to the flow direction of the medium. Compared with the stop valve, the opening and closing of the gate valve is more labor-saving.

## VALVE MATERIAL LIST

Part Name	Part Material
Valve body, Gate plate, Bonnet, Packing seat, Packing gland	Gray cast iron
Stem nut	QT450-10/Copper
Valve stem	Cr13/Q235/Copper
Medium-caliber gasket	XB300
Packing	Flexible graphite
Bolts, Nuts	25/35



Note: Different electric devices are required for different actual operating conditions. In order to select applicable electric devices, please specify in the order whether the devices are used under indoor or outdoor operating condition, and whether explosion-proof is necessary or not.





## TECHNICAL SPECIFICATIONS

Model	DN	L	D	D <sub>1</sub>	D <sub>2</sub>	b-f	Z-Φd	(H)	L <sub>1</sub>	L <sub>2</sub>	
Z945T/W-10	50	178	160	125	100	19-2	4-Φ18	620	290	230	
	65	190	180	145	120	19-2	4-Φ18	740	290	230	
	80	203	195	160	135	21-2	4-Φ18	784	290	230	
	100	229	215	180	155	21-2	8-Φ18	757	325	230	
	125	254	245	210	185	23-2	8-Φ18	835	325	230	
	150	280	267	280	240	210	24-3	8-Φ23	880	325	230
	200	330	292	335	295	265	26-3	8-Φ23	1030	385	230
	250	380	330	390	350	320	27-3	12-Φ23	1140	385	230
	300	420	356	440	400	368	27-3	12-Φ23	1250	385	230
	350	450	500	460	428	28-3	16-Φ23	1350	385	230	
	400	480	565	515	484	31-3	16-Φ25	1640	440	290	
	450	510	615	565	532	32-4	20-Φ25	1690	440	290	
	500	540	670	620	585	33-3	20-Φ25	1658	460	290	
	600	600	780	725	685	36-5	20-Φ30	1820	460	290	
	700	660	895	840	800	40-5	24-Φ30	2020	490	290	
	800	720	1010	950	905	44-5	24-Φ34	2400	490	290	
	1000	840	1220	1160	1115	50-5	28-Φ34	2600	500	310	
	1200	960	1445	1380	1328	56-5	28-Φ34	3096	580	320	
1400	1080	1675	1590	1530	62-5	36-Φ43	3600	580	320		
1600	1000	1915	1820	1750	68-5	40-Φ49	3800	605	320		