

Wedge Double Plate Coal Gas Gate Valve



PRODUCT OVERVIEW

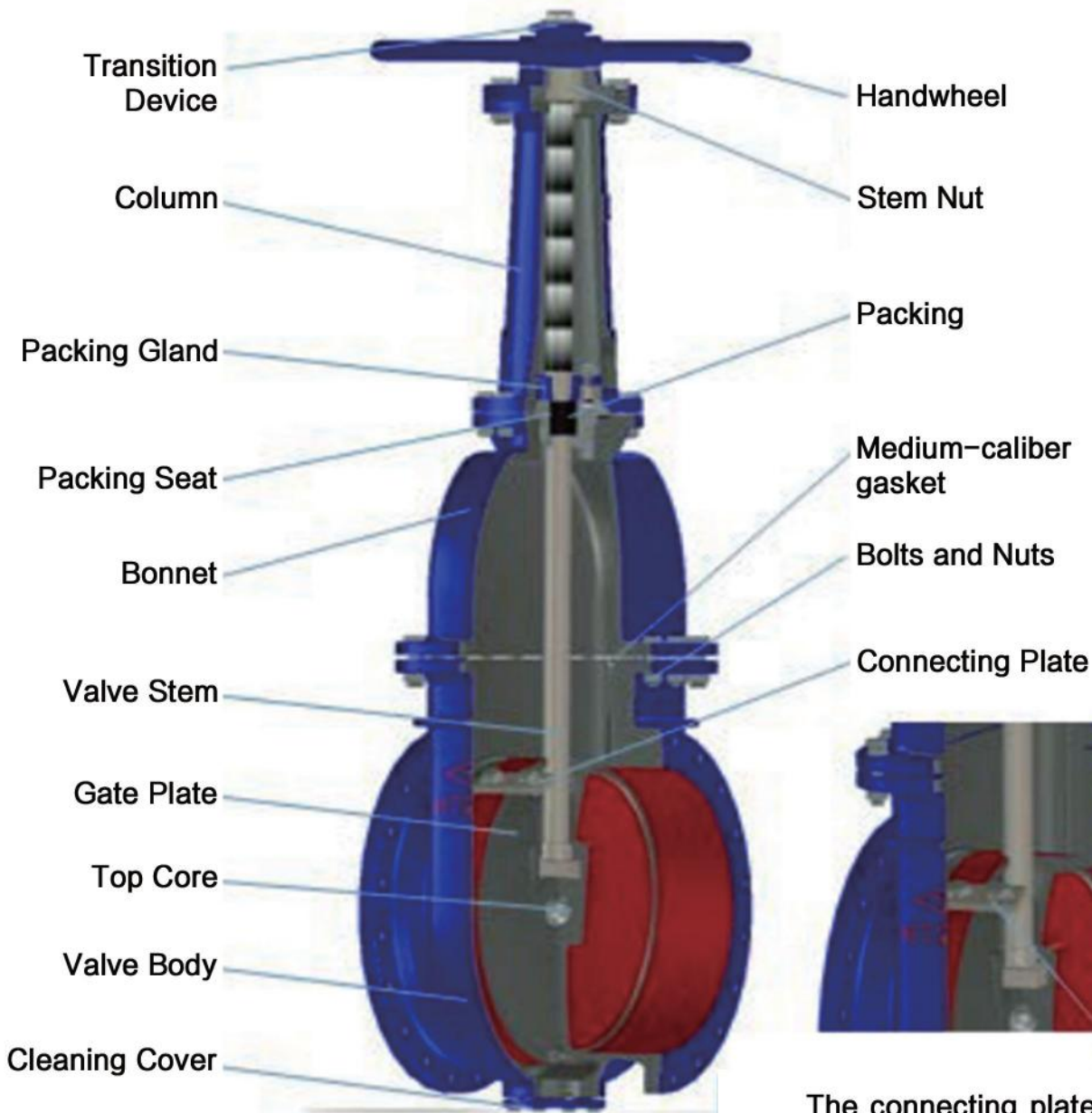
Body material:	Gray cast iron HT200
Size range:	DN300 ~ 700mm
Pressure rating:	0.1MPa
Operating temperature:	-10~ 100°C
End connection:	Flanged
Applicable medium:	Urban coal gas, Oil
Mode of operation:	Manual
Applicable industry:	Municipal, Mining & Minerals, Chemical & Petrochemical
Design & Manufacture:	API, ASME, ASTM, ANSI, BS, DIN, JIS, ISO, GB

DESIGN FEATURES

1. The valve is of small fluid resistance, and the sealing surface is less brushed and corroded by the medium.
2. It is labor-saving to open and close. For the movement direction of the gate plate is perpendicular to that of the medium flow during valve opening and closing, so the opening and closing of the gate valve is more labor-saving than the stop valve.
3. It is simple in shape, good in manufacturing process, and wide in the scope of application.
4. The flow direction of the medium is not restricted. The medium can flow in any direction from both sides of the gate valve for the purpose of switching on or off.

VALVE MATERIAL LIST

Part Name	Part Material
Valve body, Gate plate, Bonnet, Column	Grey cast iron
Bracket, Packing gland, Stuffing box, Top core, Cleaning cover	Grey cast iron
Stem nut	QT450-10/Copper
Valve stem	2Cr13
Medium-caliber gasket	NBR
Connecting plate	304
Packing	Flexible graphite
Bolts, Nuts	25/35



The connecting plate works to adjust the gap of gate plate. The bolts at the connecting plate cannot be tightened.

TECHNICAL SPECIFICATIONS

Model	DN	Size(mm)							
		L	D	D1	D2	b	f	H	Z-Φd
Z42W-1	300	330	435	395	362	24	3	1050	12-Φ23
	350	330	485	445	412	26	3	1180	12-Φ23
	400	330	535	495	462	28	3	1280	16-Φ23
	450	330	590	550	518	28	3	1450	16-Φ23
	500	350	645	600	568	30	4	1575	20-Φ23
	600	390	755	705	667	30	5	1860	20-Φ26
	700	430	860	810	772	32	5	2105	24-Φ26

