

# Non-Rising Stem Parallel Double Plate Coal Gas Gate Valve



## PRODUCT OVERVIEW

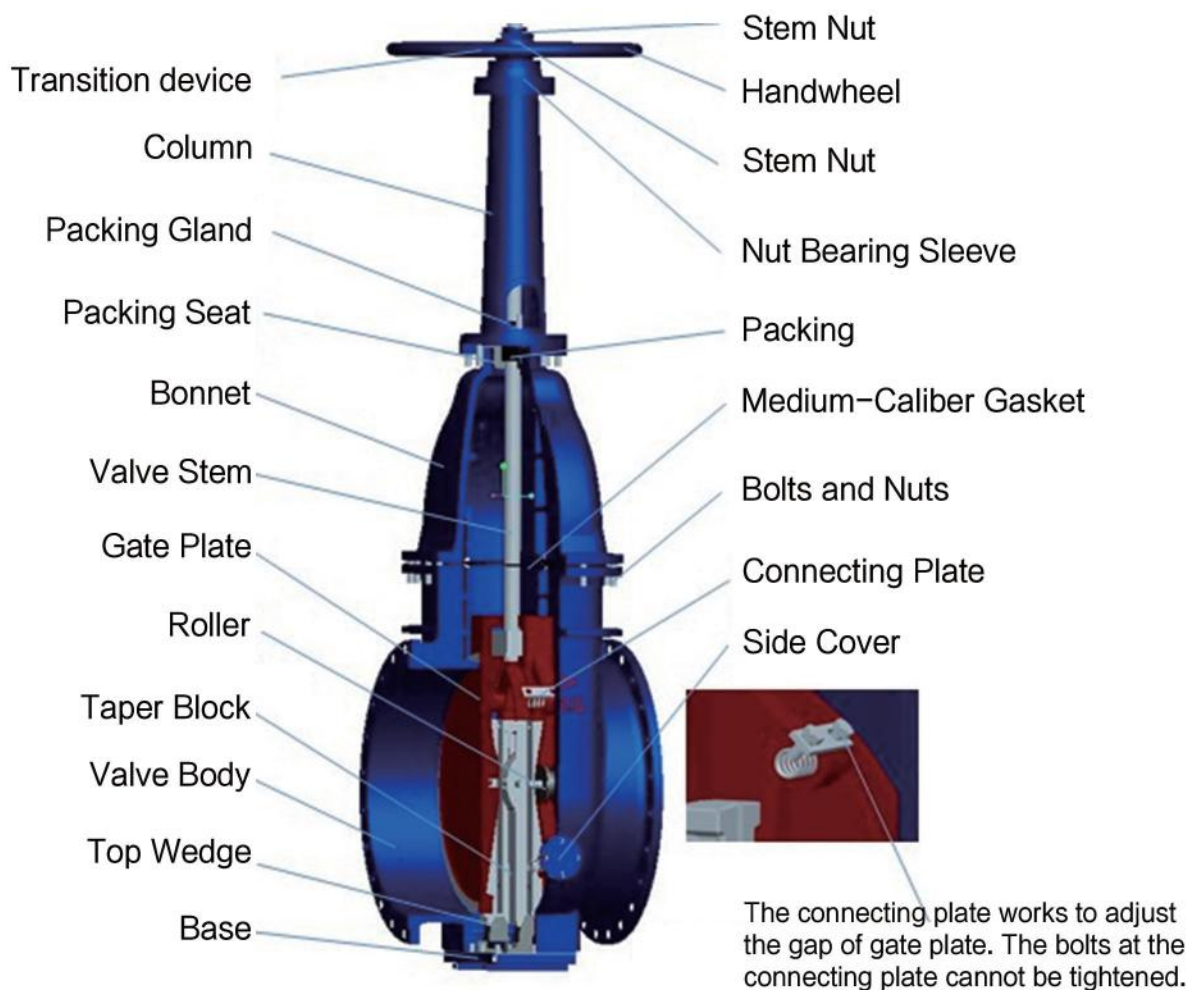
Body material:	Gray cast iron HT200
Size range:	DN500 ~ 700mm
Pressure rating:	0.2 MPa
Operating temperature:	-10 ~ 100°C
End connection:	Flanged
Applicable medium:	Urban coal gas, Oil
Mode of operation:	Manual
Applicable industry:	Municipal, Mining & Minerals, Chemical & Petrochemical
Design & Manufacture:	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	Material
Valve body, Gate plate, Bonnet, Column, Handwheel	Grey cast iron HT200
Support, Packing gland, Stuffing box, Top wedge, Base	Grey cast iron HT200
Stem nut	QT450-10 / copper
Valve stem	2Cr13
Medium-caliber gasket	NBR
Junction plate	304
Packing	Flexible graphite
Bolts, nuts	25/35



## TECHNICAL SPECIFICATIONS

Model	DN	Size(mm)							
		L	D	D <sub>1</sub>	D <sub>2</sub>	b	f	H	Z-Φd
MZ44W-2	500	457	645	600	568	30	4	1650	20-23
	600	508	755	705	667	32	4	1920	20-26
	700	610	860	810	772	32	4	2180	24-26

