

# Bevel Gear Parallel Double Plate Coal Gas Gate Valve



## PRODUCT OVERVIEW

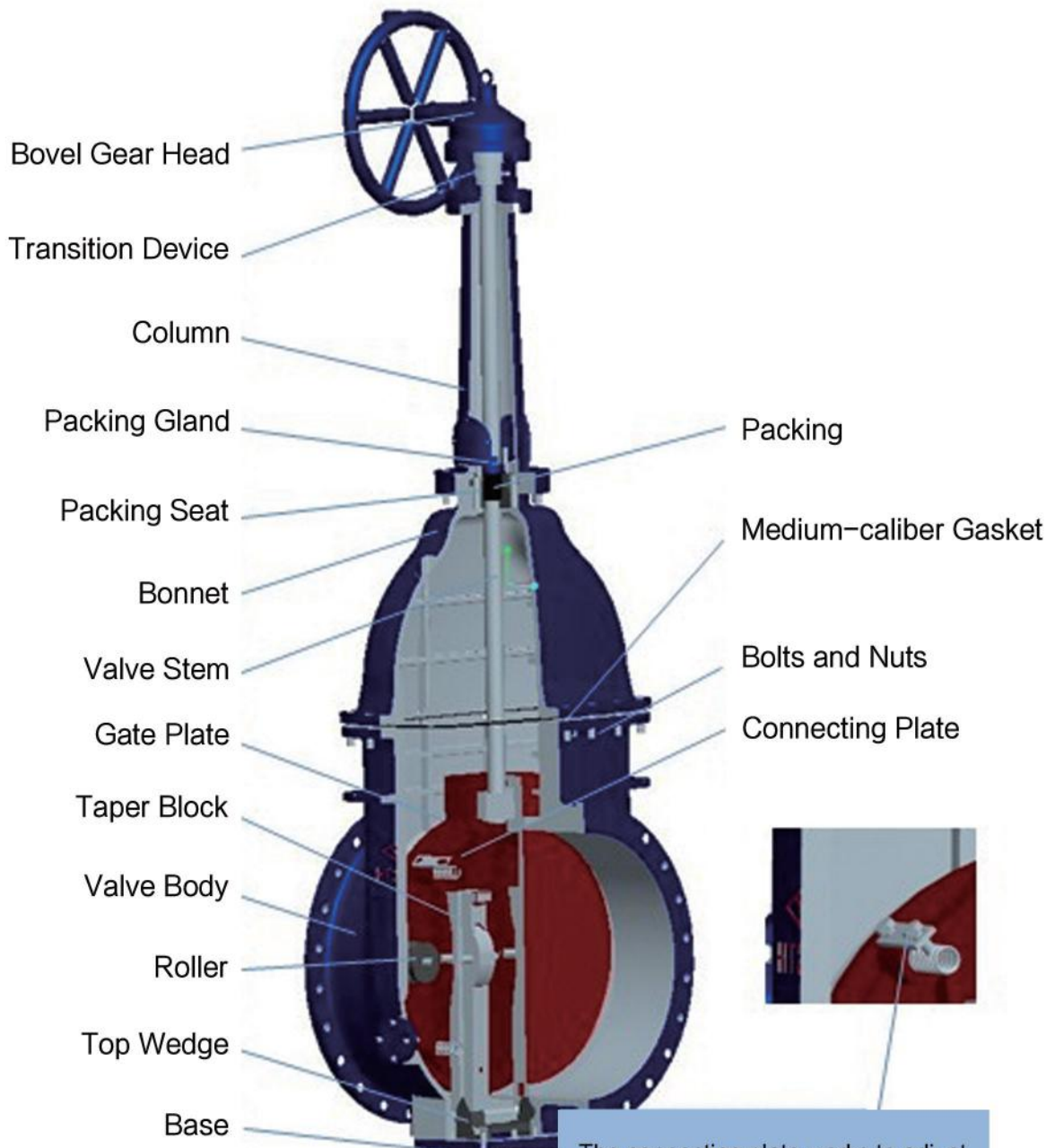
Body material:	Gray cast iron HT200
Size range:	DN500 ~ 1600mm
Pressure rating:	0.1 ~ 0.2MPa
Operating temperature:	-10~ 100°C
End connection:	Flanged
Applicable medium:	Urban coal gas, Oil
Mode of operation:	Manual
Applicable industry:	Municipal, Mining & Minerals, Chemical & Petrochemical
Design & 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	Gray cast iron HT200
Bracket, Packing gland, Stuffing box, Top wedge, Base	Gray cast iron HT200
Stem nut	45/copper
Stem	2Cr13
Medium-caliber gasket	NBR
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	D <sub>1</sub>	D <sub>2</sub>	b	f	Z-Φd	H	(H <sub>1</sub> )
Z542W-1	500	350	645	600	568	30	4	20-23	1560	2200
	600	390	755	705	667	32	4	20-26	1800	2550
	700	430	860	810	772	32	5	24-26	2051	2900
	800	470	975	920	878	34	5	24-31	2330	3300
	900	510	1075	1020	978	36	5	24-31	2590	4650
	1000	550	1175	1120	1078	36	5	28-31	2860	4000
	1200	700	1405	1340	1295	40	5	32-34	3380	4740
	1400	900	1630	1560	1510	44	5	36-37	3890	5480
	1600	1000	1830	1760	1710	48	5	40-37	4410	6190

