

Worm Gear Flanged Concentric Butterfly Valve

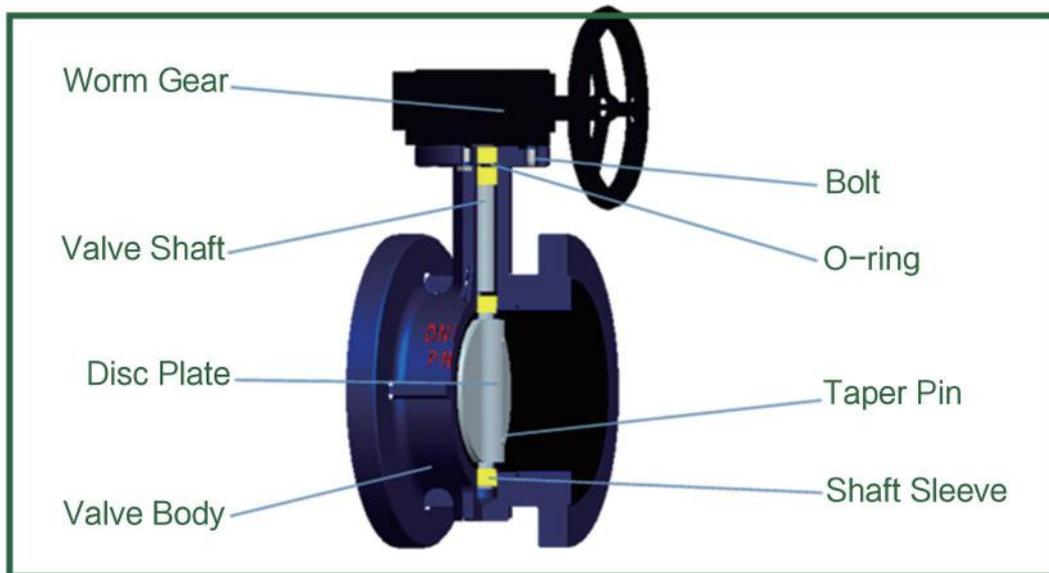


PRODUCT OVERVIEW

Body material:	Gray cast iron/ Ductile cast iron
Size range:	DN50 ~ 800mm
Pressure rating:	1.0 ~ 1.6MPa
Operating temperature:	0 ~ 80°C
End connection:	Flanged
Applicable medium:	Water, Sewage
Mode of operation:	Manual
Applicable industry:	Water & Water Treatment, Power Generation, Pulp & Paper, Municipal
Design & Manufacture:	API, ASME, ASTM, ANSI, BS, DIN, JIS, ISO, GB

DESIGN FEATURES

1. This valve is flanged. This valve is composed of a valve body, a disc plate, a valve shaft, a worm gear head and other parts.
2. By operating the worm gear, the valve shaft rotates 90° , and drives the disc plate to rotate 90° for opening or closing. Due to the characteristics of the worm gear, the flow can be adjusted arbitrarily.



VALVE MATERIAL LIST

Part Name	Part Material
Body	Gray cast iron+NRB, Nodular cast iron +NRB/EPDM
Disc plate	QT450-10
Valve shaft	45/2Cr13
O-ring	NBR/EPDM

TECHNICAL SPECIFICATIONS

DN	L	D		D1		b-f	z-φd	
		10	16	10	16		10	16
50	108	160		125		19-3	4-φ18	
65	112	180		145		19-3	4-φ18	
80	114	195		160		19-3	8-φ18	
100	127	215		180		19-3	8-φ18	
125	140	245		210		19-3	8-φ18	
150	140	280		240		19-3	8-φ23	
200	152	335		295		20-3	8-φ23	12-φ23
250	165	390	405	350	355	22-3	12-φ23	12-φ28
300	178	440	460	400	410	24.5-4	12-φ23	12-φ28

