



Type: Grooved
Face to Face: MSS SP-67
End: ANSI/AWWA C606
Mounting Flange: ISO5211

Working Pressure: PN16(200PSI)
Application: Water Supply & Sewage,
Chemical/Petrochemical/Processing,
Power and Utilities, Paper and Pulp

Shaft

Two stub shaft design allows the disc to float within the flow-way increasing cycle life.

Mounting Flange

ISO5211 mounting flange accommodates direct mounting of all types of actuators, including: handles, gear operators, electric and pneumatic.

Shaft Seal

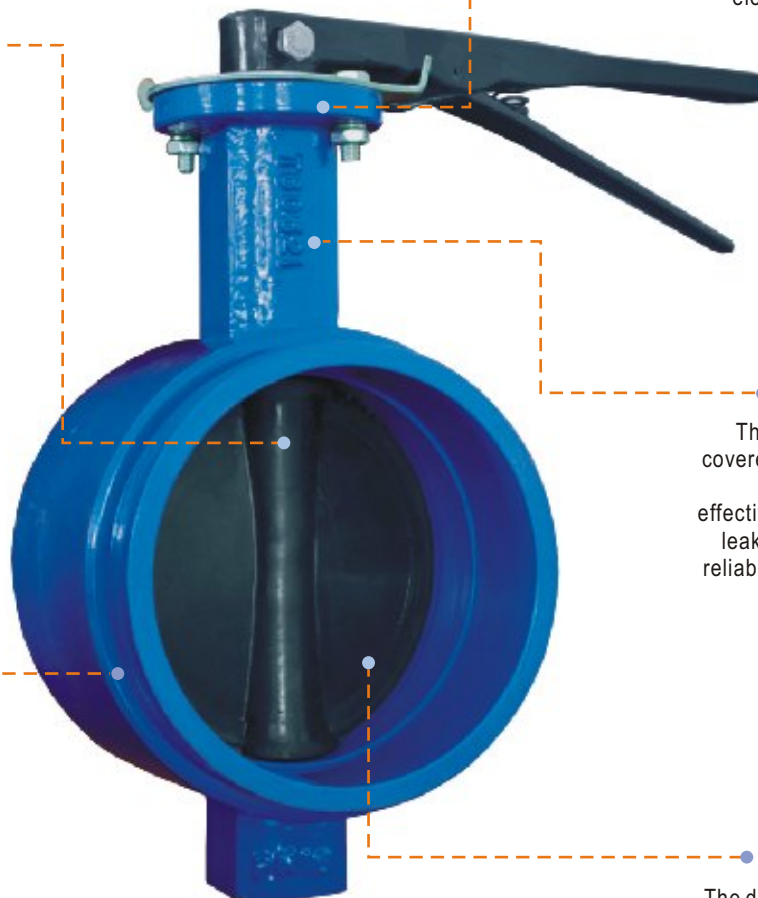
The shaft is sealed and covered by the O-Ring and bushing, which can effectively prevent medium leakage and improve the reliability of maintenance.

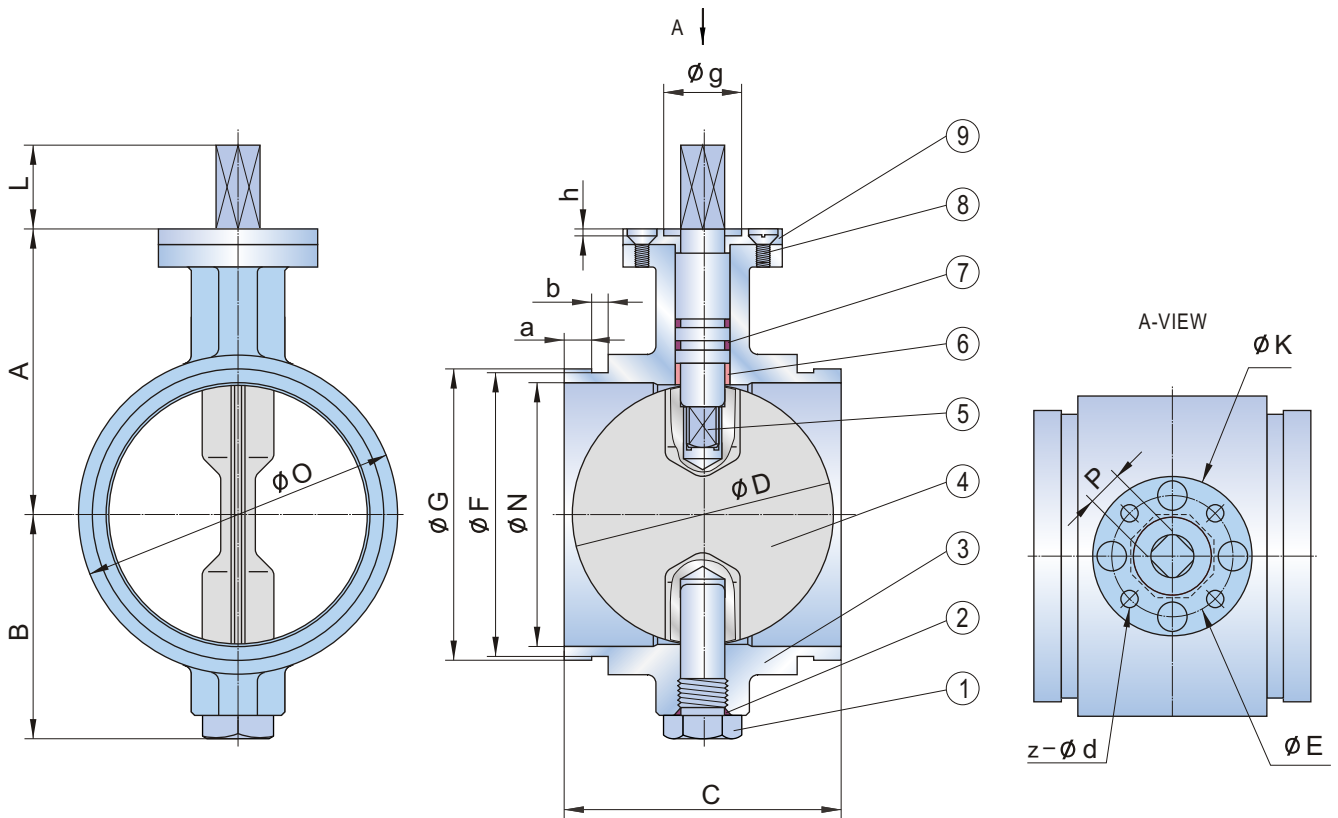
Body

The grooved end body design greatly reduces the installation weight of the valve, and allows quick installation and easy maintenance.

Disc /Seat

The disc is made of ductile iron fully lined with rubber. Precision profile provides bubble-tight shut-off.





STANDARD MATERIALS OF MAIN PARTS

ITEM	PART NAME	MATERIAL
1	Lower Shaft	Stainless Steel 410
2	O Ring	NBR, EPDM
3	Body	Cast Iron, Ductile Iron
4	Disc	Ductile Iron+NBR/EPDM
5	Upper Shaft	Stainless Steel 410
6	Bushing	PTFE
7	O Ring	NBR, EPDM
8	Screw	Carbon Steel Zinc Plated
9	Cover	Carbon Steel Nickel Plated

DIMENSIONS AND WEIGHTS

SIZE		A	B	C	D	L	P	UPPER FLANGE					O	G	F	N	O	P	Weight (kg)
in	DN							K	E	z-d	g	h							
2	50	119	63	81	51.1	32	9	90	70	4-9	55	3	71	60.3	57.15	50	15.88	7.93	1.8
2-1/2	65	125.5	68.5	96.8	63.2	32	9	90	70	4-9	55	3	77	73.0	69.09	61	15.88	7.93	2.2
3	80	131.5	80	96.8	76.0	32	9	90	70	4-9	55	3	101	88.9	84.94	80	15.88	7.93	2.7
4	100	151	94	115.8	99.5	32	11	90	70	4-9	55	3	126	114.3	110.08	101	15.88	9.53	4.5
5	125	171.5	108	147.6	126.0	32	14	90	70	4-9	55	3	146	114.3	137.03	127	15.88	9.53	7.6
6	150	183	123	147.6	150.3	32	14	90	70	4-9	55	3	180	168.3	163.96	150	15.88	9.53	9.6
8	200	205.4	149.4	133.4	200.6	41	17	125	102	4-12	70	3.5	238	219.1	214.4	202	19.1	11.1	14.7
10	250	250	186	158.8	250.7	41	22	125	102	4-12	70	3.5	292	273.1	268.28	253	19.1	12.7	24.7
12	300	275	213	165.1	301.0	41	22	125	102	4-12	70	3.5	342	323.9	318.29	303	19.1	12.7	34.5

NOTE: Shaft head types of double D head and round with key are optional.