Type:	Wafer, Lugged
Face to Face:	API609, BS EN 558, DIN3202, ISO 5752
Flange:	DIN, BS, UNI, ISO, ANSI, AS, JIS
Mounting Flange:	ISO5211

Working Pressure:	DN40-150: PN16(200PSI) DN200 & above: PN10(150PSI)
Application:	HVAC, Water Supply & Sewage, Food & Beverage, Chemical/Petrochemical/Processing, Power and Utilities, Paper and Pulp, Ship Building

Weather Seal

Top bushing keeps dust and moisture from entering the upper shaft journal.

Shaft

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

Bushings (6)

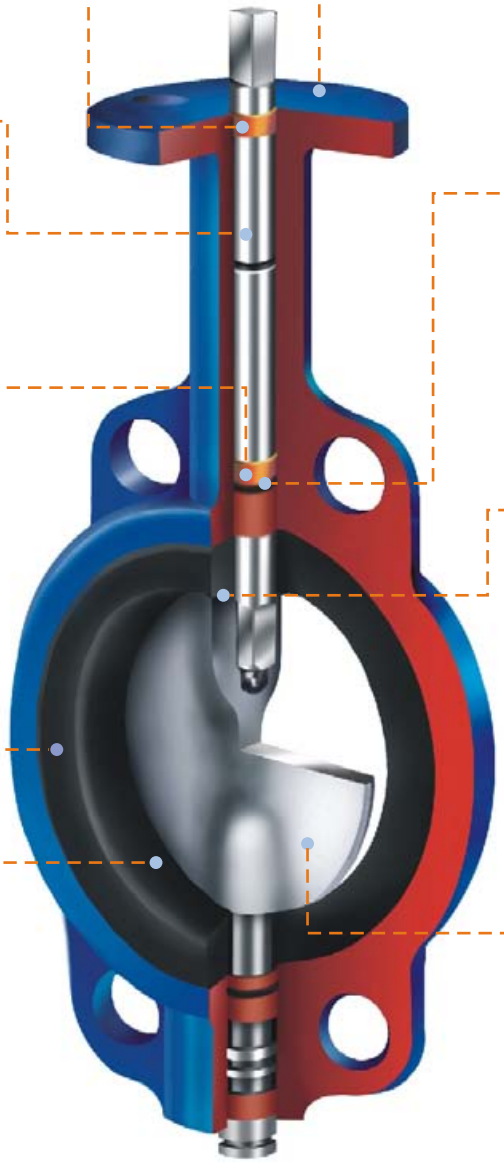
Shaft bushings reduce torque and isolate the shaft from the valve body, preventing seizure of the shaft due to corrosion in the shaft journal.

Seat Face

Seat to flange seal eliminates the need for flange gaskets.

Seat

Phenolic-backed seat is non-collapsible, stretch resistant, blow out proof, and field replaceable.



Mounting Flange

ISO 5211 mounting flange accommodates direct mounting of all types of actuators, including: handles, gear operators, electric and pneumatic.

O-Ring (2)

Shaft seal provides further assurance against stem leakage.

Hub Seal

Smooth finished disc flats mate with seat flats to give a highly efficient primary seal that prevents leakage into the shaft area.

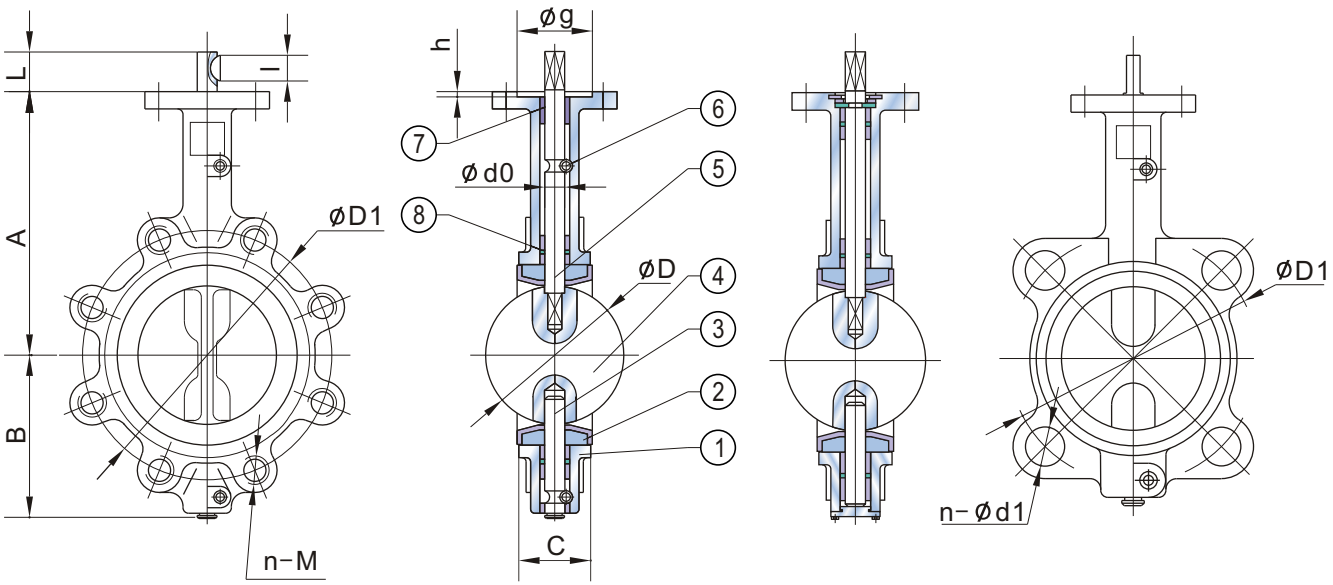
Disc

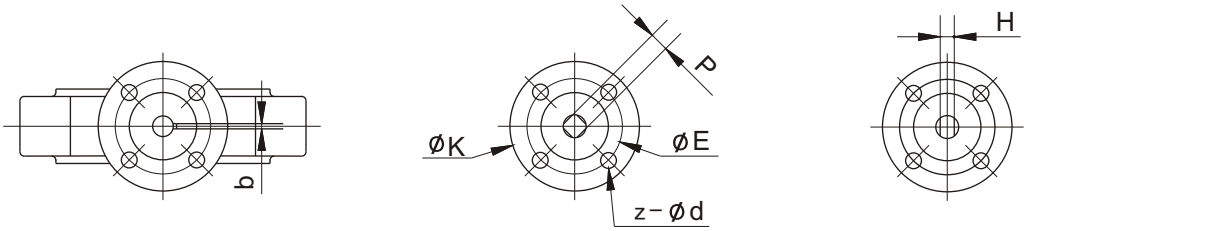
Precision profile provides bubble-tight shut-off, assures minimum torque and longer seat life. Maximum flow is achieved.

LUG TYPE
Series 200L

14" & Large

WAFER TYPE
Series 200W





ROUND WITH KEY

DIAGONAL SQUARE HEAD

DOUBLE D HEAD

STANDARD MATERIALS OF MAIN PARTS

ITEM	PART NAME	MATERIAL
1	Body	Cast Iron, Ductile Iron, Carbon Steel, Stainless Steel
2	Seat	NBR, EPDM, PTFE, Viton, Neoprene, Hypalon, Silicon
3	Lower Shaft	Stainless Steel 410, 316, 17-4PH
4	Disc	Ductile Iron+Ni (Nylon/Epoxy), CF8, CF8+PTFE(PFA), CF8M, CF8M+PTFE(PFA), Bronze
5	Upper Shaft	Stainless Steel 410, 316, 17-4PH
6	Locating Pin	Carbon Steel
7	Bushing	PTFE
8	O Ring	NBR, EPDM

DIMENSIONS AND WEIGHTS

SIZE		A	B	C	D	L	d0	P	H	KEY	UPPER FLANGE					ANSI 150			DIN PN10/16			Weight (kg)	
in	DN									bXl	K	E	z-d	g	h	D1	n-d1	M	D1	n-d1	M	Wafer	Lug
2	50	161	80	42	52.6	32	12.6	9	10	3X16	77	50	4-7	35	3	120.5	4-19	5/8"	125	4-18	M16	2.5	3.8
2-1/2	65	175	89	44.7	64.5	32	12.6	9	10	3X16	77	50	4-7	35	3	139.5	4-19	5/8"	145	4-18	M16	3.2	4.2
3	80	181	95	45.2	78.8	32	12.6	9	10	3X16	77	50	4-7	35	3	152.5	4-19	5/8"	160	4/8-18	M16	3.8	4.7
4	100	200	114	52.1	104	32	15.77	11	12	5X19	90	70	4-9	55	3	190.5	8-19	5/8"	180	8-18	M16	4.9	9.0
5	125	213	127	54.4	123.3	32	18.92	14	14	5X19	90	70	4-9	55	3	216	8-22	3/4"	210	8-18	M16	7	10.9
6	150	226	139	55.8	155.6	32	18.92	14	14	5X19	90	70	4-9	55	3	241.5	8-22	3/4"	240	8-23	M20	7.8	14.2
8	200	260	175	60.6	202.5	45	22.1	17	17	5X19	125	102	4-12	70	3.5	298.5	8-22	3/4"	295	8/12-23	M20	13.2	18.2
10	250	292	203	65.6	250.5	45	28.45	22	22	8X28	125	102	4-12	70	3.5	362	12-25	7/8"	350/355	12-23/27	M20/M24	19.2	26.8
12	300	337	242	76.9	301.6	45	31.6	22	24	8X28	140	102	4-12	70	3.5	432	12-25	7/8"	400/410	12-23/27	M20/M24	32.5	40
14	350	368	267	75.6	333.3	45	31.6	22	24	8X28	140	102	4-12	-	-	476	12-29	1"	460/470	16-23/27	M20/M24	41.3	56
16	400	400	309	86.5	389.6	51.2	33.15	24	24	10X50	197	140	4-18	-	-	540	16-29	1"	515/525	16-27/30	M24/M27	61	96

NOTE: The type of key for size 16" is flat.