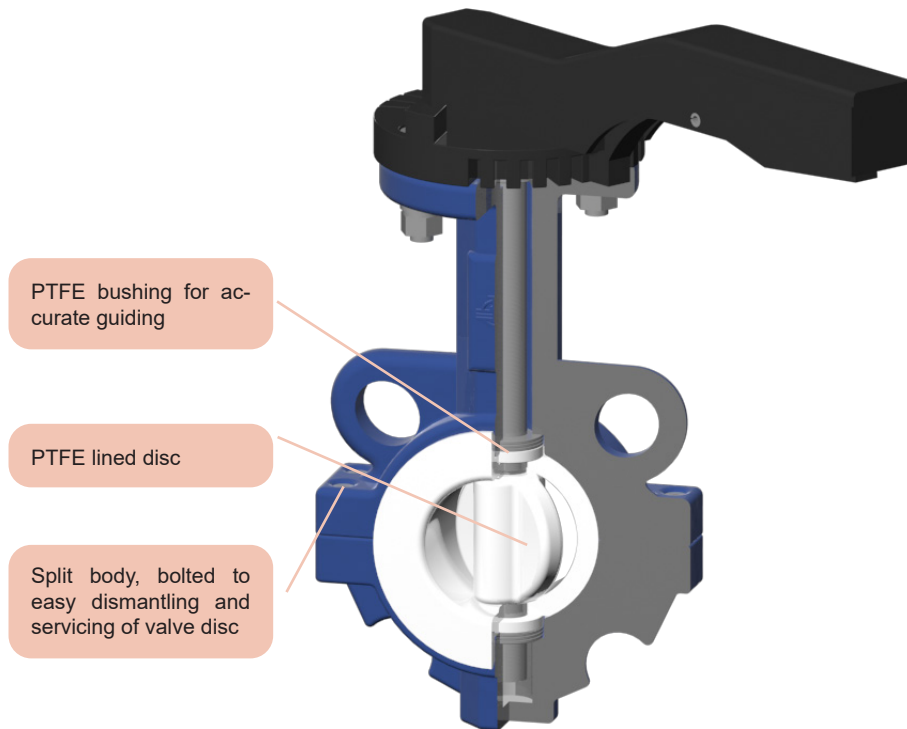


Design attributes

Concentric Butterfly Valves are quarter turn rotary valves, bidirectional, with rubber or fluoropolymer seat, for stopping or regulating the flow of the service fluid when necessary. A metal disc is positioned in the centre of the valve. The plate has a rod (stem) through it connected to an actuator device (handwheel, gear, etc.) on the outside of the valve. The valve closes by turning the disc clockwise and is open when the lever is parallel to the pipe. Valves are provided with epoxy paint against environmental aggression. They are of simple design, light weight and volume and offer a quick operation with full seat tightness, being widely used in many applications with significant savings in space and investment costs for installation.



Main Features

Nominal pressure: PN10
Face to face length: EN558 S20
Valve end connections: Wafer type to be installed between welding neck flanges EN1092-1/2 type 11/B PN10
Marking: EN19
Pressure Tests: EN12266-1
Seat leakage rate: Rate A (full seat tightness in both directions)
Inside and outside epoxy coating protection blue color similar to RAL5005. Min. average thickness 250 microns

Main Duties / Limits of use

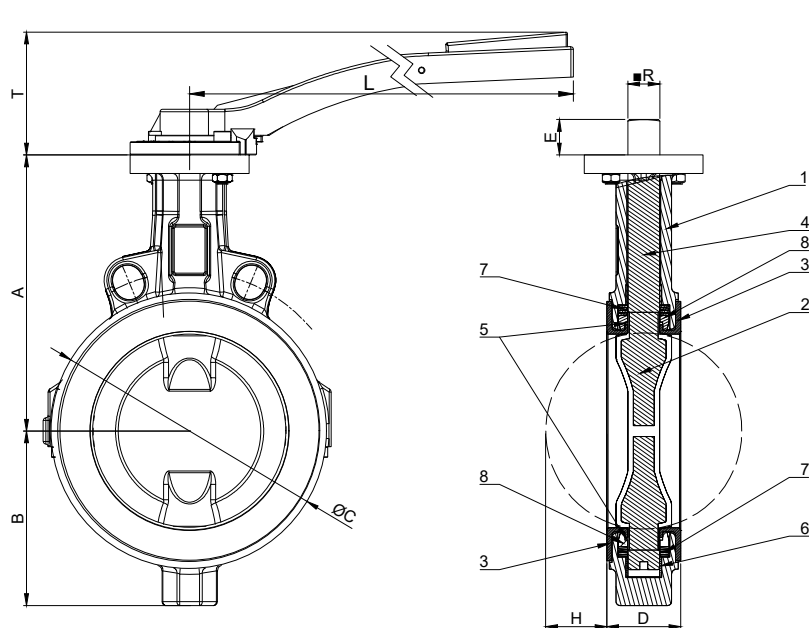
Fresh water, neutral liquids and neutral gases. Questions referring to chemical resistance, please consult us
PN10; TS: -5/110°C

Options

Other designs and approvals, limit switches, different actuation. Please consult us

Wafer type VF705

Main parts and materials



No.	Part	Material
1	BODY	Ductile Iron
2	DISC	WCB+PTFE
3	LINER	PTFE
4	STEM	SS420
5	O-RING	FKM
6	BEARING	SS304+PTFE
7	BELLEVILLE WASHER	SS304
8	PUSHER	SS304

Main valve parameters

DN	MAIN VALVE					LEVER/HANDWHEEL			
	A	B	H	D	T	L	Z	F	ØK
50	134	68	4	43	60	197	-	-	-
65	145	78	10	46	60	197	-	-	-
80	150	80	16	46	60	197	-	-	-
100	160	110	24	52	67	207	-	-	-
125	178	130	35	56	72	277	-	-	-
150	197	140	47	56	72	277	-	-	-
200	239	175	70	60	-	-	177	197	277
250	278	215	91	68	-	-	177	197	277
300	315	250	111	78	-	-	179	212	277
350	350	255	131	78	-	-	179	212	277
400	380	285	149	102	-	-	285	257	285
450	425	320	168	114	-	-	285	257	285
500	450	360	187	127	-	-	285	27	285
600	555	415	223	154	-	-	378	321	375
700	605	480	269	165	-	-	-	-	-
750	630	490	280	165	-	-	-	-	-
800	660	550	307	190	-	-	-	-	-
900	710	600	349	203	-	-	-	-	-

Dimensions in mm subject to manufacturing tolerance