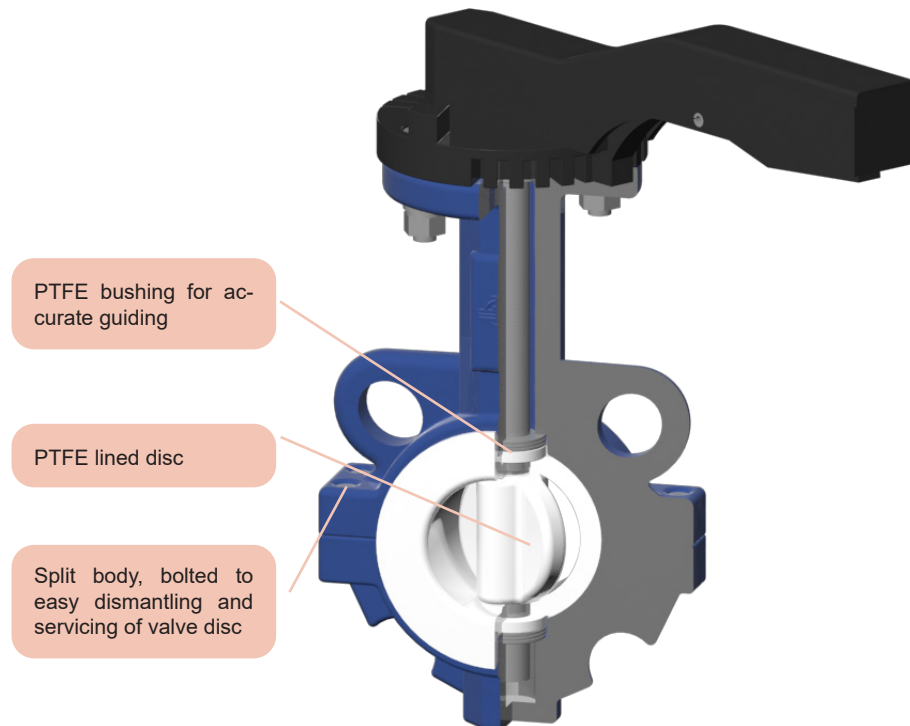


Design attributes

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

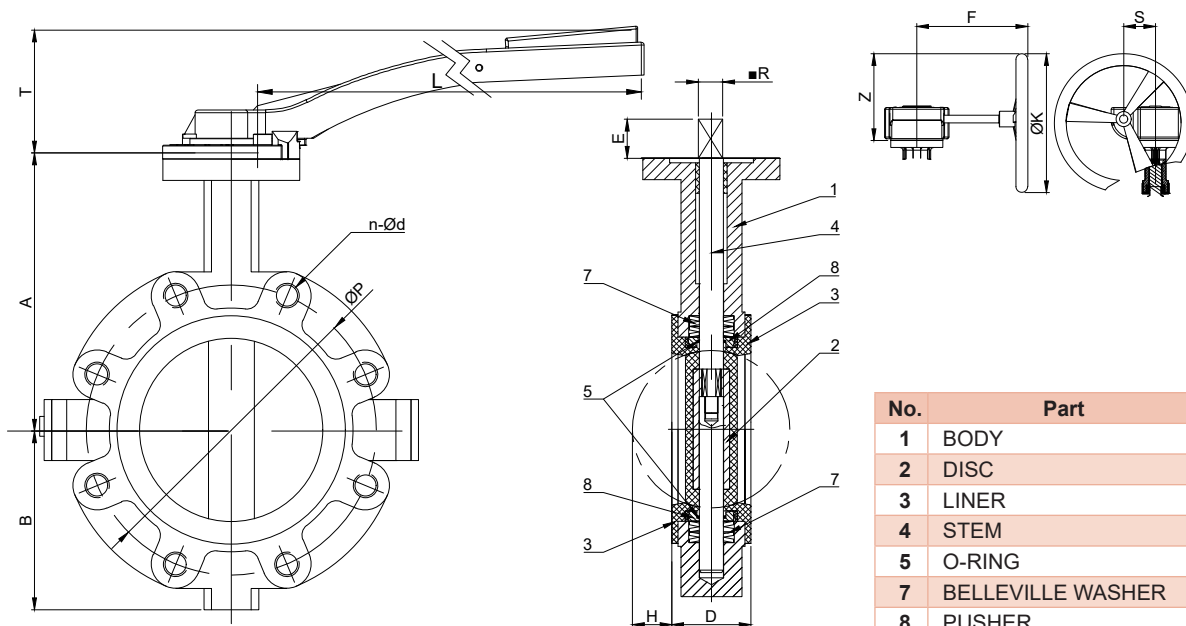
Fresh water, neutral liquids and neutral gases. Questions referring to chemical resistance, please consult us
PN10; TS: -5/110°C

Options

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

Lug type VF755

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
7	BELLEVILLE WASHER	SS304
8	PUSHER	SS304

Main valve parameters

DN		40	50	65	80	100	125	150	200	250
MAIN DIMENSIONS	A		134	145	150	160	178	197	239	278
	B		68	78	80	110	130	140	175	215
	H		4	10	16	24	35	47	70	91
	D		43	46	46	52	56	56	60	68
	ØP		125	145	160	180	210	240	295	350
COUPLING DETAIL	n-Ød		4-M16	8-M16	8-M16	8-M16	8-M16	8-M20	8-M20	12-M20
	ISO 5211		F05	F05	F05	F07	F07	F07	F10	F10
	E		20	20	20	20	20	20	20	30
LEVER	■R		9	9	9	11	14	14	17	22
	T		60	60	60	67	72	72	-	-
WORM GEAR	L		197	197	197	207	277	277	-	-
	F		-	-	-	-	-	-	197	197
	Z		-	-	-	-	-	-	177	177
	ØK		-	-	-	-	-	-	277	277

DN		300	350	400	450	500	600	700	800	900
MAIN DIMENSIONS	A	315	350	380	425	450	555	605	660	710
	B	250	255	285	320	360	415	480	550	600
	H	111	131	149	168	187	223	269	307	349
	D	78	78	102	114	127	154	165	190	203
	ØP	400	460	515	565	620	725	840	950	1050
COUPLING DETAIL	n-Ød	12-M20	16-M20	16-M24	20-M24	20-M24	20-M27	24-M27	24-M30	28-M30
	ISO 5211	F10	F10	F14	F14	F14	F16	F16	F25	F30
	E	30	35	35	65	65	80	80	110	130
LEVER	■R	22	27	27	48	48	60	72	80	98
	T	-	-	-	-	-	-	-	-	-
WORM GEAR	L	-	-	-	-	-	-	-	-	-
	F	212	212	257	257	257	321	-	-	-
	Z	179	179	285	285	285	378	-	-	-
	ØK	277	277	285	285	285	375	-	-	-

Dimensions in mm subject to manufacturing tolerance