

High Performance Butterfly Valve



Standard Material List

No.	Part	Material
1	Body	A216-WCB, A351-CF8/CF8M
2	Disc	A351-CF8/CF8M
3	Disc Pin	Stainless Steel 316
4	*O-ring	EPDM or FKM
5	Seat	Soft / Metal
6	Retainer	Stainless Steel 304/316
7	Stem	AISI 304 / 316 / 17-4 PH
8	Top Stem Bearing	Stainless Steel + PTFE
9	Packing Retainer	Stainless Steel 316
10	Stem Packing	PTFE / Graphite
11	Packing Gland	A351-CF8/CF8M
12	Stud	A193-B8/B8M
13	Gland Flange	A351-CF8/CF8M
14	Washer	Stainless Steel 304/316
15	Nut	ISO3506 A2-70/A4-70
16	Bolt	ISO3506 A2-70/A4-70
17	End Cover	A351-CF8/CF8M
18	O-ring	FKM+PTFE
19	Retainer Ring	Stainless Steel 316
20	Bottom Stem Bearing	Stainless Steel + PTFE
21	Nut	ISO3506 A2-70/A4-70
22	Bracket	A351-CF8
23	Bolts	ISO3506 A2-70/A4-70
24	Screw	ISO3506 A2-70/A4-70

*Seat o-ring only for R type soft seat

Available Materials

- Ductile Iron
 - Hastelloy
 - Duplex / Super Duplex
 - Alloy 20
 - SMO 254
 - Monel
 - 904L
- Other materials are available on request

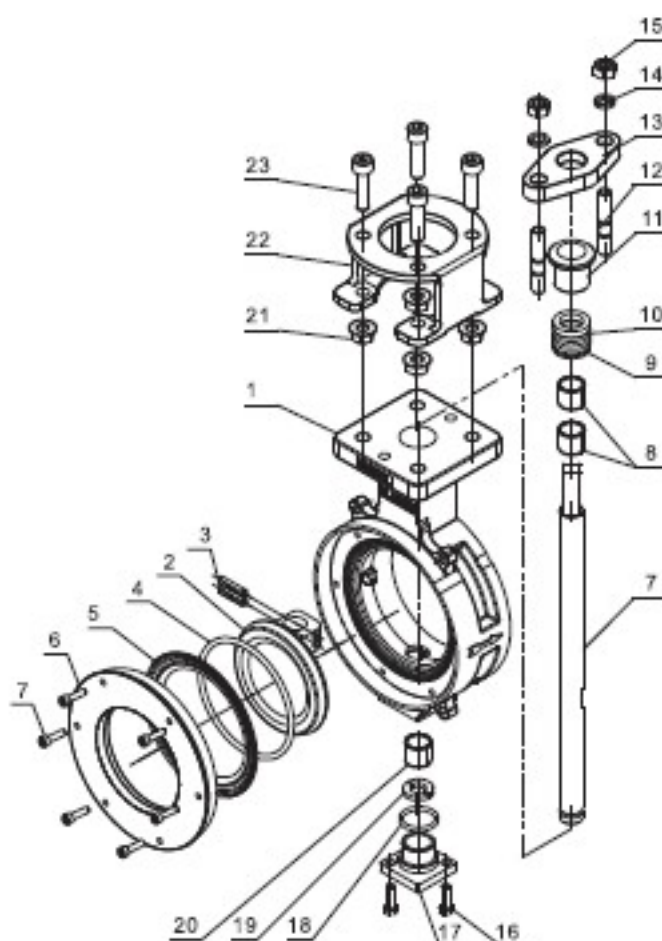
Seat Materials

- Soft Seat
PTFE, RTFE, TFM1600, PEEK, UHMWPE
- Metal Seat
SS316, SS316L, Inconel

CE Marked Versions Available

CE marked and documented valves that conform to the EUROPEAN Pressure Equipment Directive PED 2014/16/UE are available in ANSI Class 150/300.

Exploded View (Standard Type)



*** All valves are supplied with a nameplate in compliance with PED directive.

Standard Specifications

- Valve Design: MSS SP-68, API 609, ANSI B16.34
- Face to Face: API 609, MSS SP-68, ISO5752
- Flange: ANSI B16.5, EN1092, JIS B2220
- Inspection & Testing: API 598, EN12266

Product Range

Body Configurations: Wafer and Lug
Valve Size: 2"~ 24"(DN50 ~ 600)
Rating: Fig. 121 Class 150
Fig. 122 Class 300

Operator Available

Lever Handle, Gear Operator,
Pneumatic and Electric Actuators