

BUTTERFLY VALVE VF-920

DN 65 – 600

PN 10 – 25

MATERIALS

Construction

Stem (10)

- one-piece body with square stem to ISO 5211

Packing (7)

- multiply rows of Teflon Chevron

Retainer (4)

- patented design of square thread, ensures an un-interrupted

Integral disc stop (1)

- to prevent disc from over travel

Fire-safe seat (3,19)

- PTFE seat for standard operation and metal seat for fire case. Execution is according to FIRE-SAFE requirements. In case of using the valve like an end valve seat flange has to be on pipeline side.

Thrust ring (11)

- anti-blow out shaft and antistatic design

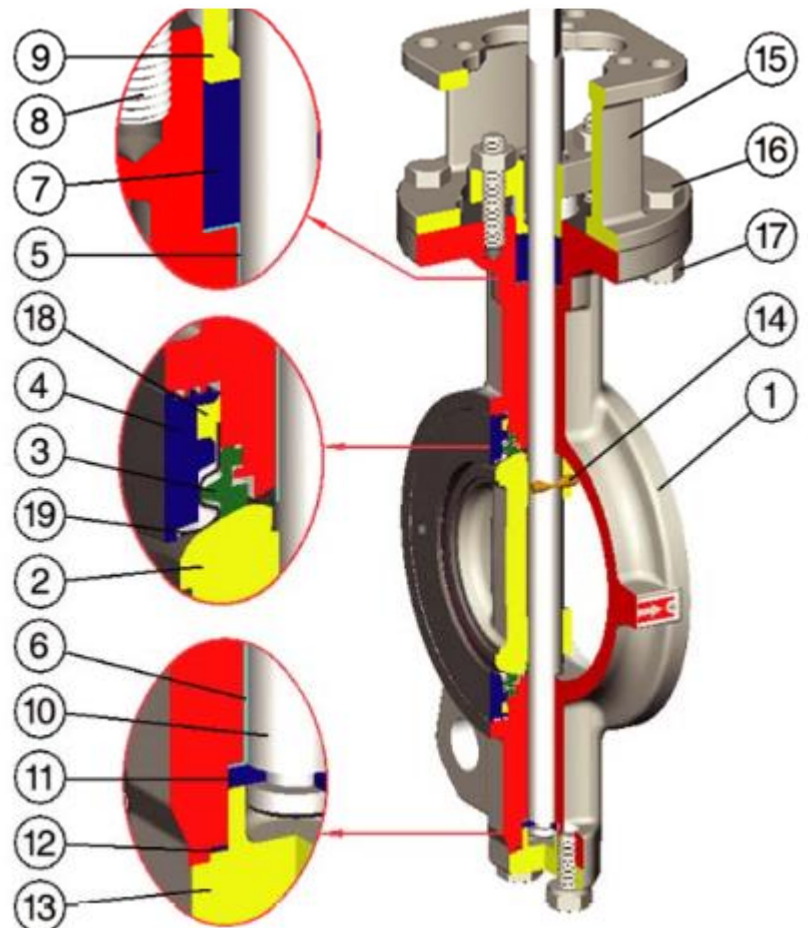
Bearings (5,6)

- upper and lower bearings are constructed of PTFE impregnated 316SS

Yoke (15)

- investment cast per ISO 5211

Sealing system with leakage indication Ę available as extra option



#	Part	Material	Specification	Note
1	Body	Steel	A216 Gr. WCB	
		SS	A351 Gr. CF8	
			A351 Gr. CF8M	
			A351 Gr. CF3M	
2	Disc	SS	A351 Gr. CF8	disc edge has to be hard chromed
			A351 Gr. CF8M	
			A351 Gr. CF3M	
3	Fire-safe seat	PTFE		-29°C - 160°C
		RPTFE		15% glass
		RPTFE		15% graphite
4	Flange seat	SS	A351 Gr. CF8	
			A351 Gr. CF8M	
			A351 Gr. CF3M	
5	Bearing	PTFE + SS316		
6	Bearing	PTFE + SS316		
7	Packing	Graphite		
8	Stud	SS	A193 Gr. B8	
9	Cover	SS	A351 Gr. CF8	
			A351 Gr. CF3M	
10	Stem	SS	A182 Gr. F6a	stem has to be hard chrome plated
			A182 Gr. F304	
			A182 Gr. F316	
			A564 Gr. 630	
			A479 Gr. XM-19	
11	Thrust ring	SS	A240 Gr. 316	
12	Seal	Graphite		
13	Cover	SS	A351 Gr. CF8	
			A351 Gr. CF8M	
			A351 Gr. CF3M	
		Steel	A216 Gr. WCB	only for 24% valve
14	Pin	SS	A182 Gr. F316	standard
15	Yoke	Ductile iron	A536 Gr. 65-45-12	optional
		Steel	A216 Gr. WCB	
		SS	A351 Gr. CF8	
16	Bolt	SS	A193 Gr. B8	
17	Nut	SS	A194 Gr. 8	nitrided
18	Seat packing	Graphite		
19	Seat	Nerezová ocel	A240 Gr. 316	