KNIFE GATE VALVE THROUGH CONDUIT

CARBON STEEL / STAINLESS STEEL

APPLICATION

Valmatic Fig.TC bidirectional knife gate valve mainly utilized in high consistency pulp slurry, reject and residue discharge.

SPECIFICATION

Nominal Diameter	DN 80 to DN 600
Pressure Rating	Wafer to PN 10, PN 16, ANSI 150
Working Temperature	- 20°C to 230°C Metal Seat - 20°C to 120°C PTFE Seat - 20°C to 100°C EPDM Seat
Air Supply Pressure	5 to 7 Bar
Bi- Directional	Soft Seat up to 10 Bar
Body	WCB, CF8, CF8M
Gate	410+Cr, 304+Cr. 316+Cr

MATERIALS

PARTS	FIG. TC2	FIG. TC6	FIG. TC7
1. Hex Head Cap Screw	SS304	SS304	SS304
2. Sealing Cap	304/316	304/316	304/316
3. O-Ring	NBR/Viton	NBR/Viton	NBR/Viton
4. Seat	304+Cr or STL	304+Cr or STL	316+Cr or STL
5. O-Ring	NBR/Viton	NBR/Viton	NBR/Viton
6. Upper Body	WCB	CF8	CF8M
7. Hex Bolt	304	304	304
8. Sealing Rope	NBR	NBR	NBR
9. Gate	410+HCr	304+HCr	316+HCr
10. Lower Body	WCB	CF8	CF8M
11. Stud	304	304	304
12. Hex Nut	304	304	304
13. Hex Nut	304	304	304
14. Packing	PTFE	PTFE	PTFE
15. Gland Packing	WCB	CF8	CF8M
16. Connection Pin	304	304	304
17. Pillar	304/45+Cr	304/45+Cr	304/45+Cr
18. Square Plate	ZI108	ZI108	ZI108
19. Hex Nut	304	304	304

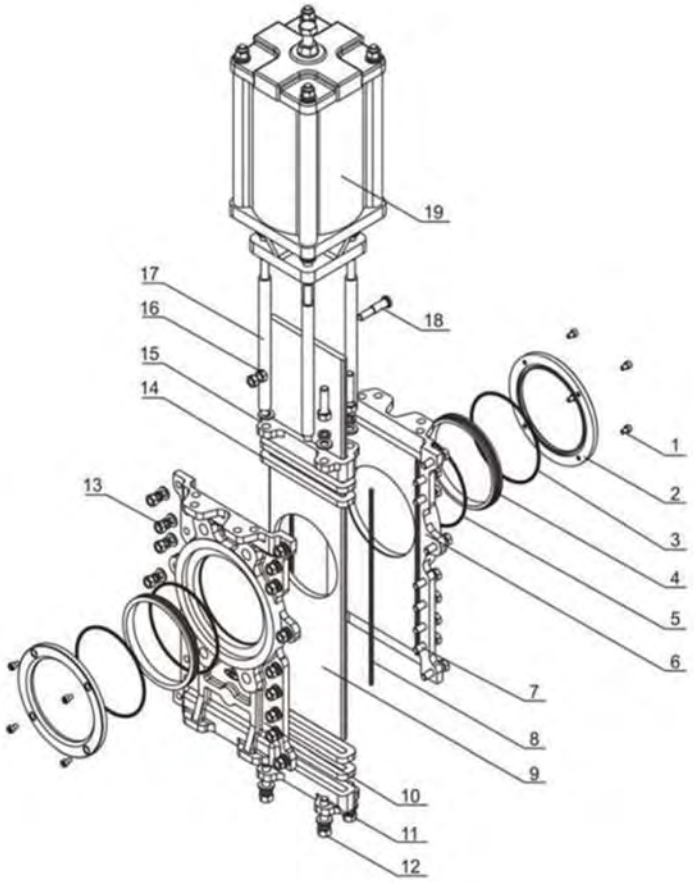
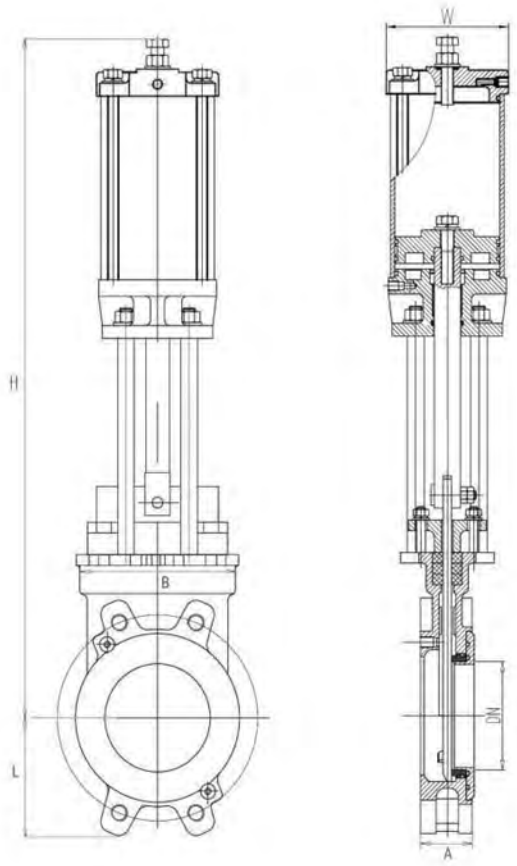


FIG TC

KNIFE GATE VALVE

CARBON STEEL / STAINLESS STEEL



Seat Construction

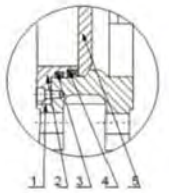
Metal Seat

PARTS	TEMPERATURE
1. Body	
2. Retainer	-20°C to 230°C
3. O-Ring	-4°F to 446°F
4. Seat	
5. Gate	

PTFE Seat

PARTS	TEMPERATURE
1. Body	
2. Retainer	-20°C to 120°C
3. O-Ring	-4°F to 248°F
4. Seat	
5. Gate	

EPDM Seat



PARTS	TEMPERATURE
1. Body	
2. Retainer	-20°C to 100°C
3. O-Ring	-4°F to 212°F
4. Seat	
5. Gate	

DIMENSIONS (mm)

Size (mm)	80	100	125	150	200	250	300	350	400	450	500	600
Lmax	310	367	432	497	635	777	905	1047	1171	1301	1461	1711
H	297	558	632	708	872	1037	1172	1344	1494	1693	1833	2206
A	51	51	57	57	70	70	76	76	89	89	114	114
B	182	202	216	241	294	356	410	473	538	588	646	754
C	115	140	140	195	240	240	290	330	330	385	430	480

*The specifications are subject to change without further notice