



BUTTERFLY VALVE GEAR OPER. FULL FLANGED TYPE



BH Series

BH 300 Size: 2" - 8"

*OPTION: 2"~8"(DN200)Lever type.

● MATERIALS OF CONSTRUCTION

No.	Parts	Pcs.	Materials	No.	Parts	Pcs.	Materials
1	Body	1	UPVC,CPVC,PP,PVDF	8	Worm Gear	1	FCD450
2	Seat	1	EPDM,VITON,NBR	9	Bearing	1	SMCM220/420/810
3	Disc	1	UPVC,CPVC,PP,PVDF	10	Adjustable Bolt	2	SUS304
4	Stem	1	SUS410,SUS316,SUS304	11	Worm Shaft	1	S45C
5	Stem O'ring	2	EPDM,VITON	12	Hand Wheel	1	WCB
6	Gear Box	1	FC200	13	Tightening Bolt	4	SUS304,SCM3
7	Gear Box Cap	1	FC200				

● Torque Values (1kgf/m=9.8N.m)

BF-V'S Size	Torque Under Without Any Water Pressure (Kg/m)	Under Water Testing Pressure(Kg/cm ²)			BF-V'S Size	Torque Under Without Any Water Pressure (Kg/m)	Under Water Testing Pressure(Kg/cm ²)		
		Water Pressure(Kg/cm ²)	Open Torque(Kg/m)	Close Torque(Kg/m)			Water Pressure(Kg/cm ²)	Open Torque(Kg/m)	Close Torque(Kg/m)
2"	1.5	15	0.5	0.5	12"	27.0	6	14	18
2-1/2"	1.5	15	0.5	0.5	14"	37.0	6	25	28
3"	2.0	15	1	1.5	16"	42.0	—	—	—
4"	2.0	12	1	1.5	18"	52.0	—	—	—
5"	5.0	12	2.5	4.5	20"	65.0	—	—	—
6"	6.5	12	4	7	24"	76.0	—	—	—
8"	10.0	10	6	8.5					
10"	17.0	8	7	10					