

LUG TYPE BUTTERFLY VALVE

SPECIFICATION

FOR ANSI CLASS 100 / CLASS 125 FLANGE MOUNTING
FACE-TO-FACE DIMENSION TO ISO 5752 / BS 5155 / BS EN 593
LEVER / WORM GEAR OPERATOR

PRESSURE / TEMPERATURE RATINGS

Working Pressure	200 psi
Testing Pressure	Shell : 350 psi Seat : 220 psi
Working Temperature	-4°F to 230°F (EPDM Seat) 14°F to 176°F (NBR Seat)
Suitable Media	Water, Oil & Gas

MATERIALS

Part	Material	ASTM
Body	Cast Iron	A126 Class B
	Ductile Iron	A536 Gr. 65-45-12
Disc	Ductile Iron	A536 Gr. 65-45-12
	Aluminum Bronze	B 148-97 C95400
	Stainless Steel 304	A351 CF-8
	Stainless Steel 316	A351 CF-8M
Seat Ring	EPDM	
	NBR	
	PTFE	
	Viton	
Shaft	Stainless Steel 410	S41000
	Stainless Steel 431	S43100
	Stainless Steel 316	S31600
	Stainless Steel 316	S31600
Taper Pins	Stainless Steel 316	S31600
Key	Carbon Steel	
O-Ring	NBR	
Bushing	PTFE	
	Luberized Bronze	

DIMENSIONS

Size inch	A inch	B inch	C inch	D inch	E inch	F inch	G inch	Cv 90°
2	1.7	3.1	7.7	10.5	10.7	6.8	5.9	135
2-1/2	1.8	3.5	8.2	10.5	11.3	6.8	5.9	220
3	1.8	3.8	8.4	10.5	11.5	6.8	5.9	302
4	2	4.5	9.2	10.5	12.2	6.8	5.9	600
5	2.1	5	9.7	10.5	12.8	6.8	5.9	1022
6	2.2	5.5	10.2	10.5	13.3	6.8	5.9	1579
8	2.4	6.9	12	14.1	17.8	9.4	11.2	3136
10	2.6	8	13.3	14.1	19.1	9.4	11.2	5340
12	3	9.6	15	14.1	20.7	8.9	11.2	8250
14	3	10.6	-	-	21.9	8.9	11.2	11917

BFV-LA

Class 125

2"~14"

