

LUG TYPE BUTTERFLY VALVE

Fig.215

PN16/25

DN 50-600

SPECIFICATION

FLANGED TO BS 4505 PN16 /25, JIS10/16K, ANSI #125/150
FACE-TO-FACE DIMENSION TO ISO 5752/ BS 5155/ BS EN 593
LEVER/ WORM GEAR OPERATOR

PRESSURE/TEMPERATURE RATINGS

Working pressure	16/25 bar
Testing Pressure	Shell: 24/37.5 bar Seat: 17/26 bar
Working temperature	NBR $\leq 80^{\circ}\text{C}$, EPDM $\leq 120^{\circ}\text{C}$
Suitable Media	Water, Oil & Gas

MATERIALS

Part	Material	BS
Body	Cast Iron	Gr. 220
	Ductile Iron	Gr. 420/12
Disc	Ductile Iron	Gr. 420/12
	Aluminum Bronze	1400 AB2
	Stainless steel 304	304 C15
	Stainless steel 316	316 C16
Seat Ring	EPDM/ NBR	
	PTFE/ Viton	
Shaft	Stainless steel 410 / 431/ 316	410 S21/ 431 S29 316 S16
Taper Pins	Stainless steel 316	316 S16
Key	Carbon steel	
O-Ring	NBR	
Bolt/nut	Stainless steel	304 C15
Bushing	PTFE	
	Luberized Bronze	
Painting	Blue Epoxy Power Coating	

DIMENSIONS

Size mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Cv 90°
50	42	80	161	266	272	173	150	135
65	46	89	175	266	287	173	150	220
80	46	95	181	266	292	173	150	302
100	52	114	200	266	310	173	150	600
125	55	127	213	266	325	173	150	1022
150	56	139	226	266	338	173	150	1579
200	62	175	260	355	452	239	302	3136
250	67	203	292	505	485	239	302	5340
300	77	242	337	505	526	226	302	8250
350	78	267	368	-	556	226	302	11917
400	87	309	400	104	328	104	302	16388
450	106	328	422	104	328	104	302	21705
500	132	361	480	142	328	145	302	27908
600	152	459	562	142	394	145	391	43116

