

WAFER TYPE BUTTERFLY VALVE

Fig.214

PN16/25

DN 50-600

SPECIFICATION

FLANGED TO BS 4504 PN16/25, ISO 7005-2, 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
50	42	80	161	266	272	173	150
65	46	89	175	266	287	173	150
80	46	95	181	266	292	173	150
100	52	114	200	266	310	173	150
125	55	127	213	266	325	173	150
150	56	139	226	266	338	173	150
200	62	175	260	355	452	239	302
250	67	203	292	505	485	239	302
300	77	242	337	505	526	226	302
350	78	267	368	-	556	226	302
400	87	309	400	104	328	104	279
450	106	328	422	104	328	104	279
500	132	361	480	142	328	145	305
600	152	459	562	142	394	173	305

