

BUTTERFLY VALVE WITH LIMITED SWITCH

Fig.220

PN16/25

DN 50-300

SPECIFICATION

FLANGED TO BS 4504 PN16/25, JIS10/16K, ANSI #125/150
FACE-TO-FACE DIMENSION TO ISO 5752/ BS 5155 / BS EN 593
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 ≤ 80°C, EPDM ≤ 120°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
	Stainless steel 304/316	304 C15/316 C16
Seat Ring	EPDM/ NBR	
Shaft	Stainless steel 410 / 431/ 316	410 S21/ 431 S29 316 S16
Taper Pins	Stainless steel 316	316 S16
Key	Carbon steel	
O-Ring	EPDM/NBR	
Bolt/nut	Stainless steel	304 C15
Bushing	PTFE	
Painting	Epoxy Power Coating	

DIMENSIONS

Size mm	A mm	B mm	C mm	H mm	L mm	G mm	Cv 90°
50	42	80	161	90	210	150	135
65	46	89	175	90	210	150	220
80	46	95	181	90	210	150	302
100	52	114	200	90	210	150	600
125	55	127	213	90	210	150	1022
150	56	139	226	90	210	150	1579
200	62	175	260	90	250	250	3136
250	67	203	292	90	250	250	5340
300	77	242	337	90	250	250	8250

Note.

- Indicator light is bright when valve is open fully, Control room give an alarm and indicator light 24V is put out when valve is close to 20° direction.
- There are two switch in gear box, switch "A" controls indicator light and switch "B" connects to control room.
- The butterfly valve can be supplied with electric or pneumatic actuator.
- Micro switch/limit switch box are available upon request.
- If used for gas application, please consult our sales office.
- Design and specifications are subject to change without prior notice.

