

## BUTTERFLY VALVE TECHNICAL BROCHURE

### 1、Types and Sizes

2"-48" wafer type lug type double flanged type

### 2、Materials

Body: cast iron, ductile iron, carbon steel, 304 ss, 316ss, aluminum bronze

Disc: nickel-plated ductile iron, nylon coated iron, 304 ss, 316 ss, aluminum bronze and Monel.

Shaft: 416 ss and 316 ss, 17-4PH

Seat: EPDM, high temperature EPDM, Food grade EPDM, NBR, Abrasive-resistant NBR, Viton, High-temperature Viton, Hypalon, Silicon Rubber, Natural Rubber, PTFE over PTFE, PTFE over NBR, Neoprene

Bushing: Glass-reinforced PTFE

### 3、Working Temperature(depending on the seat materials)

material	Temperature rating(°C)
EPDM	-35°C -120°C
High temperature EPDM	-35°C-150°C
Food grade EPDM	-35°C-110°C
NBR	-12°C-82°C
Abrasive-resistant NBR	-12°C-82°C
Viton	-12°C-135°C
High temperature Viton	-12°C-250°C
Hypalon	-32°C-135°C
Silicon Rubber	-100°C-250°C
Natural Rubber	-50°C-70°C
PTFE over EPDM	4.4°C-120°C
PFFE over NBR	4.4°C-90°C
Neoprene	-7°C-93°C

### 4、Working Pressure

Butterfly valves	2"-12"	16bar	14"-48"	10bar
Double eccentric	2"-6"	40bar	8"-26"	25bar