



## UNI-FLO HIGH PERFORMANCE DOUBLE ECCENTRIC BUTTERFLY VALVE

SANS 1849:2008

### Description:

1. Design: BS5155, BSEN593
2. Face to face: ISO5752 14 (BS EN558-1 Series 13)  
DIN3202 F4 (EN558-1 Series 14) \*Face to face can be other options
3. Testing: BS6755

### General Specifications

#### Design Type

Double Offset, double flanged, bi-directional High Performance Butterfly valve.

#### Acceptable Media

Water and neutral liquids

#### Operating Pressure Range

PN10, PN16, PN25

#### Operating Temperature Range

0° to 70°

#### Size Range

DN100 to DN2000

#### Standard Factory Tests

Seat 1.1 x PN, Body 1.5 times PN

#### End Connections

SABS 1123, BS4504, ANSI B 16.1 & B16.5

#### Design and Operating Options

Electric or Hydraulic actuation

Full Rubber Lining of Body

Seal in Disk or Seal in Body or Metal to Metal Seat

Alternative materials of construction

#### Applicable Standards

BS 5155 / BS EN 593

BS EN 558 -1 Series 13 & 14



### Material of Construction

NO.	NAME OF PART	MATERIAL	BS DESIGNATION	
1	Bolt	Steel / SS.		
2	End cover	Ductile Iron	BS2789	Gr 450 / 10
3	O - Ring	EPDM	BS2494	
4	Bushes	Du Bushes		Self lubricating bushes
5	Body	Ductile Iron	BS2789	Gr 450 / 10
6	Shaft (1)	Stainless Steel	BS970	Gr 420 / 304
7	Disc	Ductile Iron	BS2789	Gr 450 / 10
8	Retaining ring	Stainless Steel	BS2789	Gr 304 / 316
9	Rubber sealing	EPDM	BS2494	
10	Body sealing ring	Stainless Steel	BS970	Gr 304 / 316
11	Stuffing	EPDM	BS2494	
12	Stuffing box	Gunmetal	BS1400	LG2
13	Shaft (2)	Stainless Steel	BS970	Gr 420 / 304
14	Manual actuator			