

# PN16 “Lugged” Butterfly Valve

## Scope of Use / Specification Sheet

Potable water service Butterfly Valves with Watermark certification for on and off flow control service. Lever & gear operated. Suitable applications include building services, water, wastewater, general industry, and irrigation water supply.



Product Code		
Model	Size	Product Code
PN16 “Lugged” Butterfly Valve	65mm	7240
	80mm	7241
	100mm	7242
	150mm	7243
PN16 Gear Operated “Lugged” Butterfly Valve	65mm	7240GB
	80mm	7241GB
	100mm	7242GB
	150mm	7243GB
	200mm	7244GB

Materials	
Body	Ductile Iron ASTM A-536
Disc	CF8M ASTM A-743
Stem	316SS ASM A276
Seat	EPDM

### Features and Benefits

- Quality robust construction
- Excellent sealing as a result of unique disk and seat contour
- Single piece 316SS shaft eliminating potential pin and bolt leakages

### Technical Specifications

Nominal Diameter	DN65~DN150 Lever Operate DN100~DN200 Gear Operate
Nominal Pressure	PN16
Working Temperature	-20 °C~+120 °C
Working Medium	Potable Water
Connection Type	Lugged
Connection Standard	AS2129 Table E
Design Standard	ATS 5200.012-2005
Test Standard	ISO 5208-2008

# PN16 “Lugged” Butterfly Valve

## Dimensions

Size	Contour Dimension				Flange Dimension (Meet AS2129 Table E)			
DN	H1	H2	ΦD	R	L1	ΦD1	Bolt nxM	a
65	77	155.4	105	17	46	127	4xM16	45°
80	89	161.8	120	17	45.21	146	4xM16	45°
100	103	177	153	18	52.07	178	8xM16	22.5°
150	139	204.2	208	21	55.75	235	8xM20	22.5°
200	165	236	260	20	60.58	292	8xM20	22.5°

Note: All measurements in mm unless otherwise stated. All weights are in kg unless otherwise stated.

## Dimensions

Size	Top Flange Dimension				Meet ISO 5211			Lever Operated		Gear Operated		
	H4	H5	ΦC	Type	ΦD6	ΦD4	NxD	H3	L	H3	E	L
65	30	13	Φ9	F07	92	70	4xΦ10	32	266.7	66	150	160
80	30	13	Φ9	F07	92	70	4xΦ10	32	266.7	66	150	160
100	30	14	Φ11	F07	92	70	4xΦ10	32	266.7	66	150	160
150	30	14	Φ14	F07	92	70	4xΦ10	32	266.7	66	150	160
200	30	14	Φ17	F07	125	102	4xΦ12	-	-	82	298	240

Note: All measurements in mm unless otherwise stated. All weights are in kg unless otherwise stated.

