

1. The **Butterfly Valves (Lever Operated Type)** of following specifications and sizes are required.

I).BILLS OF MATERIALS

Description	Specifications
Type	Wafer Type, Butterfly Valve (Lever Operated), Mounting between Flanges
Ends	Mounting between Flanges according to ANSI B 16.5
Class	ANSI 150

MATERIAL

Body	Ductile Cast Iron
Seat	EPDM
Disc	Stainless Steel, SS 304 (CF8)
Stem	Stainless Steel, SS 304 (CF8)
Control	Hand Wheel Operated With Position Indicator
Body Finish	Epoxy Painted

II).BILL OF QUANTITIES

Sr. No.	Size (mm)	Quantities
i.	ND 50	12
ii.	ND 65	12
iii.	ND 80	18
iv.	ND 100	36
v.	ND 125	12
vi.	ND 150	18
Vii.	ND 200	12

2. The **Butterfly Valves (Gear Operated Type)** of following specifications and sizes are required.

I).BILLS OF MATERIALS

Description	Specifications
Type	Wafer Type, Butterfly Valve (Gear Operated), Mounting between Flanges
Ends	Mounting between Flanges according to ANSI B 16.5
Class	ANSI 150

MATERIAL

Body	Ductile Cast Iron
Seat	EPDM
Disc	Stainless Steel, SS 304 (CF8)
Stem	Stainless Steel, SS 304 (CF8)
Control	Gear Wheel Operated Type
Gear Wheel	Malleable Iron According TO ASTM A 47
Body Finish	Epoxy Painted

II).BILL OF QUANTITIES

Sr. No.	Size (mm)	Quantities
i.	ND 200	06
ii.	ND 250	08
iii.	ND 300	04
iv.	ND 350	04
v.	ND 400	02
vi.	ND 450	02
Vii.	ND 500	02
viii-	ND 600	02

PACKING & MARKING:

Each Valve should be properly packed and shall be marked with:

- Pressure Rating, Valve Class & maximum Operating Temperature.
- Name / mark of manufacturer.