

BUTTERFLY VALVES

The **BUTTERFLY VALVES** of following specifications and sizes are required:

i). BILL OF MATERIALS

Description	Specifications
Type	Wafer Type, Butterfly Valve, Mounting between Flanges. Actuators mentioned vide Sr. # (ii) Bill of Quantities.
Ends	Mounting between flanges according to ANSI B16.5
Class	ANSI 150
Material	
Body	Ductile Cast Iron / Forged Steel
Disc	Stainless Steel, SS 304
Shaft	Stainless Steel, SS 410
Seat	EPDM
Control	Hand Wheel on Reduction Gear in Tight Casing with Position Indicator
Body Finish	Epoxy Painted

ii). BILL OF QUANTITIES

Sr. #	Size	Quantity Required (No's)	Actuator
i	NPS 2"	12	Lever Operated with Measuring Scale Indicator
ii	NPS 3"	18	
iii	NPS 4"	36	
iv	NPS 5"	12	
v	NPS 6"	54	
vi	NPS 8"	12	
vii	NPS 10"	6	Gear Operated with Hand Wheel
viii	NPS 12"	6	
ix	NPS 14"	6	
x	NPS 16"	2	
xi	NPS 18"	2	
xii	NPS 20"	2	
xiii	NPS 24"	2	

iii). PACKING & MARKING

All valves should be properly packed and each Valve shall be marked with,

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