



# HP250™ BUTTERFLY VALVE 250# FLANGED ENDS

## Suggested Specifications

### GENERAL

Valves shall be manufactured with a 250 psi rating. The valves shall be capable of operating at pressures of 250 psi. Valves shall be Pratt Model HP250™ as manufactured by us.

### VALVE BODY

Valve body shall be constructed of ductile iron ASTM A-536. End connections shall be ANSI Class 250 with 250# drilling pattern.

### VALVE DISC

Disc shall be made from ductile iron ASTM A-536. Discs shall be furnished with 316 stainless steel seating edge to mate with the rubber seat.

### VALVE SEAT

Valve seat shall be Buna-N rubber located on the valve body

### VALVE SHAFTS

Shafts shall be stainless steel ASTM A-564 Type 630 Condition H-1150. Stub shafts or through shafts are acceptable. Shaft seals shall be standard self-adjusting split "V" type packing. Shaft seals shall be of a design allowing replacement without removing the valve shaft

### VALVE BEARINGS

Valve bearings shall be sleeve type that is corrosion resistant and self-lubricating.

### VALVE ACTUATORS

Valve actuators shall be fully grease packed and have stops in the open/closed position. The actuator shall have a mechanical stop which will withstand an input torque of 450 ft./lbs. against the stop. The traveling nut shall engage alignment grooves in the housing. The actuators shall have a built in packing leak bypass to eliminate possible leakage into the actuator housing.

### PAINTING

Valve Interior and Exterior Surfaces except for seating shall be coated with two coats of epoxy paint in accordance with TT-C-494A and AWWA C504 latest edition.

### TESTING

All Valves shall be hydrostatic and leak tested. The leak test shall be performed at a differential pressure of 250 psi with the disc in a closed position. In a slightly open position, internal hydrostatic pressure equal to 500 psi shall be applied to the inside of the valve body for five minutes.

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