

Butterfly Valve Specification - Cooling Water

PRESSURE-TEMPERATURE RATINGS (0.000" Corrosion Allowance)

Temp.C 0 to 66 Max. Hydro.
Temp.F 32 to 150 Test Press.

VALVE MATERIAL
Cast Iron – Resilient Seated

SERVICE
Cooling Water (1)

PRESSURE RATING	Size Range	WWP	Bubble-tight Test	Hydrostatic Shell Test
AWWA	4"-48"	150psi	150psi	2x WWP

END CONNECTIONS As Required (2, 3)

REFERENCE STANDARDS AWWA C504-94
 AWWA C550
 Fed Spec TT-C-494A

TESTING Valve design testing to include standard AWWA C504 Performance and Proof-of-design testing. In addition, each valve assembly shall be factory tested for five minutes with 150psi air pressure against a closed disc covered with a pool of water. Bubble-tight shutoff required in both directions

ACTUATORS All valves to be gear operated. Buried service, Indicator Post valves, require gear operators to be mounted on fixed indicator post above grade. All gear operators to be of "traveling nut" type, with rating of 450 ft. lbs. of torque against the input stops.

NOTES

- 1) AWWA Butterfly Valves designed for cooling water application - both direct bury and for above ground service.
- 2) End connections as noted on drawings Valves available in Flanged, Wafer and Mechanical Joint. Above ground valves use Wafer or Flanged only.
- 3) Mechanical Joint Retainer Glands to be used on all M.J. connections in restrained systems. Retainer Glands to be Mega-Lug Retainer Glands, by EBBA Iron or equal.