

Firewater Butterfly Valve Specification

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
Firewater (1)

PRESSURE RATING AWWA/FM	Size Range 4"-24"	WWP 175psi	Bubble-tight Test 192.5-psi	Hydrostatic Shell Test 2x WWP
----------------------------	----------------------	---------------	--------------------------------	----------------------------------

END CONNECTIONS As Required (2, 3)

REFERENCE STANDARDS AWWA C504-94
 UL-262
 FM 1120/1130
 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 192.5-psi 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) FM rated Butterfly Valves designed for fire water application - both direct bury and for above ground service.
- 2) End connections as noted on drawings. (Post Indicator valves available Flanged, Monoflange and Mechanical Joint. Above ground valves 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.
- 4) Indicator Post for buried service valves to be a fixed, integral part of the valve / post assembly. Above ground portion provided "red" unless otherwise specified. Bury depth as noted on drawing.
- 5) A fail safe spring shall be included on the post to preclude accidental closing.