

Gate 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
Ductile Iron – Resilient Seated

SERVICE
Cooling Water

PRESSURE RATING	Size Range (5)	WWP	Bubble-tight Test	Hydrostatic Shell Test
AWWA	4"-12"	250psi	250psi	500psi
AWWA	14"-24"	200psi	200psi	400psi
AWWA	30"&36"	200psi	200psi	400psi

END CONNECTIONS As Required (2, 3)

REFERENCE STANDARDS ANSI/AWWA C515
ANSI/AWWA C550
NSF 61
ASTM D429

TESTING Each valve shall be hydrostatically tested to the requirements of AWWA C515. Valves shall be rated for zero leakage at above noted pressures.

BOLTS Nuts and Bolts for connecting body and bonnet shall be 304 stainless steel or meet ASTM A307 requirements. Bolts may be regular square or hexagonal heads conforming to ANSI B18.2.1

NOTES

- 1) AWWA Resilient Seated Gate Valves designed for cooling water application - both direct bury and for above ground service.
- 2) End connections as noted on drawings. (Non Rising Stem valves available Flanged, Push-on and Mechanical Joint. OS&Y 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) Gate valves 18" – 24" to be supplied with Spur Gear or Bevel Gear Operator.
- 5) Gate valves 30" & 36" to be supplied with Spur Gear or Bevel Gear Operator and torque reducing extended wedge cap bearing made of urethane.
- 6) All valve bodies fusion bonded epoxy coated inside and out per AWWA C550 and NSF 61 Approved.