Engineering Specification

Model BFG-300 Grooved Butterfly Control Valve

**Recommended CSI MasterFormat Specification Location: 21 13 00, Fire Suppression Sprinkler Systems (formerly 13930)**

A **[**2½” (65mm)**] [**3” (76mm)**] [**4”(100mm)**] [**6” (150mm)**] [**8” (203mm)**]** slow close grooved indicating butterfly control valve shall be **[**cULus Listed**]** **[**FM Approved**]** for fire protection systems. The valve shall have AWWA C606 grooved end connections with integral supervisory tamper switch. The valve shall be supervised **[**Open (yellow indicator)**] [**Closed (white indicator)**]**. The valve body construction shall be coated brass with Nylon-11, an EPDM encapsulated coated disc in accordance with ASTM A-536, and 416 stainless steel stem. The valve shall have a weatherproof gear operator rated for indoor/outdoor use with handwheel and raised position indicator. Two internal factory-mounted supervisory switches shall be housed within the switch box housing; a S.P.S.T. switch having a rating of 15A @ 125 VAC, 1/2A @ 125 VDC, and a S.P.D.T. switch having a rating of 11A @ 125 VAC, 1 A @ 28 VDC. All lead wires for external connections shall be 18 AWG, exiting the switch box housing through a single hole suitable for ½” conduit fittings. The Butterfly Control Valve shall be listed for 300 psi (20.7 bar) working pressure with a maximum working temperature of 250°F.

The grooved water supply control valve shall be a Reliable Model BFG 300 Butterfly Valve. Refer to Reliable Bulletin 831 for associated information.