



Model 301-4

Altitude Pilot Valve

Specifications:

The pilot shall be Singer model 301-4 with the spring range specified.

- The pilot shall consist of a ductile iron housing and shall have a protective fusion bonded coating, which conforms to the ANSI/AWWA C116/A21.16 (current version) specification.
- The 3-way valve body, seat and stem shall be of stainless steel construction.
- The inner valve shall have EPDM resilient compound for seating. The EPDM compound must be permanently bonded to the inner valve and be ground flat and square to assure maximum performance.
- The pilot shall utilize a rolling diaphragm stem seal to eliminate friction when the pilot actuates.
- The 3-way valve body shall be serviceable without removing the pilot from the valve. The inner valve shall be replaceable through the bottom of the pilot so that pilot tubing need not be disconnected during service.
- Maximum Working Temperature: 180 degree F (82 degree C)
- Maximum Working Pressure: 400 psi (27 bar)

Model	Spring Range/ Elevation	Delayed Opening	Approximate Fixed Differential/ APPROX. FEET PER TURN
301-4	4 to 20 ft (1 to 6m)	1 ft (0.3m)	1 ft (0.3m) per turn
301-4	10 to 60 ft (3 to 18m)	2 ft (0.6m)	2 ft (0.6m) per turn
301-4	40 to 125 ft (12 to 38m)	3 ft (0.9m)	3 ft (0.9m) per turn
301-4	60 to 225 ft (18 to 69m)	4 ft (1.2m)	6 ft (1.8m) per turn

Singer Valve Inc.

12850 - 87th Avenue • Surrey, British Columbia, Canada V3W 3H9
 Tel: 604 594 5404 • Fax: 604 594 8845 • Toll-Free Fax (US & Canada): 1 800 663 7266
 E-Mail: singer@singervalve.com • singervalve.com
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