

1000 Series 1" Globe Control Valve



Brand: Collins Instruments

Short Description

Collins Plastic Control Valves are highly responsive control valves designed for use with corrosive media and/or corrosive atmospheres. Suitable for applications in numerous industries including chemical, petrochemical, pulp and paper, and municipal, Collins Control Valves are extremely corrosion-resistant, feature fast accurate positioning and are available with a wide selection of trim sizes.

Description

These specialized control valves will stroke at the rate of approximately 1/2 inch per second. The differential area piston eliminates the necessity for auxiliary loading regulators. The actuator is molded of glass filled, UV inhibited polypropylene except for the integral positioner. Before shipment, the aluminum positioner and a portion of the cylinder are immersed in dipseal to provide atmospheric protection. The integral positioner eliminates the need for external linkages which are subject to corrosion and malfunctioning. Valves are available in Globe, Angle, or Corner configurations to fit your piping. Valves may be furnished without positioner for ON-OFF applications. These valves incorporate a unique closure between the cylinder and yoke, eliminating the previous threaded closure. The actuator is attached to the yoke with an internal locking ring which is inserted through a slot in the side of the actuator cylinder. This is accomplished by machining a half circle groove inside the lower edge of the cylinder and matching half circle groove in the yoke. When the yoke and cylinder are assembled, a 5/32" OD polypropylene rod is inserted through the slotted hole into the groove, locking the two together.