1.2 Servo pneumatic system Pneumatic actuators are used in batch automation of sequences and continuous control.The electro pneumatic servo drives are being employed for expanding the capabilities of pneumatic drives to be used as a multi–position actuator.The nonlinearities in the valves resulted in poor damping, low stiffness, limited bandwidth which adds the complexity to the system.Conventionally the pneumatic actuators are used for motion between two defined stops.

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