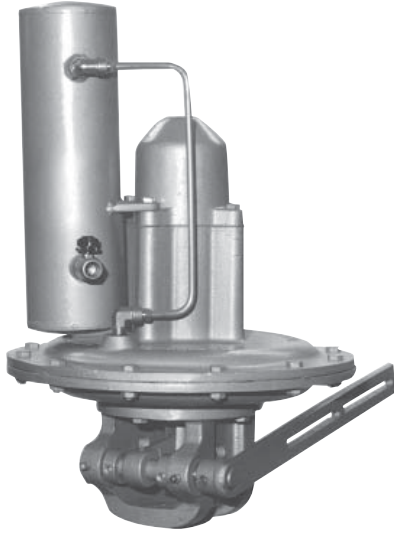


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# North American Products | 1600 Air Motors

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**1600-B and 1600-BP**  
Air Motor with speed control



**1600-M Air Motor**  
with dual monitor display



**1600 Air Motor**  
with top mount positioner



**1600-A Air Motor**  
with auxiliary switch

The 1600 Air Motor is used to drive butterfly, adjustable port, or other type of control valve, using pneumatic signals from a temperature controller or other source.

The motor produces 200 pound-inches of torque for each 1 psi control air pressure, or a total of 3000 pound-inches for a standard 1600 Air Motor with a 15 psi control signal. 2800 of the total 3000 pound-inches produced is utilized in compressing the internal spring, leaving 200 pound-inches useful torque at motor arm. **Useful** torque is measured at the motor arm while **available** torque is measured at the control valve. Available torque is the maximum torque left to move the control valve after all losses have been considered.

## FEATURES

- Easy field adjustment.
- Factory adjusted for 3 psi start, 15 psi full travel.
- Integral top-mounted positioner available to provide seven times as much torque for better response.