

AT12 Throttle Actuator

Introduction: The AT12 is an enclosed DC motor driven Throttle Actuator that forms part of the CP Dynamometer and Throttle control system. The actuator provides performance suitable for applications ranging from small two stroke engines up to heavy diesels and racing engines.

The AT12's main features are:

- Permanent Magnet DC Motor
- Worm Reduction Gearbox
- Servo Potentiometer
- IP55 Die-Cast Enclosure
- Splash-proof 6-pin Connector
- 15 kgF Pull Capability
- 0-180 Deg in 250 milliseconds
- Total Weight 3kg

Position feedback is provided by the internally mounted servo potentiometer. The direct coupling of the potentiometer to the output shaft ensures accuracy. The unit is simple to install with one electrical connector, and simple attachment of the throttle cable. Throttle cables are available separately with various fittings. The AT12 can be mounted in any plane.

With more engines moving to 'Fly By Wire' throttle control, the AT12 can also be used to control the vehicles throttle potentiometer directly. Adaptation plates can be made for your particular application if necessary.

