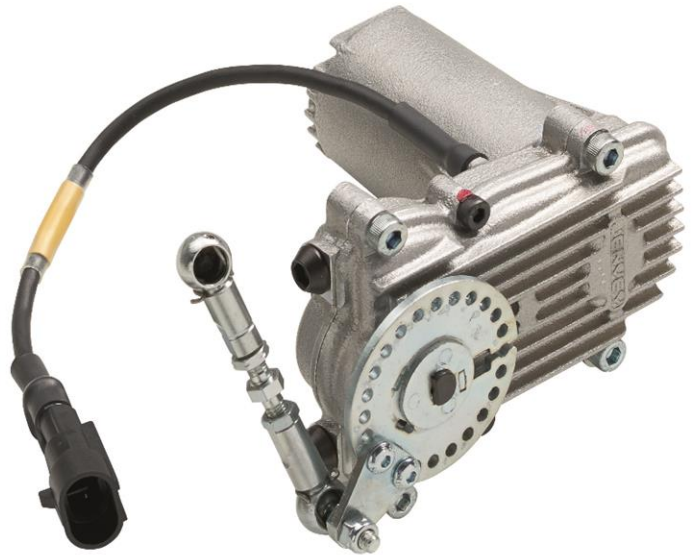


JENVEY

ELECTRONIC THROTTLE ACTUATOR

The Jenvey Electronic Throttle Actuator **ETA2** has been created specifically for use in motorsport and high end performance engines. It will operate individual throttle systems as well as other applications requiring fast and accurate response within its operating range.

All major components, with the exception of the high performance DC motor, have been designed, developed and manufactured by Jenvey. This allows the ETA2 to be easily configured to customer specific requirements including housing, loom, connectors, operating levers and spring forces. We are able to ensure the individual components reliability and quality and understand their versatility, offering full direct support to the customer.



The ETA2 consists of a DC Motor with reduction gearing and is available as standard with a large range of actuating levers and return springs. It can be driven in either direction and includes adjustable end stops. An adjustable limp home spring module is also available. External throttle position sensors are required.



The **ETA2** has undergone extensive durability testing and over the past 3 years has been used together with our profiled butterfly system on the on the company's 2017 championship-winning BRSCC OSS series car.

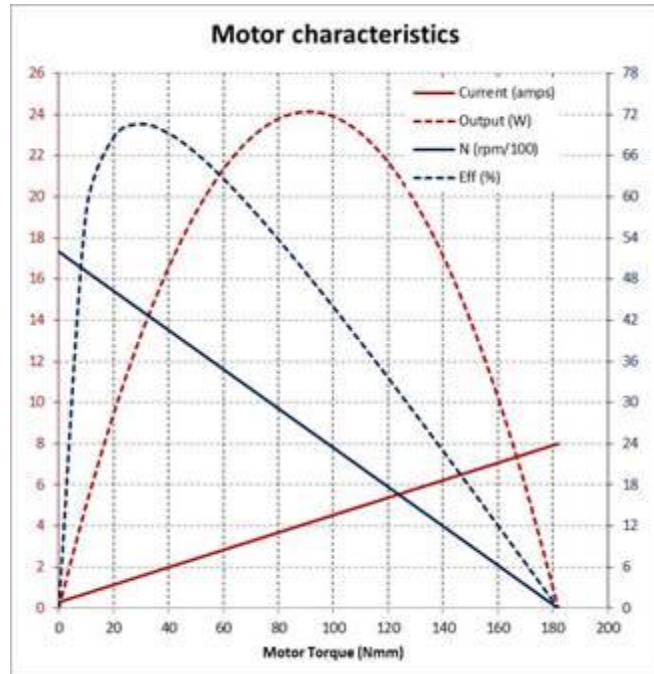
Now running on over 100 cars worldwide including: Radical Sportscars SR8 and RPE V8 engines.

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Actuator specifications:

- Rotation: Maximum 100 degrees, clockwise or anti-clockwise.
- Electrical connector: AMP Superseal connector male pin or as specified
- Throttle position sensor: TP1, TP8 or any to fit an 8mm shaft with a 6mm flat
- Limp home: force adjustable to suit application in clockwise or anti-clockwise actuation
- Expected time: 0 to 100% (stable) < 0.08s as tested on 4 single SF bodies (soft springs)
- Max torque (motor): 180Nmm
- Gear ratio: 20:1
- Max current: 8 amps
- Max torque: 3600Nmm
- Max continuous (holding) current: < 2A
- Mount orientation: Any
- Unit weight: 500 grams



About Jenvey

Jenvey Dynamics Ltd. is a leading developer and producer of motorsport throttle bodies and induction components for road and motorsport vehicles worldwide.

A comprehensive in-house capability enables Jenvey Dynamics Ltd. to maintain its position as an internationally acclaimed market leading innovator, having complete control over quality, design, research, development and confidentiality. The company is able to design, rigorously test and manufacture a uniquely extensive range of induction system components. Expertise, resources and discretion also enable the company to deliver bespoke customer projects.

Jenvey Dynamics Ltd. is proud of its competition pedigree, and motorsport is still an important part of product development, testing and validation. The Jenvey developed and engineered Jenvey-Gunn sports prototype has won three national championship using standard and development Jenvey products. This winning mentality is applied to all Jenvey products which products help fuel race teams and championships across the globe.

For further information please contact:
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