**ECA**

Electric Clutch Actuator
Master cylinder Φ19 mm

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**Description**

The ECA is an electric master cylinder actuator to be coupled with standard hydraulic slave cylinder in place of the pedal master cylinder. This can work with clutches with a max spring load of 4000N. Controlled by GCC 110 electronic unit, the ECA could be operated by means of either paddles on steering wheel or automatically if required.

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**Main Features**

- Compact
- Can operate with high clutch spring load
- Very reliable
- Internal piston position sensor integrated

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**Benefits**

- No more clutch pedal necessity
- Quick response for fast shift
- Simple lay-out
- Easy to install

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**Typical Applications**

- Formula car
- Touring car
- GT car
- Rally car

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**Typical Performance**

- Complete clutch open in 100 ms
- Gearshift allowed in 80 ms
ELECTRIC ACTUATORS

ECA
Electric Clutch Actuator
Master cylinder Φ19 mm

Dimensions

Dimensions in millimetres

Technical Characteristics

- Internal master cylinder stroke: 14 mm
- Internal master cylinder diameter: Φ 19 mm
- Max pressure: 6000 KPa
- Current draw: peak 50 A
- Operating temperature: max 100 °C
- Supply Voltage: 12-14 Vdc
- Weight: 2.90 Kg

Application schematics

For further information, please contact:

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Specifications are subject to change without prior notice

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