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<b>Product Name :</b> Universal Drive and Brake Unit	<b>Product Code :</b> Fluid00048
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#### Description :

Universal Drive and Brake Unit

#### Technical Specification :

##### Universal Drive and Brake Unit

Universal Drive and Brake Unit

Specification: **Universal Drive And Brake Unit**

- Drive and brake unit used for studying different driving or driven machines
- Asynchronous motor with frequency converter allows 4-quadrant operation: generator or motor mode
- Asynchronous motor with pendulum suspension, torque measurement via lever arm and force sensor
- Optical sensor for recording the speed
- Data exchange between base module and accessories through data cable
- Measured values for speed and torque are digitally displayed on the device

#### Technical Data

- Asynchronous motor with frequency converter
- Power: 2200W
- Max. speed: approx. 3000min<sup>-1</sup>
- Max. torque: approx. 12Nm

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### V-belt operation

- Length of V-belt: 1157mm, 1180mm, 1250mm
- Type of V-belt: SPA
- Diameter of V-belt pulley: 125mm
- Resistive load: 72 ohm, 2400W

### Measuring ranges

- Torque: -15...15Nm
- Speed: 0...5000min-1

## Civil Mechanical India

**Website:** [www.civilmechanicalindia.com](http://www.civilmechanicalindia.com), **Email:** [export@civilmechanicalindia.com](mailto:export@civilmechanicalindia.com)

**Address:** 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India, **Phone:** +91-0171-2643080, +91-0171-2601773