

Product Name :
Universal Drive and Brake Unit

Product Code :
Fluid00037



Description :

Universal Drive and Brake Unit

Technical Specification :

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Specification: **Universal Drive And Brake Unit**

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- 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⁻¹
- Max. torque: approx. 12Nm

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

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