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**Product Name :**  
Universal Drive And Brake Unit

**Product Code :**  
LBNY-0005-103000119



#### **Description :**

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

#### **Technical Specification :**

##### **Technical Data:**

Asynchronous motor with frequency converter  
Max. speed: 3000min<sup>-1</sup>  
Max. torque: 12Nm  
Power: 2200W  
V-belt operation  
Length of V-belt: 1157mm, 1180mm, 1250mm  
Type of V-belt: SPA  
Resistive load: 72 ohm, 2400W  
Diameter of V-belt pulley: 125mm  
Measuring ranges  
Torque: -15...15Nm  
Speed: 0...5000min<sup>-1</sup>.



**Laboratory Instrument India**