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Product Name :

Experimental Module Rolling Sliding Disc

Product Code :

LBNY-0005-10100037



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Description :

The slip forces between two rotating friction discs in contact can be determined using this accessory module. The slip between the discs is maintained at a constant 4% by a gearbox. The contact pressure can be adjusted in steps (10N) up to max. 80N. This adjustment is performed using a lever with a mechanical advantage of 2:1. The unit is intended for operation with the basic module. The unit has a container for supplying lubricant. Knurled bolts enable the friction discs to be changed easily. Connection to the basic module is made using a clamped coupling. A strain gauge force transducer connected to the controller measures the friction forces directly.

Technical Specification :

Friction discs 53mm diameter, materials: aluminium/rubber
Supplementary experiment on slip forces between two rotating discs in contact
Strain gauge transducers for friction force 0...50N
Gearbox ratio i: 0.96
l x w x h 490x280x150mm.
Weight set up to 40N.



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