

## Electrical motor drive for piston - cylinder assemblies



### *Intended use*

Is intended for rotation of piston of piston-cylinder assemblies of deadweight testers MP and MGP produced by Alfapascal.

### *Highlights*

Designed for deadweight testers MP-6...MP-600 and MGP-0.2...MGP-100.

PCA life time increase due to piston damage (that was possible because of asymmetric loads induced at manual rotation) risks elimination and no impact force acting on the piston during rotation.

Smooth rotation start and stop.

Compact design of the drive unit to be installed directly on deadweight tester basement.

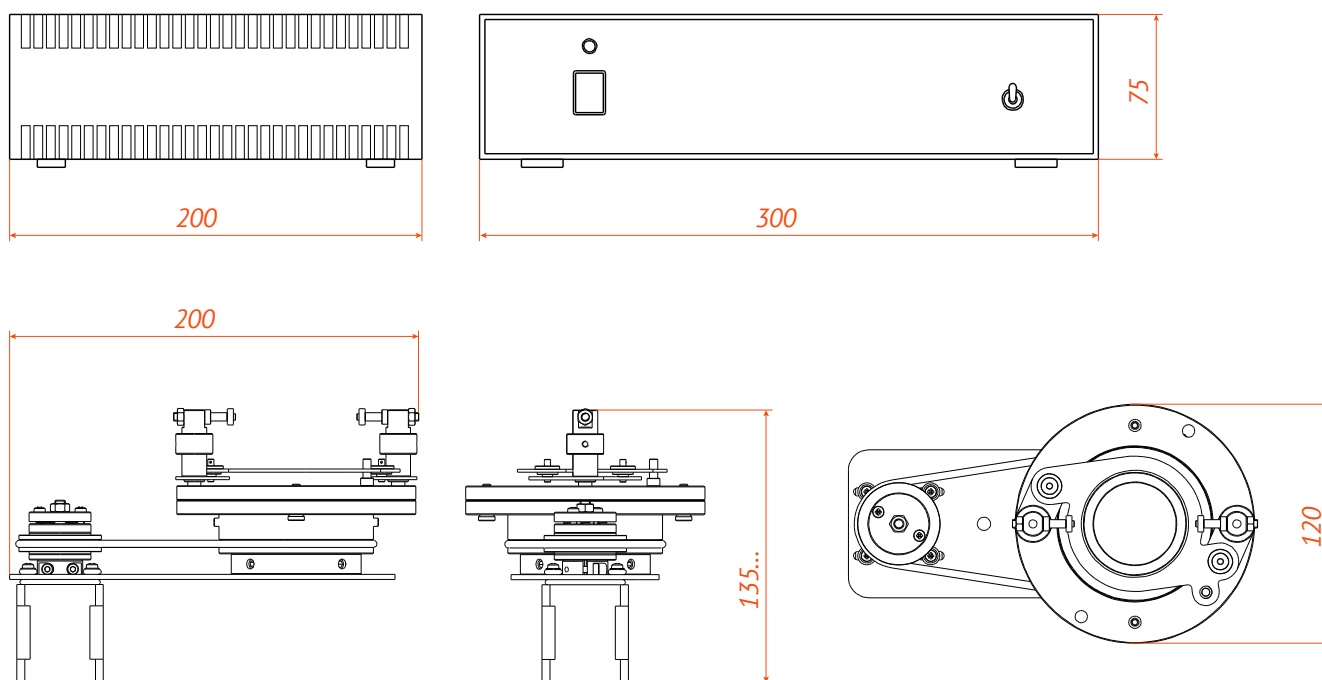
Installation on Customer's existing deadweight tester is possible with some minor rework.

No vibration induced by the electric motor drive.

## Main Technical and Performance Data

Electrical motor drive for piston-cylinder assemblies	
Speed of rotation, at least	30 rpm
Supply mains voltage	220 V±10%
Supply mains frequency	50 Hz
Power consumption, no more than	50 W
Rotation unit mass, at most	2,4 kg
Control unit weight, at most	2,0 kg

## Overall dimensions



## Certification

Electrical motor drive for piston-cylinder assemblies is not subject to mandatory certification.

## Package

### Standard package

- drive;
- control unit;
- spare parts kit;
- user manual.

*Note: when ordering as an additional equipment for existing deadweight tester, bell and plate of PCA shall be reworked (please contact with the manufacturer).*