

Guide ISS adaptor mounting

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## Mounting of ID39-B adapter on the ISS servo motor

Convert the ISS ESM 60C or 80 servo motor with magnet coupling adapted to ID39-B style adapter for drive of CerCell equipment. The ISS ESM is used by Eppendorf Process-Control-Systems (PCS) model Celligen or BioFLO 120/320.



As original equipped with magnetic coupling. All easy to disassemble with ordinary tools.

The CerCell kit consist of:

1. ID39 aluminium adapter incl 4 Allan bolts
2. Sprocket wheel with ID3/8" hole
3. SP21 black polyurethane rubber coupling



CerCell seek to use bolts with internal hexagonal sockets. The bolts should be tighten 2-3 Nm or 2-3 lbf/feet torque. We suggest mounting the metal sprocket on the shaft before the large aluminium adapter!

Distance in between the rear flange of the metal sprocket and the motor flange / gearbox needs to around 2-3 mm or app 1/8". The metal sprocket to fasten with the black steel Allan bolt M5. Which need an Allen key 2.5 mm. Tighten well like 2-3 Nm or 2-3 lbf/feet.

Easy mounting on CerCell MST as well as CellVessel or BactoVessel with HPD drive.

We refer to these links

<http://cercell.com/support/drive-system-details/servo-motors/>

<http://cercell.com/support/drive-system-details/conversion-kits-for-servo-motors/>

<http://cercell.com/support/drive-system-details/couplings-in-adapters/>

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