

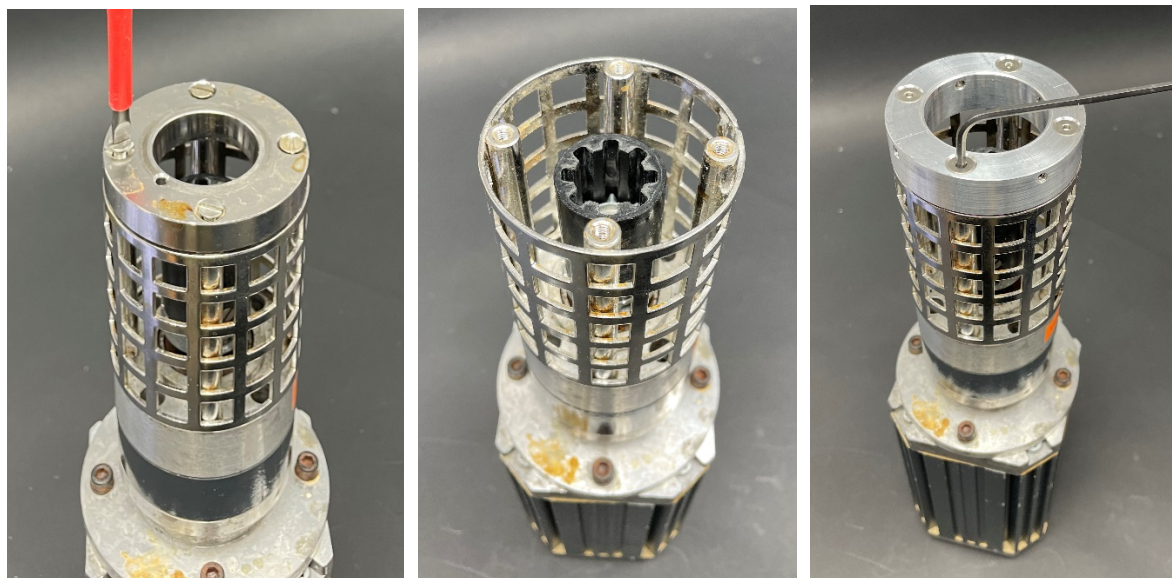
Guide Heidolph adaptor mounting  
Date: 2021-11-28  
Author: Per

## Mounting of ID39-B adapter on Heidolph 317 servo motor

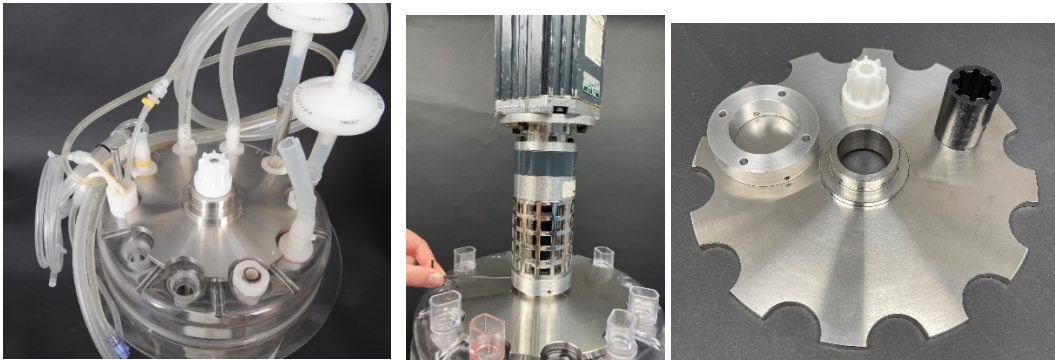
As early as 1980 the German company B.Braun in Melsungen went into bioreactor design and manufacturing. There were not so many smaller and compact servo motors available. The choice became the 4.1 kilo Heidolph model 317 servo motor rated at 4.000 RPM and 240 watt at 120 VAC most often equipped with a planetary drive gear ratio 3.7:1.



The CerCell kit consist of a metal replacement adapter incl 4 Allan bolts. The original front coupling has internal conical design fitting the B.Braun / Biostat combined stainless steel / glass bioreactor head plate from the 80ties. The CerCell replacement has internal cylindrical ID39 mm hole which fit to all the ID39-B format couplings.



Remove the 4 standard M4 screws and mount the new adaptor with 4 new Allan screws.



*Easy mounting on CerCell MST as well as on the OD250 mm CellVessel or OD250 mm BactoVessel HPD drive. Center photo show how you with al Allan key secure the two metal parts from the kit. Photo at right show the complete kit for Heidolph conversion.*

We do **NOT** recommend mounting this heavy servo motor on any of CerCell SUBs or SUFs with less than OD250 mm diameter.

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/>

END