

R0019108 Zip Gate Opener for RS Automation Gearbox

Details on the R0019108 Zip Gate Opener Assembly

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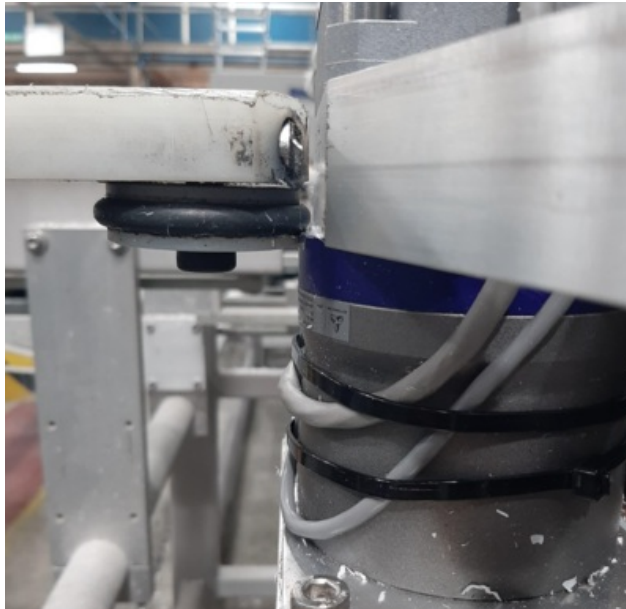
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Problem

When fitting an RS Automation motor on an X axis, a larger diameter gearbox is required. If fitted to a machine with a zip gate system, this creates a problem with the gap needed for the Zip gate shafts - it is not wide enough.

Solution

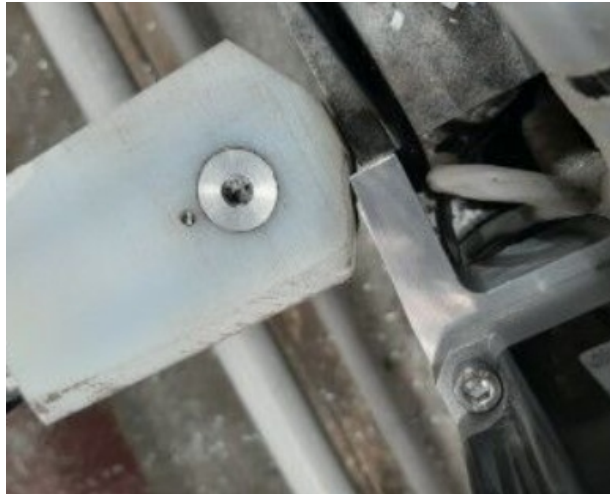
Original solution was to supply shorter Zip gate shafts, but this did not solve the entire issue, as the gearbox width is still too large, particularly when the zip gate opener is added. To overcome this, a flange for the gearbox was designed to become the zip gate opener. Issues had to be overcome for the zip opening height



This was overcome by reducing the gearbox plate mount width to drop the entire gearbox body below the zip gates



The addition of the rear stainless gate opener allows the opening dimension to be correct and overcome this issue



Fitting Issues

Beware of the gearbox bung. It must not protrude and hit the zip gates as in the picture below

