



STÖBER

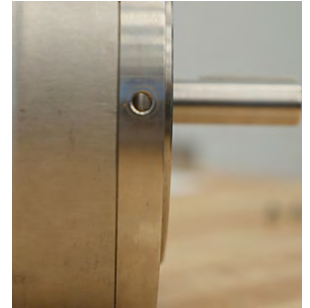
THE DANGERS OF WATER INGRESS



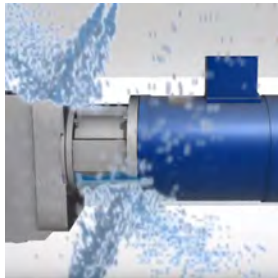
STÖBER O-ring to prevent ingress

Most NEMA motor manufacturers have face drains or weep holes in the bell housing to allow water to escape. These are to protect the motor if the shaft is pointing up and water reaches the face of the motor.

STÖBER provides an O-ring in the motor adapter to prevent water ingress into the motor adapter housing. This means the weep holes are not needed.



Motor Weep Holes



Ingress through weep holes

If your motor does have face drains, they will need to be plugged. Most manufacturers face drains are not tapped, so maintenance will have to plug these holes with silicone or other means.

If these holes are not plugged and the reducer is mounted with motor shaft down, the motor adapter housing will fill with water. This could lead to premature failure due to the water washing the grease out of the bearings. Avoid water ingress by simply plugging the motor weep holes.



Face Drains

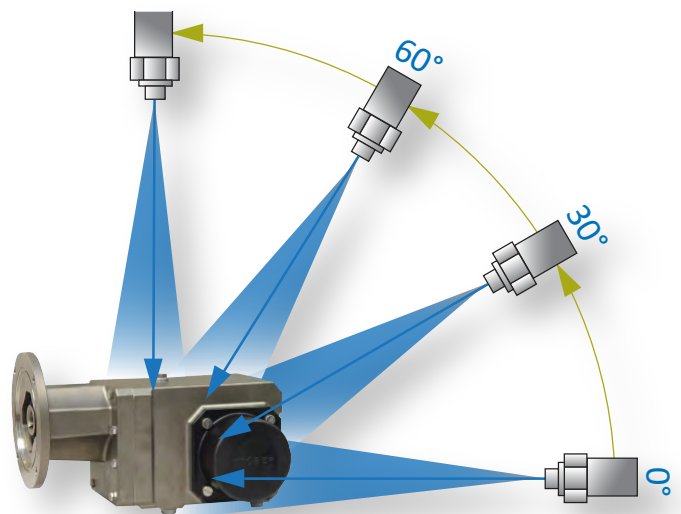
IP69K CERTIFIED to Prevent Water and Dust Ingress

Our products are put through an absolute worst-case washdown to make sure they can handle your toughest applications. This is the highest protection rating available. The test includes spraying units with:

- 176° F Water
- 1,450 PSI
- 10-15 cm from the reducer
- Rotated once every 12 seconds

THE RESULTS:

- No paint chipped off and there was NO water ingress to the reducer.
- The unit continued to run during and after the test.





STOBER

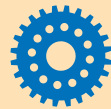
Our Three Pillars

STOBER is your **trusted partner** in providing the ultimate customer experience. From unsurpassed quality to rapid response support to fast delivery, we are the **gold standard** for gearboxes.



STOBER CONFIGURATOR

With the new STOBER Configurator, engineers and designers will save time in product selection and designing. Everything is a simple click away!



World's Toughest Gearbox
Best components and quality



Quick Delivery
Build & Ship in 1 Day



24/7, 365 Support
Real people all the time

9.1 YEARS

Average mean time to failure for STOBER gearboxes in 24/7 harsh environment application.

Asset reliability means you can depend on a STOBER gear reducer for years, increasing profits and surpassing plant efficiency and targets.

