



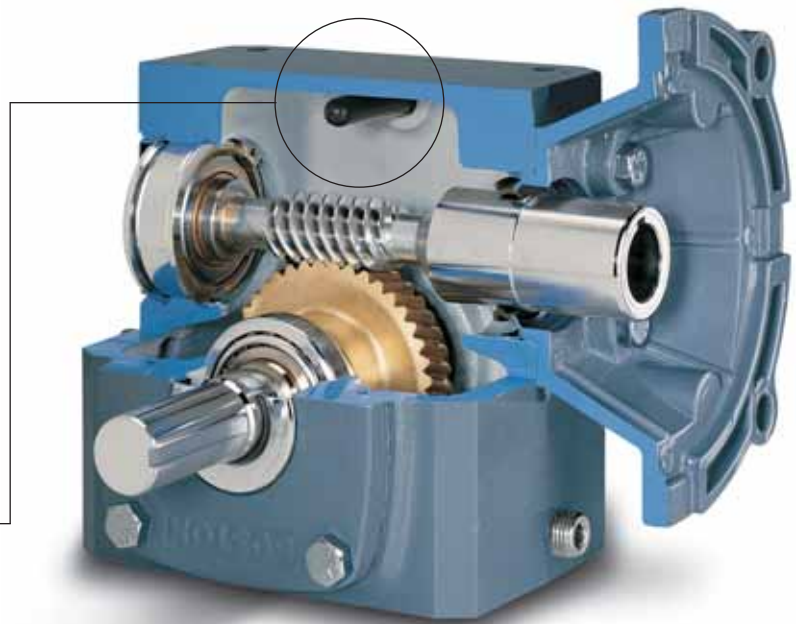
Application:
**Keeping Water
and Washdown
Solution Out**

Washdown solution and water do a number of useful things in your plant...until they get inside your gearboxes. There, they breakdown lubricant, cause premature wear, and ultimately lead to unpredictable failure.

That is why Boston Gear developed the PosiVent™, an entirely unique pressure compensation system that eliminates the need for breather vents and leaves the traditional "bladders" offered by some other gearbox companies in its dust.

The PosiVent has a single seam, unlike competitive versions whose multiple seams are often the source of leakage or failure. It was designed for easy assembly. Most importantly, the PosiVent has gone through extensive reliability testing, ensuring long life and effective performance.

Product Solutions for
The Bakery Industry



*In an independent study commissioned by Boston Gear,
36% of gearbox users cited water or washdown fluid
getting into their gearboxes as "a major concern".
It is alone the number one cause of gearbox failure.*

*The PosiVent is available on all configurations of the
700 Series line of speed reducers from Boston Gear.*

700 Series Worm Gear Speed Reducers all available with PosiVent™



The PosiVent™ System is ideal for applications where fine grain particles are present and can get absorbed into a gearbox using conventional pressure vents.



Caustic as well as mild solutions can cause pre-mature failure if they are allowed to enter your speed reducer. Washdown solutions break down lubrication and can lead to bearing and gear failures. The PosiVent™ System eliminates this failure mode with a completely sealed internal pressure compensation system.



All PosiVent™ equipped 700 Series reducers are factory filled for universal mounting. Right from the box the PosiVent™ reducer is ready for installation on your equipment.

See Boston Gear

Worm, Helical and Bevel Gear Drives Catalog (# 82545)
for detailed specifications.

To Order Call: 888-999-9860