



# PROMATION ENGINEERING

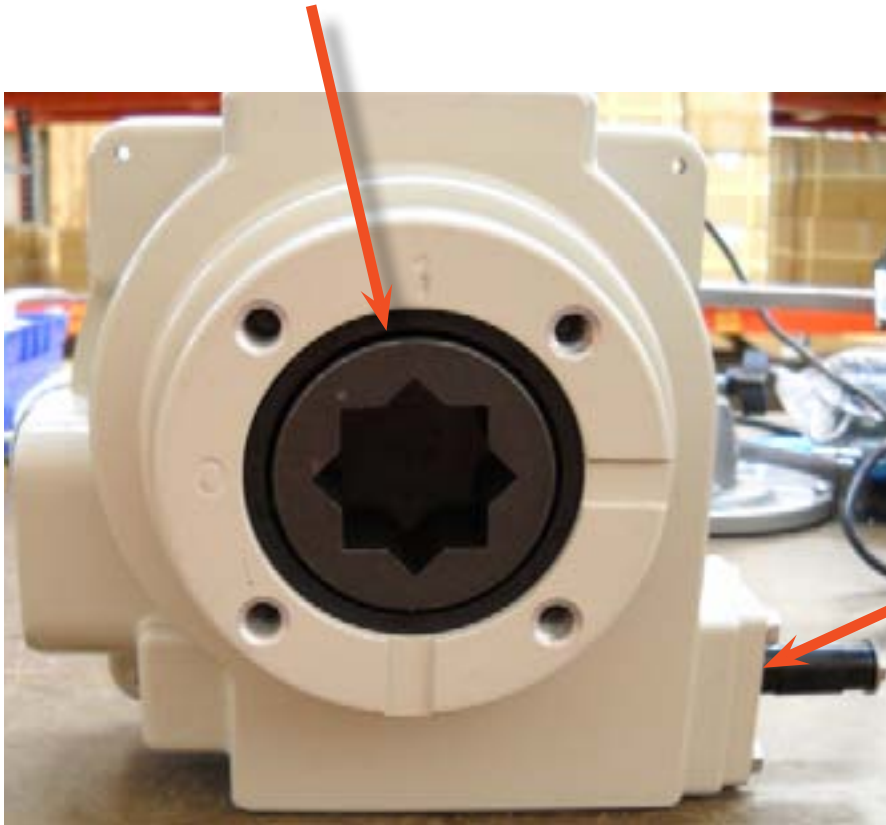
*Precision Actuation for Industry*

**Changes made to  
IP67  
P series for IP68  
compliance**



Feb 2014

For IP67 products, the OD of the output shaft is machined to provide a sealing surface for the bottom seal. For IP68 products, this surface is ground and polished to further increase the effectiveness of the rubber seal.



The override shaft receives the same attention to surface finish at the O-Ring seal contact area.

This procedure applies to P2 through P8 series products at this time. Continuing development will allow IP68 fabrication practices for P9 through P13 series products in 2015.