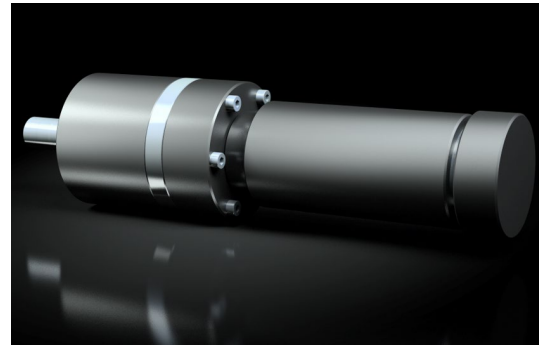




2020-04: PMG/ PMA – Surface treatment and change of centering

The product series PMG gearboxes and PMA servo actuators are used in applications with require high precision at small design environments. In accordance with our efforts for continuous quality improvement the following minor modifications of the gear housing of the product series PMG gearboxes and PMA servo actuators have been executed. This modification is not notifiable.



1 Affected products

The following products are affected by this change:

PMG series size 5-14

PMA series size 5-14

2 Description of modifications

2.1 Modified coating of gear housing

The gear housing of PMG and PMA is made of aluminum with a hard-anodized surface coating. In the area of the centering diameter of the gear housing the hard-anodized area will be interrupted by a small blanc area. The remaining gear housing will stay hard-anodized.

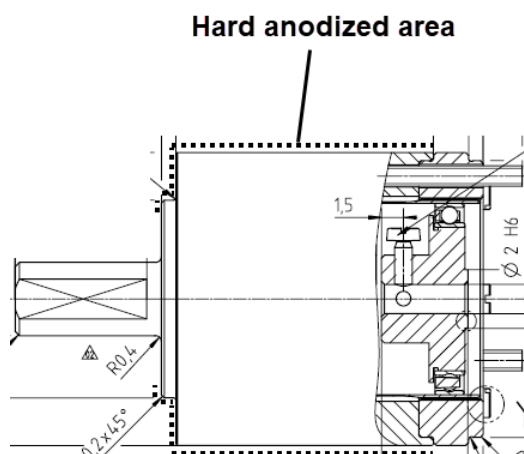


Figure 1: Before modification

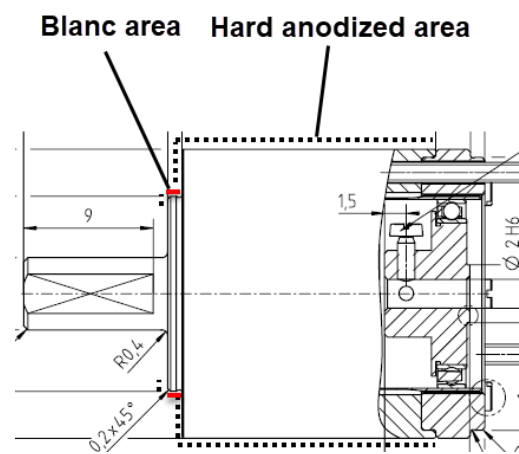


Figure 2: after modification

2.2 Tolerance of centering diameter (only PMG/ PMA sizes 5 and 8)

For the PMG and PMA sizes 5 and 8 the tolerance of the centering diameter has been modified. Sizes 11 and 14 are not affected by this change. The functionality of the fit between gearbox and interface structure is not affected, as the upper limit of the tolerance remains zero, see picture below. This tolerance is the same as for the similar miniature gears of the CSF-mini series at size 5 and 8 which proved their functionality.

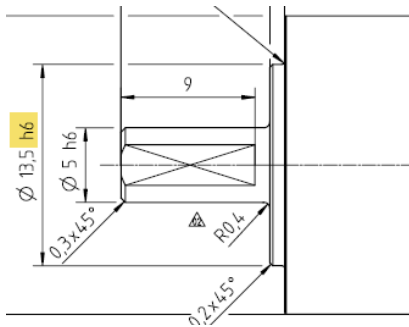


Figure 3: Before modification

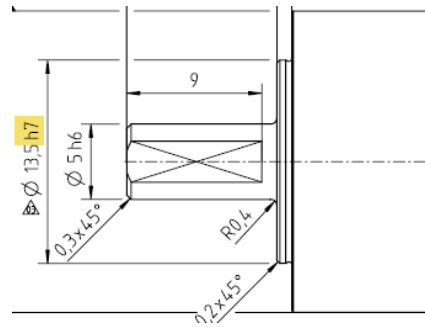


Figure 4: after modification

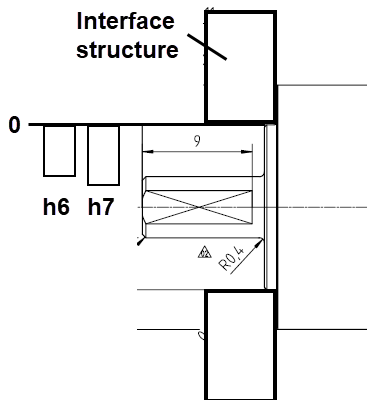


Figure 5 Scheme of tolerance field: old - h6, new - h7

3 Interchangeability of products

The products with in old and new configuration are mechanically interchangeable without restrictions.

4 Usability of old versions

Old product configurations can be used without restrictions.

5 Time schedule

The described modifications will become effective for deliveries starting from May 2020. In the transition time partially old versions may be delivered.

Product Information



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For further questions please contact your sales responsible

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