

**PRODUCT INFORMATION**  
**NEW SEALING SYSTEM FOR GOH**

In our efforts to continuously improve our designs, a new version of GOH 170 has been developed. The difference from the previous model is that the sealing system is changed to be more mounting friendly in our workshop. Consequently, the bushing with the new catalogue no. are fully interchangeable with the corresponding GOH with the old catalogue no.. Beside, the new sealing system is the first step in direction towards a GOH with increased overload capability.

The radial sealing is made out of an O-ring in fluorocarbon rubber quality with excellent high and low temperature properties as well as good chemical properties in the actual environment. The other sealings are made out of high quality nitrile rubber.

The new version has been subjected to extensive testing regarding sealing properties (1). To simulate the ageing over 30 years the bushing has been aged for 6 days in transformer oil at +200 C. After that the bushing has been temperature cycled between -40 C and +100 C, 24 hours at each temperature. During the temperature cycle the bushing was pressurized to an overpressure of more than one bar above maximum operating pressure. Beside those tests the bushing has also been subjected to a cantilever test of 10 kN on air respectively oil side and a vacuum test of 0.05 torr for 100 hours.

The bushing has passed the test without any remarks. It shall be pin-pointed that 6 days at 200 C is an extremely hard test far above what is required for the temperature class of this bushing.

The new version have new catalogue numbers according to the table below.

DESIGNATION	OLD CATALOGUE NO.	NEW CATALOGUE NO
GOH 170-10	LF 126 004-B	LF 126 007-A
GOH 170-16	LF 126 005-B	LF 126 008-A
GOH 170-25	LF 126 006-B	LF 126 009-A

**REFERENCES**

1) Test of new tightening system for bushing GOH 170/25. R TA 91-14. September 1991.

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