GOB with valve connection on mounting flange
Product information

General
On request, GOB bushings can be supplied with a ball valve connection on the mounting flange. The valve can be used for collecting oil sample, connecting the bushing to the transformers oil volume or to a separate expansion tank.

Design
The valve is placed on the mounting flange 90° from the test tap, see Fig. 1. The valve is also equipped with a sealing plug.

Mounting
In addition to the information in the Installation and Maintenance guide, 2750 515-12, the following applies to this model:

Valve used for oil sampling on vertically mounted bushing
No additional procedure has to be taken.

Bushing used for horizontal mounting
Two different alternatives can occur:

1. At vacuum filling of transformer
   Connect the bushing to the transformer via a flexible hose and open the valves. Mount the bushing with the oil connection upwards. The bushing will be completely oil filled at the filling of the transformer.

2. Filling of transformer without vacuum or mounting to a separate expansion tank
   Place the bushing vertically and open one of the oil filling plugs at the top. Add clean and dry transformer oil until the bushing is completely filled. Put back and tighten the plug. Connect the bushing immediately to the transformer via a flexible hose and open the valves. Mount the bushing with the oil connection upwards.
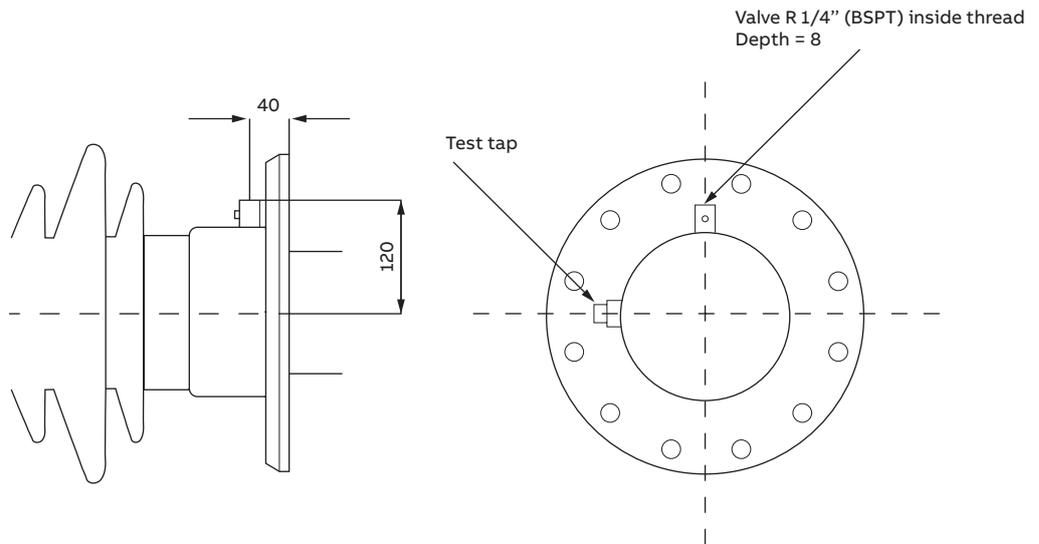
De-mounting
When the bushing is removed from the transformer it is completely filled with oil. Place the bushing vertically and adjust the oil level as shown in the Installation and Maintenance guide, 2750 515-12.

> ⚠ **WARNING**
> The bushing is delivered with its normal expansion volume. Thus the bushing must not be mounted horizontally without being completely oil filled. Neglecting this will cause flashover.
> During mounting, de-mounting and storing the bushing must never be left sealed without expansion volume. Neglecting this can cause breakdown of the bushing.

Valve R 1/4" (BSPT) inside thread
Depth = 8

Test tap

40

120

01 Valve connection on mounting flange.

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