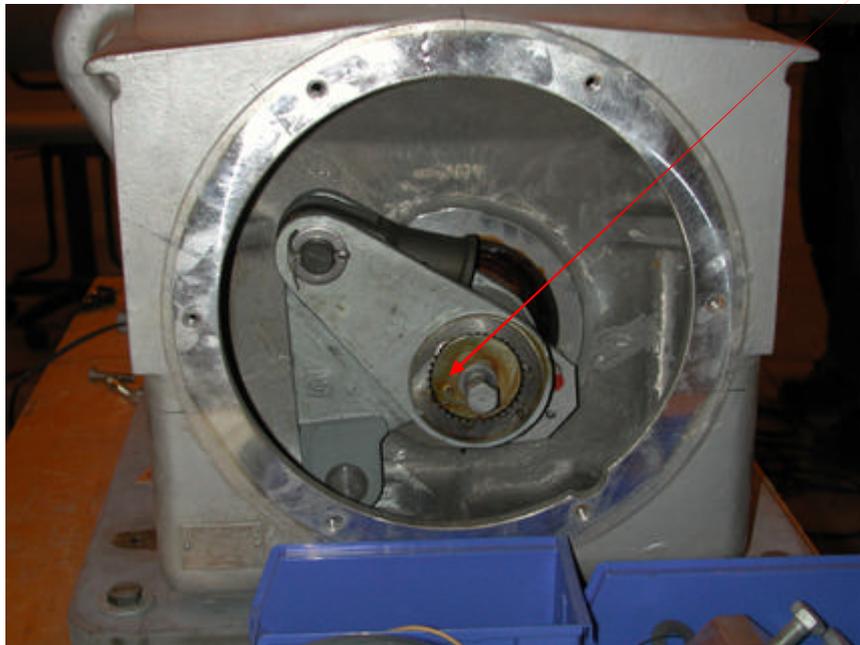


EXAMPLE 7 : HPL BREAKER (tests performed in Québec, Canada)

The HPL breaker is manufactured by ABB, and exist in several models with different mechanisms.

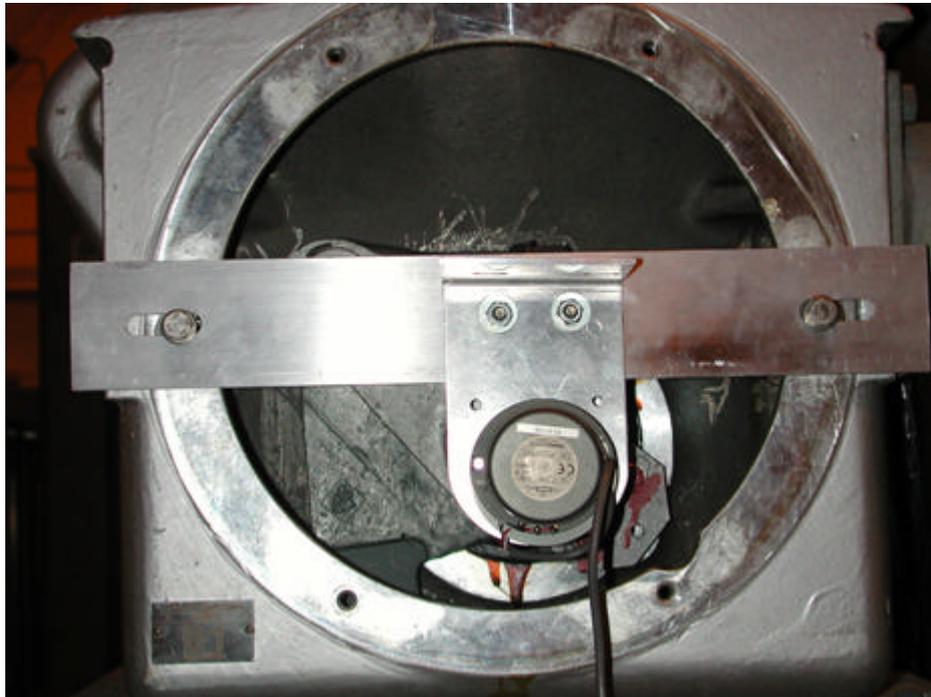


In the mechanism shown below, it is obvious that a **rotary-type** transducer is required. The transducer must be attached to the rotating part of the mechanism. Each phase of the breaker has such a mechanism. So, 3 **KIT-HPL rotary kits** are necessary to measure the displacement of each phase.

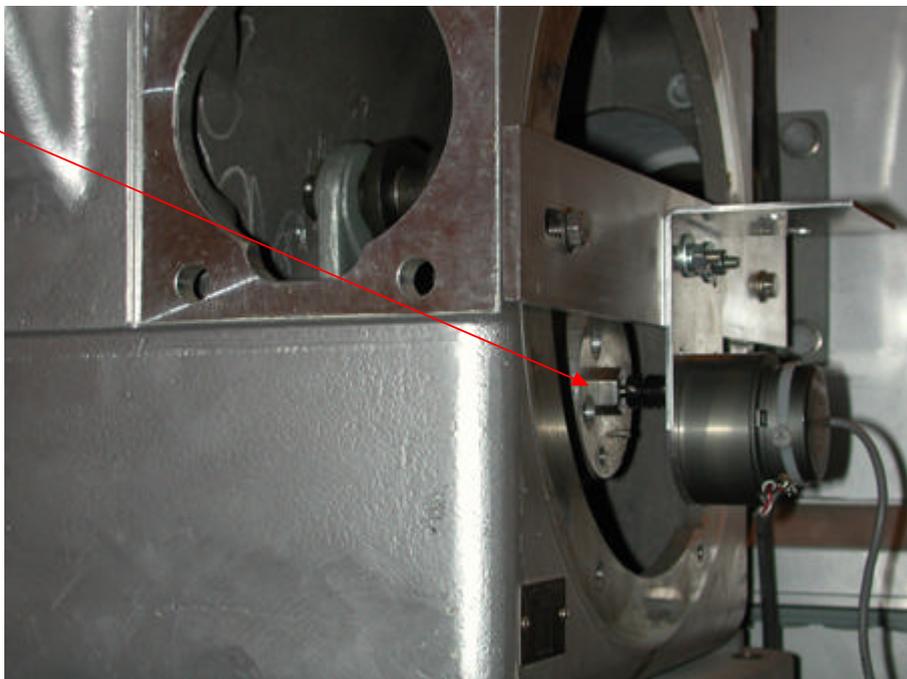


Here is an example of a mechanical base for a rotary transducer. As seen in the following photos, this base has unused holes and angles that can be used in other types of breakers.

Face-on view



Side view



The bolt, as well as the coupler that connects the transducer to the breaker's mechanism, are supplied with the KIT-HPL.