


LOHER – A Siemens Company

We supply High-Efficiency Motors over the whole power range according to the new Efficiency Standard IEC 60034-30, including explosion-proof motors.

The output range of the IE2 motors starts at 0,75 kW and goes up to 375 kW, for frequencies of 50 Hz and 60 Hz, for 2, 4, and 6 pole motors.

Loher – Your pert for explosion-proof motors – supplies High-Efficiency Motors in the mentioned output range in the following explosion protection designs:

Ex d / Ex de (flameproof enclosure)

Ex e (increased safety)

Ex n (non-sparking)

The efficiency increase compared to the IE1-standard is materialized by using more active and partially even higher-class materials.

The standardized allocation of outputs to the mechanical dimensions according to EN 50 347 remains unchanged.

Despite the fact that the efficiency limits according to IE3 will only come into effect in 2017 we can already supply such motors in the designs as mentioned above.

