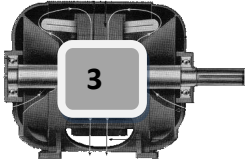
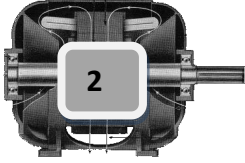
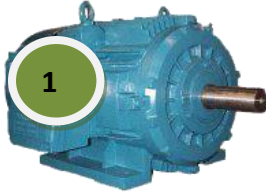
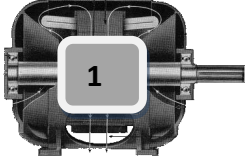
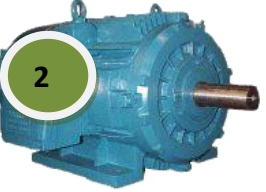




EU Regulation – 640/2009

Eco-design requirements for electric motors

Maximum power rating covered is 375kW and electric motors for ATEX use are excluded.

EFF ratings - Voluntary	IE ratings - Mandatory
 <p>Standard efficiency</p>	<p>NO EQUIVALENT</p>
 <p>Improved efficiency</p>	 <p>up to 15 June 2011</p> <p>Standard efficiency</p>
 <p>High efficiency</p>	 <p>from 16 June 2011</p> <p>High efficiency</p> <p>between 0,75 kW and 375 kW</p>
<p>NO EQUIVALENT</p>	 <p>from 1 January 2015</p> <p>Premium efficiency</p> <p>between 7,5 kW and 375 kW</p> <p>or meet the IE2 efficiency level, and be equipped with a variable speed drive</p>
<p>NO EQUIVALENT</p>	 <p>from 1 January 2017</p> <p>Premium efficiency</p> <p>between 0,75 kW and 375 kW</p> <p>or meet the IE2 efficiency level, and be equipped with a variable speed drive</p>

Repair/rewind – existing installed motors is permitted. Rewound motors do not have to comply. Rewinding usually reduces motor efficiency

Efficiency ratings

The nominal minimum efficiencies for 2, 4 and 6 pole motors operating at 50 Hz is given in tables in Annex I of the Regulation.

Revision

The Commission shall review this Regulation in the light of technological progress on both motors and drives no later than seven years after its entry into force, i.e. August 2016

Further information can be obtained from BCAS.