



## Efficiency requirement timeline

Ecodesign		Minimum efficiency requirements					
Induction motor $\geq 50V$ to $\leq 1000V$		Until 30 <sup>th</sup> June 2021	From 1 <sup>st</sup> July 2021	From 1 <sup>st</sup> July 2023			
$\geq 0.12kw$ to $< 0.75kw$	3 phase – 2/4/6 pole	-	IE2 <sup>1</sup>				
	3 phase – 8 pole						
$\geq 0.75kw$ to $< 75kw$	3 phase – 2/4/6 pole	IE2 + VSD or IE3	IE3 <sup>1</sup>	IE4 <sup>2</sup>			
	3 phase – 8 pole	-					
$\geq 75kw$ to $\leq 200kw$	3 phase – 2/4/6 pole	IE2 + VSD or IE3	IE3 <sup>1</sup>	IE4 <sup>2</sup>			
	3 phase – 8 pole	-	IE3 <sup>1</sup>				
$> 200kw$ to $\leq 375kw$	3 phase – 2/4/6 pole	IE2 + VSD or IE3	IE3 <sup>1</sup>				
	3 phase – 8 pole	-					
$> 375kw$ to $\leq 1000kw$	3 phase – 2/4/6 pole	-	IE3 <sup>1</sup>				
$\geq 0.12kw$ to $\leq 1000kw$	3 phase – 2/4/6 pole Ex eb (Increased safety)	-	-	IE2			
$\geq 0.12kw$ to $\leq 1000kw$	1 phase – 2/4/6/8 pole	-	-	IE2			
High voltage motors, DC motors, mining motors, pole changing motors & Totally Enclosed Non-ventilated (TENV)		Excluded					
<sup>1</sup> Includes: Brake motors, motors for explosive atmospheres: Ex ec, Ex tb, Ex db & Ex dc. Motors rated for duty class: S1, S3 > 80%, S6 > 80% and Totally Enclosed Air over (TEAO) motors.							
<sup>2</sup> Exempt: ATEX motors according to 2014/34/EU. Brake motors							