



Country Fact Sheet Motors

Mexico



Regional Characteristics											
Voltage	3 ~ 480V ± 10%										
Frequency	60 Hz										
Approval Mark	UL recognized or UL listed										
Standard	UL 1004										
Scope	Not mandatory but strict market requirement due to insurance and employer safety reasons. Proofs the accordance with UL standards and verifies product testing regarding safety aspects like flammability.										
Marking	 (for components) or  (for devices)										
Energy Efficiency	Norma Oficial Mexicana										
Regulation	NOM 016 ENER 2016										
Mandatory Efficiency Class	Premium (equates to IE3)										
Scope	<ul style="list-style-type: none"> - Rated output power from (0.75 kW) up to (375 kW) - Rated voltage up to 600 V - Rated frequency 50 and 60 Hz - 2-, 4-, 6- and 8-pole - For continuous duty operation 										
Exemptions	<ul style="list-style-type: none"> - Intermittent duty like S3 or S6 (duty factor <80%) - Motors for heavy environmental conditions like ambient temperature above +60°C or below -30°C, installation altitude above 4000m - Pole-changeable motors 										
Solutions from Lenze											
Three-phase AC motors	<table border="0"> <tr> <td>0.12 ... 0.55 kW</td> <td>m550-H IE2-high efficiency motors</td> </tr> <tr> <td>0.75 ... 22.0 kW</td> <td>m550-P IE3-premium efficiency motors</td> </tr> <tr> <td>30.0 ... 55.0 kW</td> <td>m540-P IE3-premium efficiency motors</td> </tr> <tr> <td>0.55 ... 22.0 kW</td> <td>MF inverter-optimized AC motors</td> </tr> <tr> <td>0.47 ... 1.36 kW</td> <td>m300 Lenze Smart Motors</td> </tr> </table>	0.12 ... 0.55 kW	m550-H IE2-high efficiency motors	0.75 ... 22.0 kW	m550-P IE3-premium efficiency motors	30.0 ... 55.0 kW	m540-P IE3-premium efficiency motors	0.55 ... 22.0 kW	MF inverter-optimized AC motors	0.47 ... 1.36 kW	m300 Lenze Smart Motors
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