



Standards, regulations nomenclature

Mexico

Directive	Preferred voltages	Circuit	Frequency
NOM-016-ENER-2010	127/220 V 440 V	Δ/Y	60 Hz

Designation	MEPS
Mandatory as of	19.12.2010
Power range	0,75-373 kW / 1,0-500 hp
Number of poles	2,4,6,8
Relevant exceptions • MEPS	<p>1. Switchable pole motors \Rightarrow C7-11</p> <p>2. Single phase motors \Rightarrow C12-13</p> <p>3. Intermittent operation / Short term operation The directive only applies to motors in continuous operation. Other operating modes are exempted from the directive, e.g.:</p> <ul style="list-style-type: none"> • S2 • S3 • S6 <p>Explanation of operating modes \Rightarrow A19</p> <p>Motor data \Rightarrow C2 and above</p>
Special features	The efficiencies correspond to IE3 Premium Efficiency. However, the permissible tolerances for the efficiency are considerably larger than in other regions. Because of this, IE3 Premium Efficiency motors can be used which are rated for 460V / 60 Hz.

Type Plates

CUS (Premium)

							98512/26
Type SK 90 LP/4 CUS TF							
3~ Mot.	No. 34714712		FIN 12345678				
INS F	NEMA	IP55	S1	AMB 40 °C	TEFC	DP	
60Hz	230/460 V YY/Y		Hz	V YY/Y			
Φ	5.60/2.80 A	2 HP	A	1,5 kW	Φ		
	PF 0,78	1730 rpm	PF	rpm			
EFF 87%	CODE K	EFF	CODE				
SF1.15	SF	A SF	SF				
V		V					
ASF		ASF					
Over Temp Prot-2 Class F							

IE3 (Geared motor)

				98512/26
Type SK 90 LP/4				
3~ Mot.	No. 2005471179-600		12345678	
Th.Cl.155 (F)	IP 55	S1	IEC 60034 (H)	
50 Hz	230/400 V Δ /Y		60 Hz	265/460 V Δ /Y
Φ	6,4/3,7 A	1,5 kW	4,9/2,8 A	1,5 kW
	COS ϕ 0,7	1430 min ⁻¹	COS ϕ 0,76	1730 min ⁻¹
V		V		
A		A		
IE3=85,3%		IE3=87%		