

Data Sheet

Electramo NV		Electric motor Type				
Ampèrestraat 19M 3861 NC Nijkerk Nederland +31 33 245 94 44 info.nederland@ electramo.com www.electramo.com		YE3-160M-4 - 11kW - 1470rpm - 400V/690V - 50Hz				
Standard - Type		IEC60034		IE3		
Insulation class		F/B				
Temperatures		-20°C / 40°C				
Connection - Phases		Δ	Y	Δ	Δ	Δ
Tension	V	400	690	440	460	480
Frequency	Hz	50	50	60	60	60
Output	kW	11,00	11,00	13,20	13,20	13,20
Speed	min⁻¹	1.470	1470	1764	1764	1.764
Current	A	20,40	11,80	22,29	21,33	20,44
Efficiency	%	100%	75%	50%		
		91,40	91,50	88,70		
Cos φ		100%	75%	50%		
		0,85	0,81	0,72		
Starting Current	Ia/In	7,70				
No Load Current	A	10,20	400V 50Hz			
Nominal Torque	Nm	71,50				
Starting Torque	Ms/Mn	2,20				
Maximum Torque	Mmax/Mn	2,30				
Construction		Cast Iron				
Mounting position		B3-feet-horizontal				
Protection		IP 55				
Cooling method		IC411				
Duty type		S1				
Tropical treatment		95%				
Max. altitude A.S.L.		1000 m				
Paint (body / fan cover)		RAL7030				
Terminal Box Position		Top-A1				
Cable entries		2 x M40x1,5 + 1 x M16x1,5				
Direction of rotation		← / →				
Drain hole		Lowest point-with plug				
Bearing DE		6309 2RS C3				
Bearing NDE		6309 2RS C3				
Shaft dimensions	mm	42 x 110				
Oilseals DE / NDE	mm	45 x 70 x 8		45 x 70 x 8		
Balancing (Class)		Half Key		A (IEC 60034-14)		
Moment of inertia	J	0,1370		kgm ²		
Sound level - L(p)A	dB(A)	65,0		50Hz - at 1m - no load		
Weight	Kg	132,0				
Options & Extras		PTC				
HS Code		85015230 90				