

## Data Sheet

<b>Electramo NV</b> Industrieweg 14 B-2390 Malle Belgium +32 3 311 65 40 info@electramo.com www.electramo.com BE 0414.941.452	<b>Electric motor Type</b>	<b>YE3-225S-4 - 37kW - 1480 rpm - 400V/690V</b>					
	<b>Efficiencies</b>	IEC60034-30		IE3 (Premium Efficiency)			
	<b>Insulation class</b>	F / B					
	<b>Temperatures</b>	-20°C / +40°C					
	<b>Connection - Phases</b>	$\Delta$	Y	$\Delta$	$\Delta$	$\Delta$	
	<b>Tension</b>	<b>V</b>	400	690	440	460	480
	<b>Frequency</b>	<b>Hz</b>	50	50	60	60	60
	<b>Output</b>	<b>kW</b>	37,00	37,00	44,40	44,40	44,40
	<b>Speed</b>	<b>min<sup>-1</sup></b>	1.480	1480	1776	1776	1776
	<b>Current</b>	<b>A</b>	66,13	38,14	72,14	69,01	66,13
	<b>Efficiency</b>	<b>%</b>	<b>100%</b>	<b>75%</b>	<b>50%</b>		
			93,90	94,00	93,50		
	<b>Cos <math>\phi</math></b>		<b>100%</b>	<b>75%</b>	<b>50%</b>		
			0,86	0,80	0,70		
	<b>Starting Current</b>	<b>A</b>	7,40	Ia/In			
	<b>No Load Current</b>	<b>A</b>	28,68	400V 50Hz			
	<b>Nominal Torque</b>	<b>Nm</b>	238,75	Nm			
	<b>Starting Torque</b>	<b>Nm</b>	2,00	Ms/Mn			
	<b>Maximum Torque</b>	<b>Nm</b>	2,30	Mmax/Mn			
	<b>Construction</b>		Cast Iron				
	<b>Mounting position</b>		B3 - IM1001 - feet - horizontal				
	<b>Protection</b>		IP 55				
	<b>Cooling method</b>		IC 411				
<b>Duty type</b>		S1					
<b>Tropical treatment</b>		95%					
<b>Max. altitude A.S.L.</b>		1000 m					
<b>Paint (body / fan cover)</b>		RAL 7030					
<b>Terminal Box Position</b>		Top - A1					
<b>Cable entries</b>		2 x M50x1,5 + 1 x M16x1,5					
<b>Direction of rotation</b>		← / →					
<b>Drain hole(s)</b>		Lowest point - with plug					
<b>Bearing DE</b>		6313 C3					
<b>Bearing NDE</b>		6313 C3					
<b>Shaft dimensions</b>	<b>mm</b>	60 x 140					
<b>Oilseals DE / NDE</b>	<b>mm</b>	65 x 85 x 5,5		65 x 85 x 5,5			
<b>Balancing (Class)</b>		Half Key		A (IEC 60034-14)			
<b>Sound level - L(p)A</b>	<b>dB(A)</b>	70,0	50Hz - at 1m - no load				
<b>Weight</b>	<b>Kg</b>	379,8					
<b>Options &amp; Extras</b>		PTC					