

Data Sheet

Electric motor Type		EMS132L2-4 - 11kW - 1450 rpm - 400V/690V				
Efficiencies		IEC60034-30		Increased output		
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	1.450	1450	1740	1740	1740
Current	A	20,80	12,01	22,70	21,70	20,80
Efficiency	%	100%	75%	50%		
		89,80	90,20	89,20		
Cos ϕ		100%	75%	50%		
		0,85	0,83	0,73		
Starting Current	A	8,63	Ia/In			
No Load Current	A	7,93	400V 50Hz			
Nominal Torque	Nm	72,47	Nm			
Starting Torque	Nm	3,49	Ms/Mn			
Maximum Torque	Nm	3,06	Mmax/Mn			
Construction		Aluminum				
Mounting position		B3 - IM1001 - feet - horizontal				
Protection		IP 55				
Cooling method		IC 411				
Duty type		S1				
Tropical treatment		95%				
Max. altitude A.S.L.		1000 m				
Paint (body / fan cover)		RAL 5014 - RAL 9005				
Terminal Box Position		Top - A1				
Cable entries		2 x M25x1,5				
Direction of rotation		← / →				
Drain hole(s)		Lowest point - with plug				
Bearing DE		6308 2RS C3				
Bearing NDE		6308 2RS C3				
Shaft dimensions	mm	38 x 80				
Oilseals DE / NDE	mm	40 x 58 x 8		40 x 58 x 8		
Balancing (Class)		Half Key		A (IEC 60034-14)		
Sound level - L(p)A	dB(A)	74,0	50Hz - at 1m - no load			
Weight	Kg	60,5				
HS Code		85015230 90				