

## Data Sheet

Electric motor Type		EMS713-2 - 0,75kW - 2800 rpm - 230V/400V				
Efficiencies		IEC60034-30		Increased output		
Insulation class		F / B				
Temperatures		-20°C / +40°C				
Connection - Phases		Δ	Y	Y	Y	Y
Tension	V	230	400	440	460	480
Frequency	Hz	50	50	60	60	60
Output	kW	0,75	0,75	0,90	0,90	0,90
Speed	min <sup>-1</sup>	2.800	2800	3360	3360	3360
Current	A	3,04	1,75	1,91	1,82	1,75
Efficiency	%	<b>100%</b>	<b>75%</b>	<b>50%</b>		
		77,40	77,90	76,70		
Cos φ		<b>100%</b>	<b>75%</b>	<b>50%</b>		
		0,80	0,72	0,58		
Starting Current	A	6,53	Ia/In			
No Load Current	A	0,96	400V 50Hz			
Nominal Torque	Nm	2,56	Nm			
Starting Torque	Nm	3,90	Ms/Mn			
Maximum Torque	Nm	3,76	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		1 x M20x1,5				
Direction of rotation		← / →				
Drain hole(s)		Lowest point - with plug				
Bearing DE		6202 2RS C3				
Bearing NDE		6202 2RS C3				
Shaft dimensions	mm	14 x 30				
Oilseals DE / NDE	mm	15 x 25 x 7		15 x 25 x 7		
Balancing (Class)		Half Key		A (IEC 60034-14)		
Sound level - L(p)A	dB(A)	65,0	50Hz - at 1m - no load			
Weight	Kg	8,8				