

comelmar motors				Date:			
Data Sheet				No:			
Three Phase Induction Motor				Drawing No:			
Customer :			R. E. M.				
Client reference:							
Type:			AV 500 LK6				
Brand :			COMELMAR Date				
Identification							
Frame :		500 mm		Insulation Class :		F	
Output :		885 kW		Temperature Rise :		80K	
Frequency :		50 Hz		Service Factor :		1.0	
Poles :		6 P		Duty :		S1	
Rated Speed :		990 rpm		Ambient Temperature :		-20~45°C	
Slip :		0,010		Altitude :		1000m	
Rated Voltage :		6 kV		Protection Degree :		IP23	
Connection :		Y		Cooling :		IC01	
Rated Current :		104,9 A		Mounting :		IMV1	
Rotor Voltage :		-		Vibration : mm/s		2,8	
Connection :		-		Approx. Weight : kg		4500	
Rotor Current :		-		Moment of Inertia : kg-m2		45,0	
Locked Rotor Current :		600 %		Noise Level (Lp) : dB(A)		90	
No Load Current :		-		Direction of Rotation :		BOTH	
Rated Torque :		8537,1 Nm		Starting Method :		DIRECT ON LINE	
Locked Rotor Torque :		70 %		Coupling :		DIRECT	
Breakdown Torque :		180 %		Load Type :		PARABOLIC CURVE	
Performance				Bearing Information			
Output	50%	75%	100%		DE	NDE	
Efficiency(%):	92,6	95,5	95,5	Bearing :	6330C3	7328B	
				Regreasing int, (h)	4000	4000	
Power Factor:	0,72	0,81	0,85	Grease amount (g)	110	95	
				Grease-PolyrexEM	Caltex SRI-2	Caltex SRI-2	
Notes / Accessories				Deviation Sheet			
				COMELMAR		Customer	
With winding PT100 6 PCS							
With bearing PT100 2 PCS							
With Space Heater 230V							
Standards				PRELIMINARY DOCUMENT			
Specification		IEC60034-1					
Test	IEC60034-2						
Noise	IEC60034-9						
Vibration	IEC60034-14						
Edition							
Performed	Checked	Date					
		18.9.21					
Item	Changes			Performed	Checked	Date	