

comelmar motors				Date:			
Data Sheet				No:			
Three Phase Induction Motor				Drawing No:			
Customer :			R. E. M.				
Client reference:							
Type:			AVRT 500 LY6				
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 :		40°C		
Slip :	0,010		Altitude :		1000m		
Rated Voltage :	6000 V		Protection Degree :		IP55		
Connection :	Y		Cooling :		IC611		
Rated Current :	104,9 A		Mounting :		IMV1		
Rotor Voltage :	-		Vibration : mm/s		2,8		
Connection :	-		Approx. Weight : kg		6350		
Rotor Current :	-		Moment of Inertia : kg-m2		74,0		
Locked Rotor Current :	650 %		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 Touque :	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 RTD: PT100 6 PCS							
With Bearing RTD: 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	