

comelmar motors				Date:			
Data Sheet				No:			
Three Phase Induction Motor				Drawing No:			
Customer			R. E. M.				
Client reference							
Type:			AVRT 500 LT6				
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:	1	%	Altitude:	1000m			
Rated Voltage:	400	V	Protection Degree:	IP23			
Connection:	△		Cooling:	IC01			
Rated Current:	1582	A	Mounting:	IM V1			
Rotor Voltage:			Vibration:	2.8 mm/s			
Connection:			Approx. Weight:	6350 kg			
Rotor Current:			Moment of Inertia:	74 kg/m2			
Locked Rotor Current:	650	%	Noise Level (Lp) :	90			
No Load Current:			Direction of Rotation:	BOTH			
Rated Torque:	8537	Nm	Starting Method:	VFD			
Locked Rotor Torque:	70	%	Coupling:	DIRECT			
Breakdown Touque:	180	%	Load Type:				
Performance				Bearing Information			
Output:	50%	75%	100%		DE	NDE	
Efficiency(%):	92,2	95,3	95	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			
With winding PT100 6 PCS				COMELMAR		Customer	
With bearing PT100 2 PCS							
With space heater 230V							
With insulated shield NDE							
Standards				PRELIMINARY DOCUMENT			
Specification: IEC60034-1 / GB755							
Test: IEC60034-2 / GB/T1032							
Noise: IEC60034-9 / GB10069.3							
Vibration: IEC60034-14 / GB10068							
Edition							
Performed		Checked		Date			
				18.9.21			
Item	Changes			Performed	Checked	Date	