

Comelmar motors

Data Sheet				No.	
Three Phase Induction Motor				Drawing No.	
Customer					
Client reference					
Type:		CM 450-6			
Brand					
Identification					
Frame:	450	mm	Insulation Class:	F	
Output:	880	KW	Temperature Rise:	B	
Frequency:	50	Hz	Service Factor:	1,00	
Poles:	6	P	Duty:	S1	
Rated Speed:	992	rpm	Ambient Temperature:	-20~40°C	
Slip:	0,8	%	Altitude:	1000m	
Rated Voltage:	6000	V	Protection Degree:	IP23	
Connection:	Y		Cooling:	IC01	
Rated Current:	104,6	A	Mounting:	IM B5	
Rotor Voltage:		V	Vibration:	2.3 mm/s	
Connection:			Approx. Weight:	3660	kg
Rotor Current:		A	Moment of Inertia:	28,7	kg/m2
Locked Rotor Current:	650	%	Noise Level (Lp) :	90	dB(A)
No Load Current:			Direction of Rotation:	CW OR CCW	
Rated Torque:	8471,8	Nm	Starting Method:	DOL/VFD	
Locked Rotor Torque:	80	%	Coupling:	DIRECT	
Breakdown Touque:	200	%	Load Type:	PARABOLIC CURVE	
Performance			Bearing Information		
Output:	50%	75%	100%	DE	NDE
Efficiency(%):	92,3	95,3	95,2	Bearing:	6328C3
				Regreasing int.(h):	
Power Factor:	0,72	0,81	0,85	Grease amount(g)	
				Grease-PolyrexEM	Caltex SRI-2
					Caltex SRI-2
Notes / Accessories			Deviation Sheet		
Winding 6PT100 for Winding 2PT100 Bearing RTD			Customer		
Heater: 230V 2X200W					
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			
Item	Changes		Performed	Checked	Date