



VYBO Electric a.s.							
Data Sheet				No.			
Three Phase Induction Motor				Drawing No.			
Customer							
Client reference							
Type		H17R 450-2 900KW 6000V 50HZ					
Brand		VYBO Electric					
Identification							
Type:	H17R 450-2		Frame:	450		mm	
Power:	900	kW	Poles:	2		P	
Rated Current:	103,8	A	Rated Voltage:	6 000		V	
Speed:	2982	rpm	Connection:	Y			
Frequency:	50	Hz	Insulation Class:	F			
Locked Rotor Current:	700	%	Temperature Rise:	80K			
Rated Torque:	2882,3	Nm	Service Factor:	1,0			
Locked Rotor Torque:	70	%	Duty:	S1			
Breakdown Torque:	200	%	Ambient Temperature:	-20~40°C			
Noise level:	98	dB(A)	Altitude:	1000m			
Approx. weight:	4830	kg	Protection Degree:	IP55			
Rotor inertia:	22	kg/m2	Cooling:	IC411			
Slip:	0,0067		Mounting:	IM B3			
			Vibration:	2.8 mm/s			
			Direction of Rotation:	CW			
			Starting Method:	DOL			
			Coupling:	DIRECT			
			Load Type:	Parabolic or linear curve			
Performance				Bearing Information			
Output:	50%	75%	100%		DE	NDE	
Efficiency (%):	93	95,9	95,9	Bearing:	6222C3	6222C3	
				Regreasing int.(h):	2000	2000	
Power factor:	0,74	0,83	0,87	Grease amount(g):	38	38	
				Grease:	CALTEX SRI-2#	CALTEX SRI-2#	
Notes / Accessories							
With winding RTD: PT100 3 PCS							
With Bearing RTD: PT100 2 PCS							
With Space Heater 230V							
Standards							
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	