



VYBO Electric a.s.						
Data Sheet			No.			
Three Phase Induction Motor			Drawing No.			
Customer						
Client reference						
Type		H17R 450-2 1000KW 6000V 50HZ				
Brand		VYBO Electric				
Identification						
Type:	H17R 450-2		Frame:	450	mm	
Power:	1000	kW	Poles:	2	P	
Rated Current:	113,8	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:	3202,5	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:	5010	kg	Protection Degree:	IP55		
Rotor inertia:	23	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 (%):	93,2	96,1	96,1	Bearing:	6222C3	6222C3
				Regreasing int.(h):	2000	2000
Power factor:	0,75	0,84	0,88	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