


VYBO Electric a.s.							
Data Sheet			No.				
Three Phase Induction Motor			Drawing No.				
Customer							
Client reference							
Type		H17R 500-4 1600KW 6000V 50HZ					
Brand		VYBO Electric					
Identification							
Type:	H17R 500-4		Frame:	500		mm	
Power:	1600	kW	Poles:	4		P	
Rated Current:	185,7	A	Rated Voltage:	6 000		V	
Speed:	1488	rpm	Connection:	Y			
Frequency:	50	Hz	Insulation Class:	F			
Locked Rotor Current:	650	%	Temperature Rise:	80K			
Rated Torque:	10268,8	Nm	Service Factor:	1,0			
Locked Rotor Torque:	80	%	Duty:	S1			
Breakdown Torque:	200	%	Ambient Temperature:	-20~40°C			
Noise level:	100	dB(A)	Altitude:	1000m			
Approx. weight:	7280	kg	Protection Degree:	IP55			
Rotor inertia:	73	kg/m2	Cooling:	IC411			
Slip:	0,008		Mounting:	IM B3			
			Vibration:	2.8 mm/s			
			Direction of Rotation:	BOTH			
			Starting Method:	DOL			
			Coupling:	DIRECT			
			Load Type:	Parabolic or linear curve			
Performance				Bearing Information			
Output:	50%	75%	100%		DE	NDE	
Efficiency (%):	93,5	96,4	96,4	Bearing:	6330C3	6330C3	
				Regreasing int.(h):	4000	4000	
Power factor:	0,73	0,82	0,86	Grease amount(g):	110	110	
				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	

