




VYBO Electric a.s.						
Data Sheet			No.			
Three Phase Squirrel Cage Induction Motor			Drawing No.			
Customer						
Client reference						
Type			H17R-500-4 1600KW 6000V 50HZ			
Brand			VYBO Electric			
General data			Environmental conditions			
Type:	H17R 500-4		Ambient Temperature:	-20~40°C		
Frame:	500	mm	Altitude:	1000 m		
Electrical data			Mechanical data			
Power:	1600	kW	Temperature Rise:	80K		
Rated Current:	175,7	A	Mounting:	IM B3		
Speed:	1500	rpm	Duty:	S1		
Frequency:	50	Hz	Protection Degree:	IP55		
Poles:	4	P	Insulation Class:	F		
Rated Voltage:	6 000	V	Cooling:	IC411		
Rated Torque	10187	Nm	Weight:	7180 kg		
Connection:	Y		Vibration:	2.8 mm/s		
Tmax/Tn:	2,5		Direction of Rotation:	Both		
Tst/Tn:	0,72		Starting Method:	DOL or VFD		
I <sub>max</sub> /I <sub>n</sub> :	6,4		Load Type:	Parabolic or linear curve		
J <sub>motor</sub>	37		Color:	RAL7030		
			Paint Shade:	shiny		
			Rotor Cage:	copper bar		
			Type of Terminal box:	VYBO CB1		
Performance			Bearing Information			
Output:	100%			DE	NDE	
Efficiency (%):	96,6		Bearing:	6330	6330	
Power factor:	0,91		Grease:	CALTEX SRI-2#	CALTEX SRI-2#	
Notes / Accessories						
6 x PT100 in windings						
1 x PT100 in NDE bearing						
1 x PT100 in DE bearing						
Space Heater 230V						
Standards						
Specification:	IEC60034-1					
Test:	IEC60034-2					
Noise:	IEC60034-9					
Vibration:	IEC60034-14					
Edition						
Performed		Checked	Date			
Item	Changes		Performed	Checked	Date	