



VYBO Electric a.s.								
Data Sheet				No.				
Three Phase Induction Motor				Drawing No.				
Customer								
Client reference								
Type				H17R 315-4 280KW 6000V 50HZ				
Brand				VYBO Electric				
Identification								
Type:	H17R 315-4		Frame:	315		mm		
Power:	280	kW	Poles:	4		P		
Rated Current:	33,9	A	Rated Voltage:	6000		V		
Speed:	1485	rpm	Connection:	Y				
Frequency:	50	Hz	Insulation Class:	F				
Locked Rotor Current:	650	%	Temperature Rise:	80K				
Rated Torque:	1800,7	Nm	Service Factor:	1,0				
Locked Rotor Torque:	80	%	Duty:	S1				
Breakdown Torque:	200	%	Ambient Temperature:	-20~40°C				
Noise level:	95	dB(A)	Altitude:	1000m				
Approx. weight:	2085	kg	Protection Degree:	IP55				
Rotor inertia:	8,5	kg/m2	Cooling:	IC411				
Slip:	0,01		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 (%):	91,7	94,5	94,5	Bearing:	6319C3	6319C3		
				Regreasing int.(h):	4000	4000		
Power factor:	0,71	0,8	0,84	Grease amount(g):	45	45		
				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		

