



VYBO Electric a.s.											
Data Sheet				No.							
Three Phase Induction Motor				Drawing No.							
Customer											
Client reference											
Type		H17R 355-2 315KW 6000V 50HZ									
Brand		VYBO Electric									
Identification											
Type:	H17R 355-2		Frame:	355		mm					
Power:	315	kW	Poles:	2		P					
Rated Current:	38,1	A	Rated Voltage:	6 000		V					
Speed:	2980	rpm	Connection:	Y							
Frequency:	50	Hz	Insulation Class:	F							
Locked Rotor Current:	700	%	Temperature Rise:	80K							
Rated Torque:	1009,5	Nm	Service Factor:	1,0							
Locked Rotor Torque:	70	%	Duty:	S1							
Breakdown Torque:	200	%	Ambient Temperature:	-20 ~ 40°C							
Noise level:	96	dB(A)	Altitude:	1000m							
Approx. weight:	2240	kg	Protection Degree:	IP55							
Rotor inertia:	6,5	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 (%):	91,8	94,6	94,6	Bearing:	6220C3	6220C3					
				Regreasing int.(h):	2000	2000					
Power factor:	0,71	0,8	0,84	Grease amount(g):	30	30					
				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											
<th colspan="4">Standards</th>								Standards			
Specification:	IEC60034-1 / GB755										
Test:	IEC60034-2 / GB/T1032										
Noise:	IEC60034-9 / GB10069.3										
Vibration:	IEC60034-14 / GB10068										
<th colspan="4">Edition</th>								Edition			
Performed		Checked		Date							
Item	Changes			Performed	Checked	Date					