



VYBO Electric a.s.								
Data Sheet				No.				
Three Phase Induction Motor				Drawing No.				
Customer								
Client reference								
Type				H17R 355-2 450KW 6000V 50HZ				
Brand				VYBO Electric				
Identification								
Type:	H17R 355-2			Frame:	355		mm	
Power:	450	kW		Poles:	2		P	
Rated Current:	53,1	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:	1442,1	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:	2550	kg		Protection Degree:	IP55			
Rotor inertia:	8	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 (%):	92	94,8	94,8	Bearing:	6220C3	6220C3		
				Regreasing int.(h):	2000	2000		
Power factor:	0,73	0,82	0,86	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								
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		