



VYBO Electric a.s.								
Data Sheet				No.				
Three Phase Induction Motor				Drawing No.				
Customer								
Client reference								
Type		H17R 355-6 280KW 6000V 50HZ						
Brand		VYBO Electric						
Identification								
Type:	H17R 355-6		Frame:	355		mm		
Power:	280	kW	Poles:	6		P		
Rated Current:	35,9	A	Rated Voltage:	6 000		V		
Speed:	985	rpm	Connection:	Y				
Frequency:	50	Hz	Insulation Class:	F				
Locked Rotor Current:	650	%	Temperature Rise:	80K				
Rated Torque:	2714,7	Nm	Service Factor:	1,0				
Locked Rotor Torque:	80	%	Duty:	S1				
Breakdown Torque:	200	%	Ambient Temperature:	-20~40°C				
Noise level:	92	dB(A)	Altitude:	1000m				
Approx. weight:	2720	kg	Protection Degree:	IP55				
Rotor inertia:	16,5	kg/m2	Cooling:	IC411				
Slip:	0,015		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	93,8	93,8	Bearing:	6322C3	6322C3		
				Regreasing int.(h):	4000	4000		
Power factor:	0,68	0,76	0,8	Grease amount(g):	60	60		
				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		

