




VYBO Electric a.s.								
Data Sheet			No.					
Three Phase Squirrel Cage Induction Motor			Drawing No.					
Customer								
Client reference								
Type			H27R-3552-6 315KW 6000V 50HZ					
Brand			VYBO Electric					
General data			Environmental conditions					
Type:	H27R 3552-6		Ambient Temperature:	-20~40°C				
Frame:	355	mm	Altitude:	1000 m				
Electrical data			Mechanical data					
Power:	315	kW	Temperature Rise:	80K				
Rated Current:	37,5	A	Mounting:	IM B3				
Speed:	990	rpm	Duty:	S1				
Frequency:	50	Hz	Protection Degree:	IP55				
Poles:	6	P	Insulation Class:	F				
Rated Voltage:	6000	V	Cooling:	IC611 (on request IC616, IC666)				
Rated torque	3039	Nm	Weight:	2550 kg				
Connection:	Y		Vibration:	2.8 mm/s				
Mmax/Mn:	2,2		Direction of Rotation:	Both				
Mst/Mn:	1,00		Starting Method:	DOL or VFD				
Ist/Mn:	5,6		Load Type:	Parabolic or linear curve				
Jmotor:	13,4	kg/m2	Color:	RAL7030				
Jload:	478	kg/m2	Paint shade:	shiny				
			Rotor cage:	copper bar				
			Type of terminal box:	VYBO CB1				
Performance			Bearing Information					
Output:	100%			DE	NDE			
Efficiency (%):	94,3		Bearing:	NU222+6024	NU222			
Power factor:	0,86		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