

VYBO Electric a.s.																										
Data Sheet No.																										
Three Phase Squirrel Cage Induction Motor Drawing No.																										
Customer																										
Client reference																										
Type					H17R-560-2 2000KW 6000V 50HZ																					
Brand					VYBO Electric																					
General data				Environmental conditions																						
Type:		H17R 560-2		Ambient Temperature:		-20~40°C																				
Frame:		560	mm	Altitude:		1000 m																				
Electrical data				Mechanical data																						
Power:		2000	kW	Temperature Rise:		80K																				
Rated Current:		218,7	A	Mounting:		IM B3																				
Speed:		3000	rpm	Duty:		S1																				
Frequency:		50	Hz	Protection Degree:		IP55																				
Poles:		2	P	Insulation Class:		F																				
Rated Voltage:		6 000	V	Cooling:		IC411																				
Rated Torque		6367	Nm	Weight:		7800 kg																				
Connection:		Y		Vibration:		2.8 mm/s																				
Tmax/Tn:		2,7		Direction of Rotation:		Both																				
Tst/Tn:		0,60		Starting Method:		DOL or VFD																				
Imax/In:		6,4		Load Type:		Parabolic or linear curve																				
Jmotor		28		Color:		RAL7030																				
				Paint Shade:		shiny																				
				Rotor Cage:		copper bar																				
				Type of Terminal box:		VYBO CB1																				
Performance				Bearing Information																						
Output:		100%				DE NDE																				
Efficiency (%):		97		Bearing:																						
Power factor:		0,91		Grease:																						
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																						
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