

VYBO Electric a.s. 					
Data Sheet			No.		
Three Phase Squirrel Cage Induction Motor			Drawing No.		
Customer					
Client reference					
Type		H17R-450-8 710KW 6000V 50HZ			
Brand		VYBO Electric			
General data			Environmental conditions		
Type:	H17R 450-8		Ambient Temperature:	-20~40°C	
Frame:	450	mm	Altitude:	1000 m	
Electrical data			Mechanical data		
Power:	710	kW	Temperature Rise:	80K	
Rated Current:	87,2	A	Mounting:	IM B3	
Speed:	750	rpm	Duty:	S1	
Frequency:	50	Hz	Protection Degree:	IP55	
Poles:	8	P	Insulation Class:	F	
Rated Voltage:	6 000	V	Cooling:	IC411	
Rated Torque	9041	Nm	Weight:	5700 kg	
Connection:	Y		Vibration:	2.8 mm/s	
Tmax/Tn:	2,3		Direction of Rotation:	Both	
Tst/Tn:	1,3		Starting Method:	DOL or VFD	
I _{max} /I _n :	5,8		Load Type:	Parabolic or linear curve	
J _{motor}	25		Color:	RAL7030	
			Paint Shade:	shiny	
			Rotor Cage:	copper bar	
			Type of Terminal box:	VYBO CB1	
Performance			Bearing Information		
Output:	100%			DE NDE	
Efficiency (%):	95,9		Bearing:	6328 6328	
Power factor:	0,82		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