

VYBO Electric a.s.



Data Sheet				No.		
Three Phase Induction Motor				Drawing No.		H17RL-3554-2 B3
Customer :						
Client reference:						
Type:		H17RL-3554-2-500KW 400(690)V 50HZ				
Brand :		VYBO Electric				
Identification						
Frame :	355 mm	Insulation Class:	F			
Output :	500 kW	Temperature Rise:	80K			
Frequency :	50 Hz	Service Factor /:	1.0			
Poles :	2 P	Duty :	S1			
Rated Speed :	2978 rpm	Ambient Temperature:	-20~40°C			
Slip :	0,0073	Altitude :	1000m			
Rated Voltage :	400/690 V	Protection Degree :	IP55			
Connection :	Δ/Y	Cooling :	IC411			
Rated Current :	846\491 A	Mounting :	IMB3			
Rotor Voltage :	-	Vibration : mm/s	2,8			
Connection :	-	Approx. Weight : kg	2580			
Rotor Current :	-	Moment of Inertia : kg-m2	6,4			
Locked Rotor Current :	700 %	Noise Level (Lp) : dB(A)	98			
No Load Current :	-	Direction of Rotation:	BOTH			
Rated Torque :	1603,4 Nm	Starting Method:	DIRECT ON LINE			
Locked Rotor Torque :	140 %	Coupling :	DIRECT			
Breakdown Touque :	200 %	Load Type:				
Performance				Bearing Information		
Output :	50%	75%	100%		DE	NDE
Efficiency(%):	93,2	96,1	96,1	Bearing:	6220C3	6220C3
				Regreasing int, (h)	2000	2000
Power Factor:	0,76	0,85	0,89	Grease amount (g)	30	30
				Grease	CALTEX SRI-2#	CALTEX SRI-2#
Notes / Accessories				Deviation Sheet		
With winding RTD: PTC150°C 3 PCS				VYBO Electric EU		Customer
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				