

VYBO Electric a.s.



Data Sheet				No.		
Three Phase Induction Motor				Drawing No.		H17RL-4005-8 B3
Customer :						
Client reference:						
Type:				H17RL-4005-8-500KW 400(690)V 50HZ		
Brand :				VYBO Electric		
Identification						
Frame :	400 mm		Insulation Class:	F		
Output :	500 kW		Temperature Rise:	80K		
Frequency :	50 Hz		Service Factor /:	1.0		
Poles :	8 P		Duty :	S1		
Rated Speed :	742 rpm		Ambient Temperature:	-20~40°C		
Slip :	0,0107		Altitude :	1000m		
Rated Voltage :	400/690 V		Protection Degree :	IP55		
Connection :	Δ/Y		Cooling :	IC411		
Rated Current :	933\541 A		Mounting :	IMB3		
Rotor Voltage :	-		Vibration : mm/s	2,8		
Connection :	-		Approx. Weight : kg	4100		
Rotor Current :	-		Moment of Inertia : kg-m2	31,0		
Locked Rotor Current :	650 %		Noise Level (Lp) : dB(A)	89		
No Load Current :	-		Direction of Rotation:	BOTH		
Rated Torque :	6435,3 Nm		Starting Method:	DIRECT ON LINE		
Locked Rotor Torque :	120 %		Coupling :	DIRECT		
Breakdown Touque :	200 %		Load Type:			
Performance				Bearing Information		
Output :	50%	75%	100%	Bearing:	DE	NDE
Efficiency(%):	92,9	95,8	95,8	Regreasing int, (h)	4000	4000
Power Factor:	0,69	0,77	0,81	Grease amount (g)	85	85
				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			