

# VYBO Electric a.s.



<b>Data Sheet</b>		No.
Three Phase Induction Motor		Drawing No. H17RL-4002-6 B3
Customer :		
Client reference:		
Type:	H17RL-4002-6-450KW 400(690)V 50HZ	
Brand :	<b>VYBO Electric</b>	

Identification			
Frame :	400 mm	Insulation Class:	F
Output :	450 kW	Temperature Rise:	80K
Frequency :	50 Hz	Service Factor /:	1.0
Poles :	6 P	Duty :	S1
Rated Speed :	990 rpm	Ambient Temperature:	-20~40°C
Slip :	0,01	Altitude :	1000m
Rated Voltage :	400/690 V	Protection Degree :	IP55
Connection :	Δ/Y	Cooling :	IC411
Rated Current :	790\458 A	Mounting :	IMB3
Rotor Voltage :	-	Vibration : mm/s	2,8
Connection :	-	Approx. Weight : kg	3650
Rotor Current :	-	Moment of Inertia : kg-m2	24,0
Locked Rotor Current :	680 %	Noise Level (Lp) : dB(A)	92
No Load Current :	-	Direction of Rotation:	BOTH
Rated Torque :	4340,9 Nm	Starting Method:	DIRECT ON LINE
Locked Rotor Torque :	120 %	Coupling :	DIRECT
Breakdown Touque :	200 %	<b>Load Type:</b>	

Performance				Bearing Information		
Output :	50%	75%	100%		DE	NDE
Efficiency(%):	93,0	95,9	95,9	Bearing:	6326C3	6326C3
				Regreasing int, (h)	4000	4000
Power Factor:	0,73	0,82	0,86	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

