

# VYBO Electric a.s.



<b>Data Sheet</b>		No.	
Three Phase Induction Motor		Drawing No.	H17RL-4503-8 B3
Customer :			
Client reference:			
Type:	H17RL-4503-8-500KW 400(690)V 50HZ		
Brand :	<b>VYBO Electric</b>		

### Identification

Frame :	450 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 :	0,011	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	4760
Rotor Current :	-	Moment of Inertia : kg-m2	47,0
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 %	<b>Load Type:</b>	

### Performance

Output :	50%	75%	100%
Efficiency(%):	92,9	95,8	95,8
Power Factor:	0,69	0,77	0,81

### Bearing Information

	DE	NDE
Bearing:	6328C3	6328C3
Regreasing int, (h)	4000	4000
Grease amount (g)	95	95
Grease	CALTEX SRI-2#	CALTEX SRI-2#

### Notes / Accessories

With winding RTD: PTC150°C 3 PCS  
 With bearing RTD: PT100 2 PCS  
 With space heater: 230V

### Deviation Sheet

VYBO Electric EU	Customer

### Standards

Specification :	IEC60034-1 / GB755
Test :	IEC60034-2 / GB/T1032
Noise :	IEC60034-9 / GB10069.3
Vibration :	IEC60034-14 / GB10068

### Edition

Performed	Checked	Date

