

VYBO Electric a.s.



Data Sheet		No.	
Three Phase Induction Motor		Drawing No. H17RL-4504-4 B3	
Customer :			
Client reference:			
Type:		H17RL-4504-4-1000KW 690V 50HZ	
Brand :		VYBO Electric	

Identification			
Frame :	450 mm	Insulation Class:	F
Output :	1000 kW	Temperature Rise:	80K
Frequency :	50 Hz	Service Factor /:	1.0
Poles :	4 P	Duty :	S1
Rated Speed :	1490 rpm	Ambient Temperature:	-20~40°C
Slip :	0,01	Altitude :	1000m
Rated Voltage :	690 V	Protection Degree :	IP55
Connection :	Δ	Cooling :	IC411
Rated Current :	988,0 A	Mounting :	IMB3
Rotor Voltage :	-	Vibration : mm/s	2,8
Connection :	-	Approx. Weight : kg	5500
Rotor Current :	-	Moment of Inertia : kg-m2	40,0
Locked Rotor Current :	750 %	Noise Level (Lp) : dB(A)	98
No Load Current :	-	Direction of Rotation:	BOTH
Rated Torque :	6409,4 Nm	Starting Method:	DIRECT ON LINE
Locked Rotor Torque :	110 %	Coupling :	DIRECT
Breakdown Touque :	220 %	Load Type:	

Performance				Bearing Information		
Output :	50%	75%	100%		DE	NDE
Efficiency(%):	93,6	96,5	96,5	Bearing:	6328C3	6328C3
				Regreasing int, (h)	4000	4000
Power Factor:	0,75	0,84	0,88	Grease amount (g)	95	95
				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

