

VYBO Electric a.s.



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

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 %	Load Type:	

Performance

Bearing Information

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

