

VYBO Electric a.s.



Data Sheet	No.
Three Phase Induction Motor	Drawing No. H17RL-4502-2 B3

Customer :	
Client reference:	
Type:	H17RL-4502-2-800KW 690V 50HZ
Brand :	VYBO Electric

Identification

Frame :	450 mm	Insulation Class:	F
Output :	800 kW	Temperature Rise:	80K
Frequency :	50 Hz	Service Factor /:	1.0
Poles :	2 P	Duty :	S1
Rated Speed :	2985 rpm	Ambient Temperature:	-20~40°C
Slip :	0,005	Altitude :	1000m
Rated Voltage :	690 V	Protection Degree :	IP55
Connection :	Δ	Cooling :	IC411
Rated Current :	784,0 A	Mounting :	IMB3
Rotor Voltage :	-	Vibration : mm/s	2,8
Connection :	-	Approx. Weight : kg	5100
Rotor Current :	-	Moment of Inertia : kg-m2	29,0
Locked Rotor Current :	750 %	Noise Level (Lp) : dB(A)	99
No Load Current :	-	Direction of Rotation:	CW
Rated Torque :	2559,5 Nm	Starting Method:	DIRECT ON LINE
Locked Rotor Torque :	110 %	Coupling :	DIRECT
Breakdown Touque :	200 %	Load Type:	

Performance

Bearing Information

Output :	50%	75%	100%		DE	NDE
Efficiency(%):	93,2	96,1	96,1	Bearing:	6222C3	6222C3
				Regreasing int, (h)	2000	2000
Power Factor:	0,76	0,85	0,89	Grease amount (g)	38	38
				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

