

VYBO Electric a.s.



Data Sheet				No.		
Three Phase Induction Motor				Drawing No.		H17RL-3553-2 B3
Customer :						
Client reference:						
Type:				H17RL-3553-2-450KW 400(690)V 50HZ		
Brand :				VYBO Electric		
Identification						
Frame :	355 mm		Insulation Class:	F		
Output :	450 kW		Temperature Rise:	80K		
Frequency :	50 Hz		Service Factor /:	1.0		
Poles :	2 P		Duty :	S1		
Rated Speed :	2978 rpm		Ambient Temperature:	-20~40°C		
Slip :	0,0073		Altitude :	1000m		
Rated Voltage :	400/690 V		Protection Degree :	IP55		
Connection :	Δ/Y		Cooling :	IC411		
Rated Current :	763\442 A		Mounting :	IMB3		
Rotor Voltage :	-		Vibration : mm/s	2,8		
Connection :	-		Approx. Weight : kg	2470		
Rotor Current :	-		Moment of Inertia : kg-m2	5,9		
Locked Rotor Current :	700 %		Noise Level (Lp) : dB(A)	98		
No Load Current :	-		Direction of Rotation:	BOTH		
Rated Torque :	1443,1 Nm		Starting Method:	DIRECT ON LINE		
Locked Rotor Torque :	140 %		Coupling :	DIRECT		
Breakdown Touque :	200 %		Load Type:			
Performance				Bearing Information		
Output :	50%	75%	100%	Bearing:	DE	NDE
Efficiency(%):	93,1	96,0	96	Regreasing int, (h)	2000	2000
Power Factor:	0,76	0,85	0,89	Grease amount (g)	30	30
				Grease	CALTEX SRI-2#	CALTEX SRI-2#
Notes / Accessories				Deviation Sheet		
With winding RTD: PTC150°C 3 PCS				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				