



VYBO Electric a.s.								
Data Sheet				No.				
Three Phase Induction Motor				Drawing No.				
Customer								
Client reference								
Type				1AL-80M 1-4 0,55KW 230/400V 50HZ				
Brand				VYBO Electric				
Identification								
Type:	1AL-80M 1-4			Frame:	80		mm	
Power:	0,55		kW	Poles:	4		P	
Rated Current:	380 V	1,52	A	Rated Voltage:	230	/	400	V
	400 V	1,44		Connection:	Δ/Y			
	415 V	1,38		Insulation Class:	F			
Speed:	1390		rpm	Temperature Rise:				
Frequency:	50		Hz	Service Factor:	1,0			
Direct on line starting torque ratio (LRT/RLT):	2,3			Duty:	S1, S2, S3, S4-S9			
Direct on line pull out torque ratio (BDT/RLT):	2,4			Ambient Temperature:	-35 ~ 50°C (On request possible 62°C)			
Direct on line starting current ratio (LRA/RLA):	5,2			Altitude:	1000m			
Efficiency:	71		%	Protection Degree:	IP55			
Power factor:	0,75			Cooling:	IC411			
Noise level:	58		dB(A)	Mounting:	IM B (On request)			
Weight:	10		kg	Vibration:	2.8 mm/s			
Rotor inertia:	0,0018		kg/m2	Direction of Rotation:	Both			
				Starting Method:	DOL or VFD			
				Coupling:	DIRECT			
				Load Type:	Parabolic or linear curve			
				Terminal box:	2-M20X1.5			
				Bearing Information				
					DE		NDE	
				Bearing:	62042Z		62042Z	
				Regreasing int.(h):				
				Grease amount(g):				
Grease:								
Notes / Accessories				Deviation Sheet				
				VYBO Electric		Customer		
Standards								
Specification:	IEC60034-1 / GB755							
Test:	IEC60034-2 / GB/T1032							
Noise:	IEC60034-9 / GB10069.3							
Vibration:	IEC60034-14 / GB10068							
Edition								
Performed		Checked		Date				
Item	Changes			Performed	Checked	Date		