



VYBO Electric a.s.								
Data Sheet			No.					
Three Phase Induction Motor			Drawing No.					
Customer								
Client reference								
Type		1AL-71M 1-2 0,37KW 230/400V 50HZ						
Brand		VYBO Electric						
Identification								
Type:	1AL-71M 1-2		Frame:	71		mm		
Power:	0,37 kW		Poles:	2		P		
Rated Current:	380 V	1,01	A	Rated Voltage:	230	/	400 V	
	400 V	0,96		Connection:	Δ/Y			
	415 V	0,92		Insulation Class:	F			
Speed:	2755 rpm		Temperature Rise:					
Frequency:	50 Hz		Service Factor:	1,0				
Direct on line starting torque ratio (LRT/RLT):	2,2		Duty:	S1, S2, S3, S4-S9				
Direct on line pull out torque ratio (BDT/RLT):	2,3		Ambient Temperature:	-35 ~ 50°C (On request possible 62°C)				
Direct on line starting current ratio (LRA/RLA):	6,1		Altitude:	1000m				
Efficiency:	69 %		Protection Degree:	IP55				
Power factor:	0,81		Cooling:	IC411				
Noise level:	64 dB(A)		Mounting:	IM B (On request)				
Weight:	6 kg		Vibration:	2.8 mm/s				
Rotor inertia:	0,00075 kg/m ²		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:	62022Z		62022Z	
				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		