



VYBO Electric a.s.								
Data Sheet				No.				
Three Phase Induction Motor				Drawing No.				
Customer								
Client reference								
Type				1AL-56 1-4 0,06KW 230/400V 50HZ				
Brand				VYBO Electric				
Identification								
Type:	1AL-56 1-4			Frame:	56		mm	
Power:	0,06	kW		Poles:	4		P	
Rated Current:	380 V	0,23	A	Rated Voltage:	230	/	400 V	
	400 V	0,22		Connection:	Δ/Y			
	415 V	0,21		Insulation Class:	F			
Speed:	1300	rpm		Temperature Rise:				
Frequency:	50	Hz		Service Factor:	1,0			
Direct on line starting torque ratio (LRT/RLT):	2,1			Duty:	S1, S2, S3, S4-S9			
Direct on line pull out torque ratio (BDT/RLT):	2,0			Ambient Temperature:	-35 ~ 50°C (On request possible 62°C)			
Direct on line starting current ratio (LRA/RLA):	4,0			Altitude:	1000m			
Efficiency:	56	%		Protection Degree:	IP55			
Power factor:	0,7			Cooling:	IC411			
Noise level:	48	dB(A)		Mounting:	IM B (On request)			
Weight:	3,8	kg		Vibration:	2.8 mm/s			
Rotor inertia:	0,0003	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:	62012Z		62012Z	
				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		