



VYBO Electric a.s.									
Data Sheet					No.				
Three Phase Induction Motor					Drawing No.				
Customer									
Client reference									
Type			3LC-160M 1-2 11KW 400/690V 50HZ						
Brand			VYBO Electric						
Identification									
Type:	3LC-160M 1-2		Frame:	160		mm			
Power:	11	kW	Poles:	2		P			
Rated Current:	400 V	19,6	A	Rated Voltage:	400	/	690 V		
Speed:	2950 rpm		Connection:	Δ/Y					
Frequency:	50 Hz		Insulation Class:	F					
Direct on line starting torque ratio (LRT/RLT):	2		Temperature Rise:						
Direct on line pull out torque ratio (BDT/RLT):	2,3		Service Factor:	1,0					
Direct on line starting current ratio (LRA/RLA):	8,1		Duty:	S1, S2, S3, S4-S9					
Efficiency:	91,2	%		Ambient Temperature:	-35~40°C				
Power factor:	0,89		Altitude:	1000m					
Noise level:	81	dB(A)		Protection Degree:	IP55				
			Cooling:	IC411					
			Mounting:	IM B (On request)					
			Vibration:	2.8 mm/s					
			Direction of Rotation:	Both					
			Starting Method:	DOL or VFD					
			Coupling:	DIRECT					
			Load Type:	Parabolic or linear curve					
			Terminal box:	2-M40X1.5					
				Bearing Information					
					DE		NDE		
				Bearing:	6309-2RZC3		6309-2RZC3		
				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			