




VYBO Electric a.s.													
Data Sheet							No.						
Three Phase Induction Motor							Drawing No.						
Customer													
Client reference													
Type							3LC-180L-4 22KW 400/690V 50HZ						
Brand							VYBO Electric						
Identification													
Type:			3LC-180L-4			Frame:			180			mm	
Power:			22		kW	Poles:			4		P		
Rated Current:		400 V	39,7		A	Rated Voltage:			400		/	690	V
Speed:			1475		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):					7,8		Duty:			S1, S2, S3, S4-S9			
Efficiency:			93		%	Ambient Temperature:			-35~40°C				
Power factor:			0,86			Altitude:			1000m				
Noise level:			76		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:			6311C3		6311C3	
							Regreasing int.(h):						
							Grease amount(g):						
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			