

VYBO Electric a.s.								
Data Sheet			No.					
Three Phase Induction Motor			Drawing No.					
Customer								
Client reference								
Type				4AL-160M 2-8 5,5KW 400/690V 50HZ				
Brand				VYBO Electric				
Identification								
Type:	4AL-160M 2-8			Frame:	160		mm	
Power:	5,5 kW			Poles:	8		P	
Rated Current:	380 V	12,7	A	Rated Voltage:	400	/	690 V	
	400 V	12		Connection:	Δ/Y			
	415 V	11,6		Insulation Class:	F			
Speed:	730 rpm			Temperature Rise:				
Frequency:	50 Hz			Service Factor:	1,0			
Direct on line starting torque ratio (LRT/RLT):	1,8			Duty:	S1, S2, S3, S4-S9			
Direct on line pull out torque ratio (BDT/RLT):	2			Ambient Temperature:	-35~50°C			
Direct on line starting current ratio (LRA/RLA):	8,1			Altitude:	1000m			
Efficiency:	88,3	%		Protection Degree:	IP55			
Power factor:	0,72			Cooling:	IC411			
Noise level:	68	dB(A)		Mounting:	IM B (On request)			
Weight:	137	kg		Vibration:	2.8 mm/s			
Rotor inertia:	0,10731	kg/m ²		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:	63092RZC3		63092RZC3	
				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		