
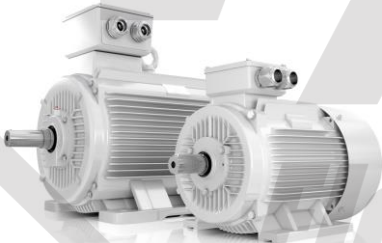


VYBO Electric a.s.								
<b>Data Sheet</b>					No.			
Three Phase Induction Motor					Drawing No.			
Customer								
Client reference								
Type			1LC-250M-4 55KW 400/690V 50HZ					
Brand			VYBO Electric					
Identification								
Type:	1LC-250M-4			Frame:	250			mm
Power:	55 kW			Poles:	4			P
Rated Current:	380 V	103	A	Rated Voltage:	400	/	690	V
	400 V	98,1		Connection:	Δ/Y			
	415 V	94,6		Insulation Class:	F			
Speed:	1480 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):	7,2			Altitude:	1000m			
Efficiency:	93 %			Protection Degree:	IP55			
Power factor:	0,87			Cooling:	IC411			
Noise level:	83 dB(A)			Mounting:	IM B (On request)			
Weight:	366 kg			Vibration:	2.8 mm/s			
Rotor inertia:	0,66 kg/m <sup>2</sup>			Direction of Rotation:	Both			
				Starting Method:	DOL or VFD			
				Coupling:	DIRECT			
				Load Type:	Parabolic or linear curve			
				Terminal box:	2xM63X1.5			
				Bearing Information				
					DE		NDE	
				Bearing:	6314C3		6314C3	
				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		