

VYBO Electric a.s.



Data Sheet

No.

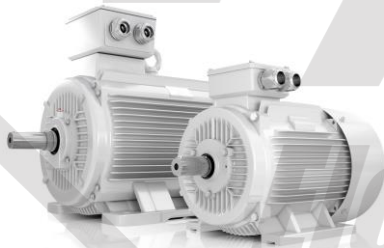
Three Phase Induction Motor

Drawing No.

Customer	
Client reference	
Type	1LC-160M1-8 4KW 400/690V 50HZ
Brand	VYBO Electric

Identification

Type:	1LC-160M1-8		Frame:	160		mm		
Power:	4	kW	Poles:	8		P		
Rated Current:	380 V	10,3	A	Rated Voltage:	400	/	690	V
	400 V	9,76		Connection:	Δ/Y			
	415 V	9,41		Insulation Class:	F			
Speed:	720	rpm	Temperature Rise:					
Frequency:	50	Hz	Service Factor:	1,0				
Direct on line starting torque ratio (LRT/RLT):	1,9		Duty:	S1, S2, S3, S4-S9				
Direct on line pull out torque ratio (BDT/RLT):	2		Ambient Temperature:	-35~50°C (On request possible 62°C)				
Direct on line starting current ratio (LRA/RLA):	6		Altitude:	1000m				
Efficiency:	81	%	Protection Degree:	IP55				
Power factor:	0,73		Cooling:	IC411				
Noise level:	68	dB(A)	Mounting:	IM B (On request)				
Weight:	95,5	kg	Vibration:	2.8 mm/s				
Rotor inertia:	0,0753	kg/m ²	Direction of Rotation:	Both				
			Starting Method:	DOL or VFD				
			Coupling:	DIRECT				
			Load Type:	Parabolic or linear curve				
			Terminal box:	2xM40X1.5				



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