

VYBO Electric a.s.



Data Sheet

No.

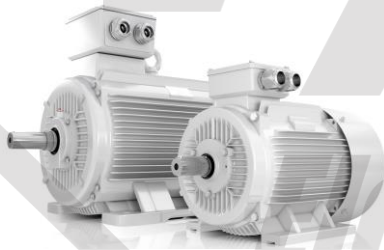
Three Phase Induction Motor

Drawing No.

Customer	
Client reference	
Type	1LC-180M-4 18.5KW 400/690V 50HZ
Brand	VYBO Electric

Identification

Type:	1LC-180M-4	Frame:	180	mm
Power:	18.5 kW	Poles:	4	P
Rated Current:	380 V	36,3	A	Rated Voltage: 400 / 690 V
	400 V	34,5		
	415 V	33,3		
Connection:	Δ/Y			
Insulation Class:	F			
Speed:	1470 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):	7,5		Altitude: 1000m	
Efficiency:	90	%	Protection Degree: IP55	
Power factor:	0,86		Cooling: IC411	
Noise level:	76	dB(A)	Mounting: IM B (On request)	
Weight:	150	kg	Vibration: 2.8 mm/s	
Rotor inertia:	0,139	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:	6311C3	6311C3
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