

# VYBO Electric a.s.



## Data Sheet

No.

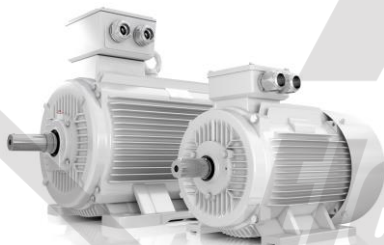
Three Phase Induction Motor

Drawing No.

Customer	
Client reference	
Type	1LCZ-180L-6 18,5KW 400/690V 50HZ
Brand	VYBO Electric

### Identification

Type:	1LCZ-180L-6	Frame:	180	mm
Power:	18,5 kW	Poles:	6	P
Speed:	980 rpm	Rated Voltage:	400 / 690	V
Frequency:	50 Hz	Connection:	Δ/Y	
Rated Current:	400 V	37,2 A	Insulation Class: F	
	690 V		Temperature Rise:	
Efficiency:	IE1	88,6	Service Factor: 1,0	
	100%	90	Duty: S1, S2, S3, S4-S9	
	75%	90,2	Ambient Temperature: -35 ~ 50°C (On request possible 62°C)	
	50%	88,9	Altitude: 1000m	
Power factor:	0,81		Protection Degree: IP55	
Noise level:	73	dB(A)	Cooling: IC411	
Weight:	178	kg	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):		
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