

VYBO Electric a.s.



Data Sheet

No.

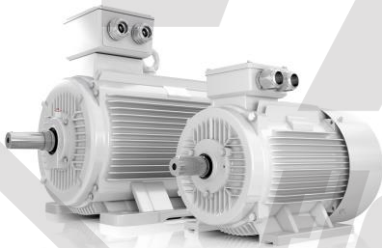
Three Phase Induction Motor

Drawing No.

Customer	
Client reference	
Type	1LC-225S-4 37KW 400/690V 50HZ
Brand	VYBO Electric

Identification

Type:	1LC-225S-4	Frame:	225	mm
Power:	37 kW	Poles:	4	P
Rated Current:	380 V	70,2	A	Rated Voltage: 400 / 690 V
	400 V	66,7		
	415 V	64,3		
Speed:	1475 rpm	Connection:	Δ/Y	
Frequency:	50 Hz	Insulation Class:	F	
Direct on line starting torque ratio (LRT/RLT):	2,2	Temperature Rise:		
Direct on line pull out torque ratio (BDT/RLT):	2,3	Service Factor:	1,0	
Direct on line starting current ratio (LRA/RLA):	7,2	Duty:	S1, S2, S3, S4-S9	
Efficiency:	92 %	Ambient Temperature:	-35~50°C (On request possible 62°C)	
Power factor:	0,87	Altitude:	1000m	
Noise level:	81 dB(A)	Protection Degree:	IP55	
Weight:	268 kg	Cooling:	IC411	
Rotor inertia:	0,406 kg/m ²	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:	2xM50X1.5	



Bearing Information

	DE	NDE
Bearing:	6313C3	6313C3
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