

# VYBO Electric a.s.



## Data Sheet

No.

Three Phase Induction Motor

Drawing No.

Customer	
Client reference	
Type	1LCZ-225M-2 55KW 400/690V 50HZ
Brand	VYBO Electric

### Identification

Type:	1LCZ-225M-2	Frame:	225	mm	
Power:	55 kW	Poles:	2	P	
Speed:	2970 rpm	Rated Voltage:	400 / 690	V	
Frequency:	50 Hz	Connection:	Δ/Y		
Rated Current:	400 V	95,8	A	Insulation Class:	F
	690 V	55,5			Temperature Rise:
Efficiency:	IE1	92,1	Service Factor:	1,0	
	100%	93	Duty:	S1, S2, S3, S4-S9	
	75%	91,9	Ambient Temperature:	-35 ~ 50°C (On request possible 62°C)	
	50%	89,2	Altitude:	1000m	
Power factor:	0,9		Protection Degree:	IP55	
Noise level:	92	dB(A)	Cooling:	IC411	
Weight:	324	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-M50X1.5	



### 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