

# VYBO Electric a.s.



## Data Sheet

No.

Three Phase Induction Motor

Drawing No.

Customer	
Client reference	
Type	1ALZ-100L-4 4KW 400/690V 50HZ
Brand	VYBO Electric

### Identification

Type:	1ALZ-100L-4	Frame:	100	mm
Power:	4 kW	Poles:	4	P
Speed:	1435 rpm	Rated Voltage:	400 / 690	V
Frequency:	50 Hz	Connection:	Δ/Y	
Rated Current:	400 V	8,5 A	Insulation Class:	
	690 V		F	
Efficiency:	IE1	83,1	Service Factor:	
	100%	85	Duty:	
	75%	84,8	S1, S2, S3, S4-S9	
	50%	82,7	Ambient Temperature:	
Power factor:	0,82	Altitude:		-35 ~ 50°C (On request possible 62°C)
Noise level:	64 dB(A)	Protection Degree:		IP55
Weight:	25 kg	Cooling:		IC411
		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-M25X1.5



### Bearing Information

	DE	NDE
Bearing:	62062Z	62062Z
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