

VYBO Electric a.s.



Data Sheet

No.

Three Phase Induction Motor

Drawing No.

Customer	
Client reference	
Type	1ALZ-100L-2 4KW 400/690V 50HZ
Brand	VYBO Electric

Identification

Type:	1ALZ-100L-2		Frame:	100	mm
Power:	4	kW	Poles:	2	P
Speed:	2880	rpm	Rated Voltage:	400 / 690	V
Frequency:	50	Hz	Connection:	Δ/Y	
Rated Current:	400 V	7,9	Insulation Class:	F	
	690 V	4,6			
Efficiency:	IE1	83,1	Service Factor:	1,0	
	100%	85,5	Duty:	S1, S2, S3, S4-S9	
	75%	85,5	Ambient Temperature:	-35 ~ 50°C (On request possible 62°C)	
	50%	83,5	Altitude:	1000m	
Power factor:	0,88		Protection Degree:	IP55	
Noise level:	76	dB(A)	Cooling:	IC411	
Weight:	22,5	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-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