

VYBO Electric a.s.



Data Sheet

No.

Three Phase Induction Motor

Drawing No.

Customer	
Client reference	
Type	1ALZ-160L-2 22KW 400/690V 50HZ
Brand	VYBO Electric

Identification

Type:	1ALZ-160L-2	Frame:	160	mm
Power:	22 kW	Poles:	2	P
Speed:	2940 rpm	Rated Voltage:	400 / 690	V
Frequency:	50 Hz	Connection:	Δ/Y	
Rated Current:	400 V	39,2 A	Insulation Class:	
	690 V		F	
Efficiency:	IE1	89,9	Service Factor:	
	100%	90,5	1,0	
	75%	89,9	Duty:	
	50%	87,7	S1, S2, S3, S4-S9	
Power factor:	0,9	Ambient Temperature:	-35 ~ 50°C (On request possible 62°C)	
Noise level:	86 dB(A)	Altitude:	1000m	
		Protection Degree:	IP55	
		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-M40X1.5	



Bearing Information

	DE	NDE
Bearing:	63092RZC3	63092RZC3
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