

VYBO Electric a.s.



Data Sheet

No.

Three Phase Induction Motor

Drawing No.

Customer	
Client reference	
Type	1ALZ-160L-4 18,5KW 400/690V 50HZ
Brand	VYBO Electric

Identification

Type:	1ALZ-160L-4	Frame:	160	mm
Power:	18,5 kW	Poles:	4	P
Speed:	1470 rpm	Rated Voltage:	400 / 690	V
Frequency:	50 Hz	Connection:	Δ/Y	
Rated Current:	400 V	34,8 A	Insulation Class: F	
	690 V		Temperature Rise:	
Efficiency:	IE1	89,3	Service Factor: 1,0	
	100%	90,7	Duty: S1, S2, S3, S4-S9	
	75%	90,6	Ambient Temperature: -35 ~ 50°C (On request possible 62°C)	
	50%	89,2	Altitude: 1000m	
Power factor:	0,86		Protection Degree: IP55	
Noise level:	75	dB(A)	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