

VYBO Electric a.s.



Data Sheet

No.

Three Phase Induction Motor

Drawing No.

Customer

Client reference

Type

3AL-160M 1-2 11KW 400/690V 50HZ

Brand

VYBO Electric

Identification

Type:	3AL-160M 1-2		Frame:	160		mm
Power:	11	kW	Poles:	2		P
Rated Current:	400 V	19,6	A	Rated Voltage:	400 / 690	V
Speed:	2950 rpm		Connection:	Δ/Y		
Frequency:	50 Hz		Insulation Class:	F		
Direct on line starting torque ratio (LRT/RLT):	2		Temperature Rise:			
Direct on line pull out torque ratio (BDT/RLT):	2,3		Service Factor:	1,0		
Direct on line starting current ratio (LRA/RLA):	8,1		Duty:	S1, S2, S3, S4-S9		
Efficiency:	91,2	%	Ambient Temperature:	-35~40°C		
Power factor:	0,89		Altitude:	1000m		
Noise level:	81	dB(A)	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:	6309-2RZC3	6309-2RZC3
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