

# VYBO Electric a.s.



## Data Sheet

No.

Three Phase Induction Motor

Drawing No.

Customer

Client reference

Type

1AL-112M-4 4KW 400/690V 50HZ

Brand

VYBO Electric

### Identification

Type:	1AL-112M-4		Frame:	112		mm	
Power:	4	kW	Poles:	4		P	
Rated Current:	380 V	8,8	Rated Voltage:	400	/	690	
	400 V	8,36		Connection:	Δ/Y		
	415 V	8		Insulation Class:	F		
Speed:	1435	rpm	Temperature Rise:				
Frequency:	50	Hz	Service Factor:	1,0			
Direct on line starting torque ratio (LRT/RLT):	2,3		Duty:	S1, S2, S3, S4-S9			
Direct on line pull out torque ratio (BDT/RLT):	2,3		Ambient Temperature:	-35 ~ 50°C (On request possible 62°C)			
Direct on line starting current ratio (LRA/RLA):	7		Altitude:	1000m			
Efficiency:	84,2	%	Protection Degree:	IP55			
Power factor:	0,82		Cooling:	IC411			
Noise level:	65	dB(A)	Mounting:	IM B (On request)			
Weight:	29	kg	Vibration:	2.8 mm/s			
Rotor inertia:	0,0095	kg/m <sup>2</sup>	Direction of Rotation:	Both			
			Starting Method:	DOL or VFD			
			Coupling:	DIRECT			
			Load Type:	Parabolic or linear curve			
			Terminal box:	2-M32X1.5			



### Bearing Information

	DE	NDE
Bearing:	63062Z	63062Z
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