

VYBO Electric a.s.



Data Sheet

No.

Three Phase Induction Motor

Drawing No.

Customer	
Client reference	
Type	1AL-100L1-4 2,2KW 230/400V 50HZ
Brand	VYBO Electric

Identification

Type:	1AL-100L1-4	Frame:	100	mm	
Power:	2,2 kW	Poles:	4	P	
Rated Current:	380 V	A	Rated Voltage:	230 / 400 V	
	400 V		4,83	Connection:	Δ/Y
	415 V		4,6	Insulation Class:	F
Speed:	1420 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):	7,0	Altitude:	1000m		
Efficiency:	81 %	Protection Degree:	IP55		
Power factor:	0,81	Cooling:	IC411		
Noise level:	64 dB(A)	Mounting:	IM B (On request)		
Weight:	23 kg	Vibration:	2.8 mm/s		
Rotor inertia:	0,0054 kg/m2	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