

VYBO Electric a.s.



Data Sheet

No.

Three Phase Induction Motor

Drawing No.

Customer

Client reference

Type

1AL-56 2-4 0,09KW 230/400V 50HZ

Brand

VYBO Electric

Identification

Type:	1AL-56 2-4		Frame:	56		mm
Power:	0,09	kW	Poles:	4		P
Rated Current:	380 V	0,33	Rated Voltage:	230	/	400 V
	400 V	0,31		Connection: Δ/Y		
	415 V	0,3		Insulation Class: F		
Speed:	1300	rpm	Temperature Rise:			
Frequency:	50	Hz	Service Factor:	1,0		
Direct on line starting torque ratio (LRT/RLT):	2,1		Duty:	S1, S2, S3, S4-S9		
Direct on line pull out torque ratio (BDT/RLT):	2,0		Ambient Temperature:	-35 ~ 50°C (On request possible 62°C)		
Direct on line starting current ratio (LRA/RLA):	4,0		Altitude:	1000m		
Efficiency:	58	%	Protection Degree:	IP55		
Power factor:	0,72		Cooling:	IC411		
Noise level:	48	dB(A)	Mounting:	IM B (On request)		
Weight:	4	kg	Vibration:	2.8 mm/s		
Rotor inertia:	0,0004	kg/m ²	Direction of Rotation:	Both		
			Starting Method:	DOL or VFD		
			Coupling:	DIRECT		
			Load Type:	Parabolic or linear curve		
			Terminal box:	2-M20X1.5		



Bearing Information

	DE	NDE
Bearing:	62012Z	62012Z
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