VYBO Electric a.s.

Data Sheet	No.
Three Phase Induction Motor	Drawing No.

Customer	
Client reference	
Type	1AL-112M-8 1,5KW 230/400V 50HZ
Brand	VYBO Electric

Identification

Type:		1AL-112M-8		Frame:	112					mm
Power:		1,5	kW	Poles:	8					P
Rated Current:	380 V	4,4	A	Rated Voltage:	230	/	400	V		
	400 V	4,22		Connection:	△/Y					
	415 V	4,04		Insulation Class:	F					
Speed:		690	rpm	Temperature Rise:						
Frequency:		50	Hz	Service Factor:	1,0					
Direct on line starting torque ratio (LRT/RLT):		2,0		Duty:	S1, S2, S3, S4-S9					
Direct on line pull out torque ratio (BDT/RLT):		1,8		Ambient Temperature:	-35～50°C (On request possible 62°C)					
Direct on line starting current ratio (LRA/RLA):		5,0		Altitude:	1000m					
Efficiency:		74	%	Protection Degree:	IP55					
Power factor:		0,7		Cooling:	IC411					
Noise level:		61	dB(A)	Mounting:	IM B (On request)					
Weight:		28	kg	Vibration:	2.8 mm/s					
Rotor inertia:		0,0245	kg/m2	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