

# VYBO Electric a.s.



## Data Sheet

No.

Three Phase Induction Motor

Drawing No.

Customer	
Client reference	
Type	1AL-63M 2-4 0,18KW 230/400V 50HZ
Brand	VYBO Electric

### Identification

Type:	1AL-63M 2-4	Frame:	63	mm
Power:	0,18 kW	Poles:	4	P
Rated Current:	380 V	A	Rated Voltage:	230 / 400 V
	400 V		Connection:	Δ/Y
	415 V		Insulation Class:	F
Speed:	1310 rpm	Temperature Rise:		
Frequency:	50 Hz	Service Factor:	1,0	
Direct on line starting torque ratio (LRT/RLT):	2,2	Duty:	S1, S2, S3, S4-S9	
Direct on line pull out torque ratio (BDT/RLT):	2,1	Ambient Temperature:	-35 ~ 50°C (On request possible 62°C)	
Direct on line starting current ratio (LRA/RLA):	4,4	Altitude:	1000m	
Efficiency:	60 %	Protection Degree:	IP55	
Power factor:	0,73	Cooling:	IC411	
Noise level:	52 dB(A)	Mounting:	IM B (On request)	
Weight:	4,7 kg	Vibration:	2.8 mm/s	
Rotor inertia:	0,0006 kg/m2	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

	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">VYBO Electric</td> <td style="width: 50%;">Customer</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	VYBO Electric	Customer						
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