

VYBO Electric a.s.



Data Sheet

No.

Single Phase Induction Motor

Drawing No.

Customer	
Client reference	
Type	1ALJ-100L-2 3KW 230V 50HZ
Brand	VYBO Electric

Identification

Type:	1ALJ-100L-2	Frame:	100	mm
Power:	3 kW	Poles:	2	P
Speed:	2800 rpm	Rated Voltage:	230	V
Rated Current:	18,2 A	Insulation Class:	F	
Frequency:	50 Hz	Temperature Rise:		
Efficiency:	79 %	Service Factor:	1,0	
Power factor:	0,95	Duty:	S1	
Direct on line starting torque ratio (LRT/RLT):	1,7	Ambient Temperature:	-20~40°C	
Direct on line pull out torque ratio (BDT/RLT):	1,6	Altitude:	1000m	
Direct on line starting current ratio (LRA/RLA):	6	Protection Degree:	IP55	
Noise level:	83 dB(A)	Cooling:	IC411	
Start capacitor:	350/250 (µf/v)	Mounting:	IM B (On request)	
Running capacitor:	55/450 (µf/v)	Vibration:	2.8 mm/s	
Weight:	24 kg	Direction of Rotation:	Both	
		Starting Method:	DOL or VFD	
		Coupling:	DIRECT	
		Load Type:	Parabolic or linear curve	



Bearing Information

	DE	NDE
Bearing:	6206-2RZ	6206-2RZ
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