



VYBO Electric a.s.						
Data Sheet			No.			
Single Phase Induction Motor			Drawing No.			
Customer						
Client reference						
Type		1ALJ-100L2-4 3KW 230V 50HZ				
Brand		VYBO Electric				
Identification						
Type:	1ALJ-100L2-4		Frame:	100	mm	
Power:	3	kW	Poles:	4	P	
Speed:	1400	rpm	Rated Voltage:	230	V	
Rated Current:	18,4	A	Insulation Class:	F		
Frequency:	50	Hz	Temperature Rise:			
Efficiency:	78	%	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):	5		Protection Degree:	IP55		
Noise level:	78	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:	33	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