

VYBO Electric a.s.



Data Sheet

No.

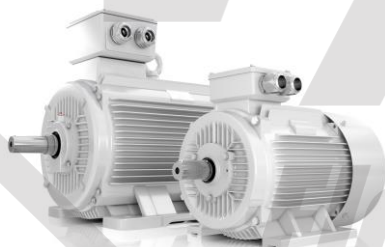
Three Phase Induction Motor

Drawing No.

Customer	
Client reference	
Type	1LC-280M-2 90KW 400/690V 50HZ
Brand	VYBO Electric

Identification

Type:	1LC-280M-2	Frame:	280	mm	
Power:	90 kW	Poles:	2	P	
Rated Current:	380 V	160	Rated Voltage:	400 / 690	V
	400 V	152		Connection:	Δ/Y
	415 V	147			Insulation Class:
Speed:	2975 rpm	Temperature Rise:			
Frequency:	50 Hz	Service Factor:	1,0		
Direct on line starting torque ratio (LRT/RLT):	2		Duty:	S1, S2, S3, S4-S9	
Direct on line pull out torque ratio (BDT/RLT):	2,3		Ambient Temperature:	-35~50°C (On request possible 62°C)	
Direct on line starting current ratio (LRA/RLA):	7,1		Altitude:	1000m	
Efficiency:	93,9	%	Protection Degree:	IP55	
Power factor:	0,91		Cooling:	IC411	
Noise level:	94	dB(A)	Mounting:	IM B (On request)	
Weight:	510	kg	Vibration:	2.8 mm/s	
Rotor inertia:	0,675	kg/m2	Direction of Rotation:	Both	
			Starting Method:	DOL or VFD	
			Coupling:	DIRECT	
			Load Type:	Parabolic or linear curve	
			Terminal box:	2xM63X1.5	



Bearing Information

	DE	NDE
Bearing:	6314C3	6314C3
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