

VYBO Electric a.s.



Data Sheet

No.

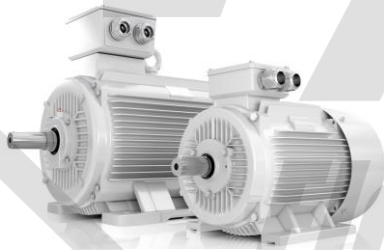
Three Phase Induction Motor

Drawing No.

Customer	
Client reference	
Type	1LC-280M-4 90KW 400/690V 50HZ
Brand	VYBO Electric

Identification

Type:	1LC-280M-4	Frame:	280	mm	
Power:	90 kW	Poles:	4	P	
Rated Current:	380 V	165	Rated Voltage:	400 / 690	V
	400 V	157		Connection:	Δ/Y
	415 V	152		Insulation Class:	F
Speed:	1480 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):	2,3	Ambient Temperature:	-35~50°C (On request possible 62°C)		
Direct on line starting current ratio (LRA/RLA):	6,8	Altitude:	1000m		
Efficiency:	93,9 %	Protection Degree:	IP55		
Power factor:	0,88	Cooling:	IC411		
Noise level:	86 dB(A)	Mounting:	IM B (On request)		
Weight:	560 kg	Vibration:	2.8 mm/s		
Rotor inertia:	1,64 kg/m ²	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:	6317C3	6317C3
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