

# VYBO Electric a.s.



## Data Sheet

No.

Three Phase Induction Motor

Drawing No.

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

### Identification

Type:	4LC-280M-4	Frame:	280	mm		
Power:	90 kW	Poles:	4	P		
Rated Current:	380 V	162	Rated Voltage:	400 / 690	V	
	400 V	154		Connection:		Δ/Y
	415 V	148				Insulation Class:
Speed:	1490 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			
Direct on line starting current ratio (LRA/RLA):	8,5	Altitude:	1000m			
Efficiency:	96,1 %	Protection Degree:	IP55			
Power factor:	0,88	Cooling:	IC411			
Noise level:	80 dB(A)	Mounting:	IM B (On request)			
Weight:	697 kg	Vibration:	2.8 mm/s			
Rotor inertia:	2,61466 kg/m2	Direction of Rotation:	Both			
		Starting Method:	DOL or VFD			
		Coupling:	DIRECT			
		Load Type:	Parabolic or linear curve			
		Terminal box:	2-M63X1.5			



### Bearing Information

	DE	NDE
Bearing:	6317C3	6317C3
Regreasing int.(h):		
Grease amount(g):		
Grease:		

### Notes / Accessories

### Deviation Sheet

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