

# VYBO Electric a.s.



## Data Sheet

No.

Three Phase Induction Motor

Drawing No.

Customer	
Client reference	
Type	1LCZ-280M-4 110KW 400/690V 50HZ
Brand	VYBO Electric

### Identification

Type:	1LCZ-280M-4	Frame:	280	mm	
Power:	110 kW	Poles:	4	P	
Speed:	1480 rpm	Rated Voltage:	400 / 690	V	
Frequency:	50 Hz	Connection:	Δ/Y		
Rated Current:	400 V	193	A	Insulation Class:	F
	690 V	112			
Efficiency:	IE1	93,3	Service Factor:	1,0	
	100%	94,4	Duty:	S1, S2, S3, S4-S9	
	75%	93,5	Ambient Temperature:	-35 ~ 50°C (On request possible 62°C)	
	50%	91,4	Altitude:	1000m	
Power factor:	0,88		Protection Degree:	IP55	
Noise level:	86	dB(A)	Cooling:	IC411	
Weight:	648	kg	Mounting:	IM B (On request)	
			Vibration:	2.8 mm/s	
			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

	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