

## Operator Safety Precautions

- Avoid contact with energized circuits or rotating parts.
- Disconnect all power sources before performing maintenance.
- Prevent unauthorized access by properly enclosing the drive.
- Avoid extended exposure to high noise levels.
- Read all available instructions to familiarize yourself with the drive before performing any maintenance.

## Nameplate

Valuable information regarding the Lenze gearboxes can be found on the reducer nameplate as shown in the examples in Figure 1.

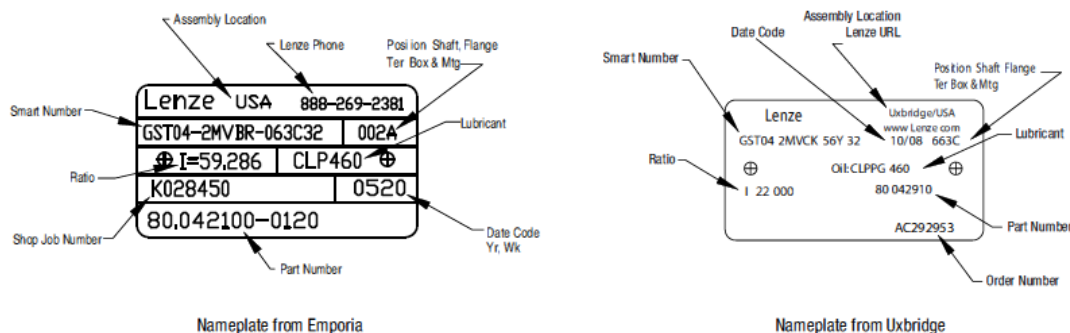


Figure 1: Example Gearbox Nameplates

## Installation

Before installing the gearbox, remove all corrosion protectors from shafts and machine surfaces. The output shaft of the gearbox must be properly aligned to the driven machine shaft. Using a flexible coupling can compensate for minor misalignment. Carefully install couplings, gearwheels, sheaves or sprockets on solid shaft. Mount as close as possible to shaft shoulder.



**CAUTION!**  
DO NOT HAMMER ON SHAFT!

## Electrical Connections

Verify that the motor nameplate indicates the number of phases, voltage and frequency that agrees with your existing power supply. A sample wiring diagram is located inside the conduit box housing. Make sure that all connections are made according to local code.


Lenze		USA	Hz	50	60	87
		800 334 6242	kW	0.25	0.31	0.45
3 MOT	EN60034	CE	HP	0.34	0.42	0.62
TYPE	MDXMA2MD63.42		RPM	1370	1670	2490
I CL F	IP55	TKD	V <div><div>Y</div><div>Δ</div></div>	400	480	
		File No E210321		230	277	400
		A <div><div>Y</div><div>Δ</div></div>	0.82	0.81		
Tas40 C	cont		Inverter duty Motor PWM		1.40	1.40
			Cos φ	0.67	0.67	0.63
ID# 480505			A LR	4.1	4.1	4.1
Part Number 84 3011367			C 86	1239		1240

Figure 2: Example AC Motor Name Plate