



Sumitomo Drive Technologies

GEARBOX REPLACEMENT PLANNING GUIDE

[US.SUMITOMODRIVE.COM](https://us.sumitomodrive.com)

READY TO SWITCH?

The time has come. This specific gearbox has possibly been around before you started working at your facility. It's always having issues like mechanical failures and needs more maintenance than your team has time to complete.

The CAD drawings might be missing, the manufacturer might no longer be in business to replace the gearbox or components or you might just be ready to switch brands altogether. If this sounds like your situation, you'll need to use this gearbox replacement checklist before you consider replacing your gearbox.

We're sure you already have a list of the critical requirements and possible enhancements you desire in your new gearbox. Let us help you centralize and quickly gather your thoughts and requests for your particular application's needs.

Sumitomo Drive Technologies
us.sumitomodrive.com | 1.800.762.9256



CHECKLIST

Gearbox Type

- | | |
|--------------------------------------|---------------------------------------|
| <input type="checkbox"/> Right Angle | <input type="checkbox"/> Bevel |
| <input type="checkbox"/> In-line | <input type="checkbox"/> Worm Gear |
| <input type="checkbox"/> Parallel | <input type="checkbox"/> Planetary |
| <input type="checkbox"/> Helical | <input type="checkbox"/> Other: _____ |

General Specifications

- | | |
|----------------------|---|
| Input RPM: _____ | Duty Cycle: _____ |
| Output RPM: _____ | Operation 24/7? <input type="checkbox"/> |
| Output Torque: _____ | Temp. Range ____ to ____ ° |
| Ratio: _____ | Celsius <input type="checkbox"/> or Fahrenheit <input type="checkbox"/> |
| Oil: _____ | Start/Stop per Hour: _____ |
| Reversing Y/N: _____ | |

Environment

- ☐ Indoor
- ☐ Outdoor
- ☐ Food Grade
- ☐ Wash Down

Other Requirements:



Additional QUESTIONS

Will the gearbox require a high shock load?

How will the gearbox be oriented in its application?

Will the gearbox need to be manufactured from stainless-steel or require any special paint or coatings? ☐

How is the gearbox mounted to the equipment?

What inefficiencies or issues do you currently have?



Ready to Leave Unplanned
Downtime In the Past?

[Download Brochure](#)

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WE CAN GET THE JOB DONE

This checklist is just a guide, and if you have any gaps or need more, don't worry. We can work with you and your facility, no matter your level of expertise. There are also local Sumitomo representatives near you to examine your current gearbox and give you a more in-person experience if needed.

Sumitomo Drive Technologies has expert engineering teams, machinists, and customer service specialists who work together to fulfill your gearbox needs.

Our company has been trusted by many to provide quality products and innovative solutions to help our customers solve their complex challenges. This rich history has made us a leading manufacturer of power transmission and control products such as gearmotors and speed reducers for a wide variety of applications for leading brands around the globe. For more information about our products and services, please contact us.

Additional Resources

-  [Local Representative Finder](#)
-  [Product Configurator](#)
-  [Technical Calculators](#)
-  [CAD Drawing Request](#)
-  [Aftermarket Services](#)

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