

# FRACTIONAL HORSEPOWER

# modified

Modified designs involve additions or alterations made to standard catalog motors. These are ideal when slight adjustments need to be made or accessories need to be included in order to meet the customer's needs.

### **ADVANTAGES**

- Shortened lead time for prototypes and production runs
- More cost-effective than custom blank-sheet designs
- 48-hour turn-around for samples

#### **EXAMPLES**

- Customized nameplate
- Bearings and lubricant for high/low temperatures
- Dual shaft for adding an encoder or brake
- Adding a foot mount, junction box or power cord



## custom

Customers can work with our engineering department to create a blank-sheet motor design for their application.

This is ideal for high-volume applications with specific motor requirements not covered by a standard motor design. For some situations it can be more costeffective to start from scratch than to make modifications.

Custom motor projects may require the customer to provide or purchase special tooling.

## **ADVANTAGES**

- Proprietary motor design specific to the customer's application
- Can be most cost-effective solution for applications with higher volumes
- Work directly with our sales and engineering staff to create the end product



# integrated

Groschopp can work with you to not only manufacture a motor but also to build and integrate that motor into more advanced stages of the assembly process.

By having us build the motors into part of your assembly, we will help you to conserve labor within your current manufacturing process.

#### **ADVANTAGES**

- Shortened lead times and simplified assembly process
- Fewer vendors to interact with, saving on final assembly by eliminating steps
- Integration allows Groschopp to be more familiar with the entire application
- Groschopp assures the quality of the assembly and tests product performance





