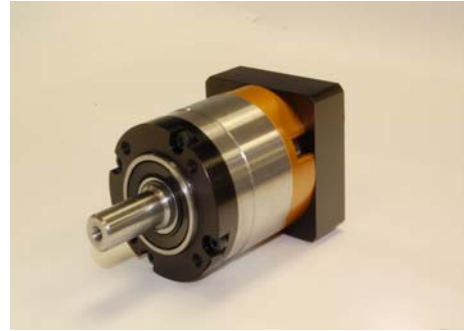


PV Series Gearhead Manual

I. Introduction

Thank you for your purchase of the Parker Bayside PV Series Planetary gearhead. The PV Series gearhead is designed to meet Industrial, Automotive, Medical and other application needs. This manual provides installation and maintenance information for the PV In-Line Series 40/17, 60/23, 90/34 and 115/42 frame size gearheads. Please read the entire manual before operating this product as there is important information on this product that can affect its operation and performance.



- Lubrication
 - The PV is lubricated for life with NYE Rheolube 368AX-1 synthetic hydrocarbon grease formulated with rust inhibitors and tackifier.
- Components
 - The output shaft and the main body portion of the PV are made of 400 series stainless steel.
 - Front and rear sections are high quality aluminum anodized.
- Input Section
 - The input section is designed for simple error free installation. Alignment between motor pilot and input section is not required. Alignment is accomplished between motor output and PV pinion.

II. Packaging/Unpacking

Parker Baysides unique '*build to the box*' program, puts the packaging materials right on the assembly line after final inspection procedures. Material used is high density stretch wrap boxed in corrugated giving the PV a wow effect upon unpackaging. Every PV is packed separately with part number and serial numbers clearly displayed on the carton for convenient stocking.

III Maintenance

Under normal operating conditions the PV series requires no periodic maintenance. For assistance in determining normal operating conditions go to www.parkermotion.com or call 707-584-8029 and ask to speak with an application engineer.

IV Storage

PV Gearheads can be stored up to one year, regardless of warranty, in 0° to 35° C (32° F to 95° F) temperatures. Even though the PV can be used in any orientation, the gearhead should be stored with the output shaft horizontal.