



Industrial Devices Corporation

-V Vertical Orientation Option **Description & Field Installation Instructions**

This option applies only to gearheads which meet the following conditions:

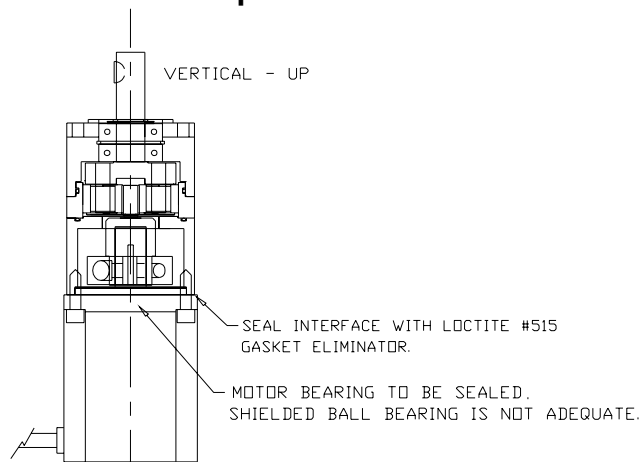
- Performance Planetary Inline Gearheads (G17PI, G23PI, G34PI, G42PI, G56PI)
or Right-Angle Compact Gearheads (G17PC, G23PC, G34PC, G42PC)
or Value Planetary Inline Gearheads (G23VI, G34VI, G42VI, G56VI)
or Value Planetary Right-Angle Gearheads (G23VR, G34VR, G42VR, G56VR)
- Mounted with output shaft vertical and gearhead above motor

This carton contains the following parts along with this instruction sheet:

- 1 oz Planetary Gearhead Grease

When Gearhead Mounts Above Motor: Use -V Vertical Option

The “-V” Vertical Orientation option is not required when the output shaft is mounted horizontally, or if the motor is vertically above the gearhead. When the -V option is specified, additional lubricant is added during assembly to ensure that normal lubricant volume does not migrate downward to the pinion cavity, under the force of gravity.



ASSEMBLY PROCEDURE

(THIS PROCEDURE IS ONLY REQUIRED FOR THE ABOVE LISTED GEARHEAD MODELS. SPUR (GxxSI) & RIGHT ANGLE GEARHEADS (GxxPR & GxxSR) DO NOT REQUIRE THIS PROCEDURE.)

1. Before mounting the motor to the gearhead (or removing the motor from the gearhead), orient the gearhead with the output shaft downward.
3. Cut off the end of the grease packet and fill the rear bracket half full of grease. (The “rear bracket” is the section between the ring gear and the motor. Note: Filling the rear bracket completely will create hydrostatic pressure which may cause leakage during operation or penetration into the motor.
4. Mount the pinion and clamp to the motor per the gearhead installation instructions. Apply a thin film of Loctite #515 “Gasket Eliminator” to the motor mounting surface. This will keep the oil component of the grease from “weeping” from the gearhead/motor interface.
5. Mount the motor to the gearhead, per the gearhead installation instructions.
Note: There will only be a small amount of empty space in the rear bracket cavity when the pinion and clamp are inserted into their proper location in the rear bracket.
6. The gearmotor is now ready to be mounted to your machine.