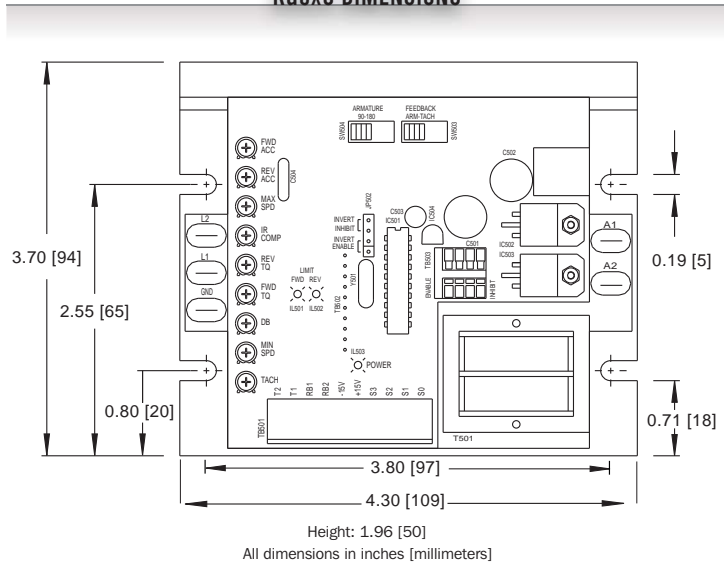


Drive	Input Voltage (VAC)	Output Voltage (VDC)	Max Current (ADC)	HP Rating @ 90 VDC Output	HP Rating @ 180 VDC Output	Enclosure	Reversing	Isolation ***	Field Supply (VDC)	Form Factor	UL	CUL	CE
RG61U	115/230	0-90 / 0-180	1.5	1/20 - 1/8	1/10 - 1/4	Chassis	YES	-	****	1.37	YES	YES	-
RG61U-PCM	115/230	0-90 / 0-180	1.5	1/20 - 1/8	1/10 - 1/4	Chassis	YES	YES	****	1.37	YES	YES	-
RG60U	115/230	0-90 / 0-180	10*	1/8 - 1	1/4 - 2	Chassis	YES	-	****	1.37	YES	YES	-
RG60U-PCM	115/230	0-90 / 0-180	10*	1/8 - 1	1/4 - 2	Chassis	YES	YES	****	1.37	YES	YES	-

* Heatsink number 223-0159 must be used when the output is above 5 Amps.
 *** Isolated models can accept 0-10 VDC, 0 ±10 VDC, or 4-20 mA signals.
 **** A field supply is not available on the RG60 family of drives. Minarik Drives recommends using the RG500 Series (pg 23).

RG6xU DIMENSIONS



Dimensions of drives not shown above can be found on page 57.
 Wiring diagrams of chassis drives can be found on pages 65 and 69.

FEATURES

- **MM footprint:** Compact industry standard footprint.
- **4Q reversing:** Regenerative / 4 quadrant drives have the ability to perform quick, contactorless, reversing on-the-fly!
- **Speed range and regulation:** 2% regulation over 50:1 speed range. 0.5% over 60:1 speed range with the addition of a tachometer for feedback.
- **User adjustable calibration pots:** IR compensation, max speed, min speed, forward acceleration, reverse acceleration, forward torque, reverse torque, tachometer and deadband.
- **Diagnostic LEDs:** Power, forward current limit, reverse current limit.
- **Stopping modes:** Inhibit (N/O or N/C) to immediately brake to a stop. RB1 to RB2 (N/O) to decelerate to a stop. Enable (N/O or N/C) to coast to a stop.
- **Configurable enable and inhibit:** Can be configured to be either normally open or normally closed.
- **-PCM Option:** Isolation daughter card. Accepts 4-20 mA signals and non-isolated speed reference voltages between -10V and +10V.
- **-T Option:** Speed/torque adder card. Torque or speed control for both forward and reverse directions using a remote pot. (Not compatible with analog signal.)
- **Accessories:** Heatsink 223-0159, DLC600 digital closed loop controller, and 200-0386A limit switch logic board.

Minarik's RG60 Series is a compact, full-featured regen drive. Standard features include a choice of tachometer or armature feedback, nine trimmer pots including forward and reverse independent adjustments for acceleration and torque, cage clamp and plug-in terminal blocks for secure and easy connections and current limit LEDs. A unique feature on the RG60U is the ability to choose the enable and inhibit terminals to operate either 'normally open' or 'normally closed'.

The RG60U has two additional options available. The RG60U-PCM comes with isolation so that any +/- 10 VDC or 4-20 mA reference signal can be used. The RG60U-T comes with the ability to be used in torque or speed control using a remote pot. Torque control is useful in many web tensioning and winder applications.

Robust SCR technology with regenerative capability makes the RG60U especially ideal for high duty cycle and reversing applications.

See page 52 for an in-depth comparison of the different models of drives.



RG60U
RG61U



RG60U-PCM
RG61U-PCM