

# 1/20 to 2 Hp SCR DC Regen

## FEATURES & BENEFITS

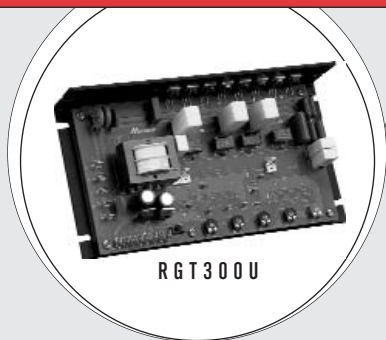
- **Low cost regenerative drive:** Designed for OEM applications.
- **4Q reversing:** Regenerative/4 quadrant drives have the ability to perform quick, contactorless reversing on-the-fly!
- **Speed range and regulation:** 1% regulation over 60:1 speed range.
- **User adjustable calibration pots:** IR compensation, maximum speed, acceleration/deceleration, forward torque and reverse torque.
- **Stopping modes:** User can decelerate (N.O.), regeneratively brake (N.O.) or coast the motor to a stop (N.C.).
- **Spade terminals:** Easy to use, lower cost, and able to fit in a smaller package.
- **Options and accessories:** 201-0024 inhibit plug with 18" leads for regenerative brake or coast option, 200-0386 limit switch logic board and PCM4 signal isolator.
- **Optional Burr Brown isolation:** Isolation daughter card can be added by including a "-PCM" at the end of the part number. See Adder Boards under drive accessories for details.

## RGT Series Specifications

Models	Input Voltage (VAC)	Output Voltage (VDC)	Output Current (amps)	Peak Current (amps)	Form Factor	Hp Rating
RGT310U	115	0 - 90	3	5	1.37	1/20 - 1/8
RGT300U	115	0 - 90	10*	15	1.37	1/4 - 1
RGT400U	230	0 - 180	10*	15	1.37	1/2 - 2

\*Use heatsink 223 - 0235 when armature current is above 7ADC. Drives operate from 50 - 60 Hz.

## RGT Series



RGT300U

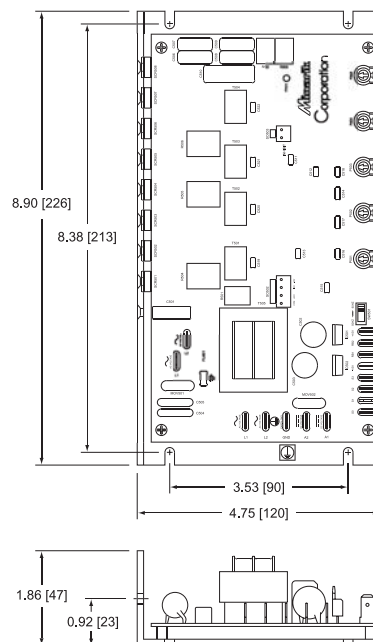
### Typical Applications

- Conveyors
- Packaging Machines
- Indexing
- Web Tensioning
- Door Controls

Minarik, the leader in regenerative drive technology expands its product line with the addition of the RGT Series. These full-wave, four quadrant SCR regenerative drives contain many of the features of our popular RG Series, but are built with the high-volume cost-conscious customer in mind. The "T" stands for "trimmed" because we eliminated features that are not necessary for streamlined applications and high-volume.

RGT drives are compatible with brush-type DC motors from 1/20 to 2 Hp. If low-cost with basic features is what your application requires, the RGT is your regen.

### RGT Dimensions



All dimensions in inches [millimeters]

For drives with heat sink dimensions, contact Minarik or download manuals from the web at [www.minarikdrives.com](http://www.minarikdrives.com). For matching DC motors, see pages 37 to 48.