

**NEW****iDRIVE FOR THE 2200 SERIES**

# Setting the Standard for Small Parts Handling

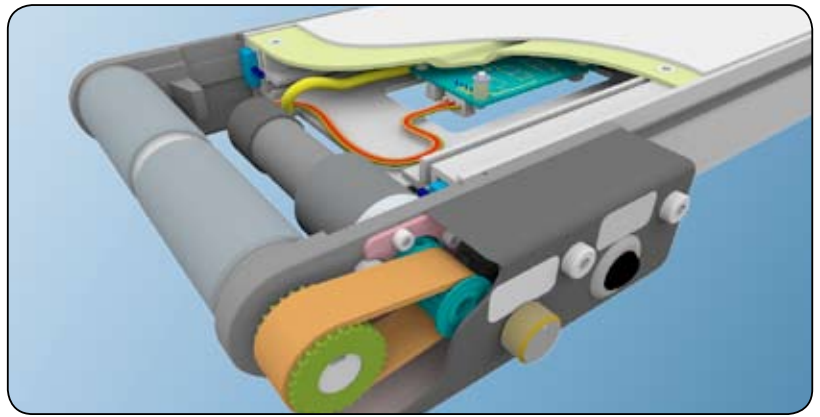
**Space Saving Design****Sized for Small Part Handling****Reduced Time Required for Conveyor Integration**

iDrive merges advanced drive and control technologies with the compact design of the 2200 Series by integrating the motor, gearbox and motor controller into a single, space saving package. Dorner has literally redefined the application footprint for small product conveyors. The groundbreaking iDrive feature is ideal for a variety of packaging and industrial applications where space is tight or additional room is needed around the conveyor. Capable of widths as narrow as 3 inches and lengths as long as 12 feet with speeds up to 100 feet-per-minute.

**DORNER**<sup>®</sup>  
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## Features & Benefits:

- Internally mounted gearmotor and control for space savings and tight work spaces
- Reduced integration time required to mount and wire the total conveyor package
- Ideal combination of conveyor and gearmotor sizing for small parts handling
- Variable Speed and reversible for maximum application flexibility
- Control switches conveniently located in high impact protective case
- 1.25" diameter drive roller for smooth product transfer
- V-guided belts for maintenance-free belt tracking
- Maintenance-free brushless DC motor
- Incorporates popular features of 2200 Series
  - Rack and pinion belt tensioning for fast and accurate adjustments
  - Built-in belt tension indicators for preventative maintenance
  - T-Slots for fast and simple mounting of automation components



## iDrive Control Models:

- Integrated Forward / Off / Reverse Switch, Variable Speed Pot, and 115V 1 Ph Input Power Supply
- Integrated Forward / Off / Reverse Switch, and Variable Speed Pot\*
- Flying leads for remote speed and direction\*

## Gearmotor Specifications:

- Motor Type: Brushless DC
- Gearhead Type: Planetary Gear, 23:1 Ratio
- Output power = 50 watts
- Maximum Motor Voltage / Current = 12 VDC / 5 amps
- Maximum Gearmotor Speed: 347 RPM

## Motor Control Specifications:

- Control Type: 1 Quadrant Digital Controller
- Operating Voltage: 10 to 50 VDC
- Continuous Output Current: 5 amps
- Remote Input Options: *(with flying lead model only)*
  - Speed = 0 to 5 VDC
  - Enable = 3.5 to 50 VDC
  - Direction = 3.5 to 50 VDC

## Power Supply Specifications\*\*:

- Input: 100-240 VAC, 50/60 Hz, 1.5A
- Output: 24V DC, 5 Amp, 120 Watt max.
- Includes locking control cord and 115VAC power cord
- UL and C-UL Listed
- CE Marked

\* 24V DC power supply by others \*\* With integrated power supply option only

## Conveyor Specifications:

**Conveyor Width:** 3" to 18"

**Conveyor Length:** 18" to 12 ft

### Conveyor Speed:

- Variable Speed
- (2) Speed Options
  - 7 to 70 FPM or 10 to 100 FPM

### Conveyor Load Capacity:

- 7 to 70 FPM – Up to 30 lbs non-accumulated, distributed load
- 10 to 100 FPM – Up to 23 lbs non-accumulated, distributed load