Overview

- Complete package including motor, mount package, and controller
- Compatible with all 2200 Series End Drive Conveyors including Belted, Modular Belt, and Precision Move
- Belt Speed = Variable 5 to 230 ft/min (1.5 to 70.1 m/min)
- Load Capacity:
  - Up to 80 lbs for belt speeds to 150 ft/min
  - Up to 40 lbs for belt speeds to 230 ft/min
- Transverse Flux Motor Technology

What is Transverse Flux Motor Technology?

- Small form factor motor eliminates gearbox
- High torque at low speeds
- Excellent thermal properties
- Lower energy and operating costs
- Reduced noise
- Performs well under relatively consistent conveyor loading
At Dorner we make it our mission to provide you with a system that you can depend on to move your product from point A to point B with precision and speed. It's that commitment and history of proven excellence that has made the Dorner Brand a recognized leader in precision conveyors for nearly 50 years. With our complete line of customizable conveyor systems we have the perfect solution for you!

### Specifications

#### Motor
- Transverse Flux Motor technology
- Provides constant output torque from 10 to 300 rpm
- 300 Watt
- Totally Enclosed Non-ventilated
- IP 54
- 89% efficient
- CE Compliant
- UL Listed
- RoHS Compliant

#### Universal Mount Package
- Includes all mounting hardware and 32 drive 22 driven timing belt/pulley combination
- Capable of mounting in 21 possible positions including; top, bottom, and side mount locations
- Motor can face inboard or outboard
- Three bolt mounting, simple timing belt tensioning, and taper key pulley attachment

#### Variable Speed Controller
- Nema 1 / IP 20 Enclosure
- Input Voltage
  - 115V, 1 Phase, 60 Hz
  - 200-240V, 1 or 3 Phase, 47 to 63 Hz
- Includes membrane keypad for start/stop and speed control
- Multi-setting parameter menu
- Discrete I/O control capable
- Includes digital readout for speed and parameter setting
- 115 V, 1 Phase unit includes power cord
- 200-240 V units, input power wiring by others
- CE Compliant (EMI Filter by others)
- UL Listed
- RoHS Compliant

#### 1X Series
- The 1X Series Line is designed for small part handling and transfers where space is a premium.

#### 2X Series
- The 2X Series Line is engineered for small to medium sized parts, precision applications and flexible layouts.

#### 3X Series
- The 3X Series Line is designed for medium to heavy sized parts, precision applications, bulk handling and flexible layouts.

#### 7X Series
- The 7X Series Stainless Steel Line is engineered for small to heavy product requiring various levels of sanitary design and flexible layouts.