

DORNER[®]

MOVE FAST. MOVE SMART.

2200 SERIES UNIVERSAL DRIVE

A BREAKTHROUGH IN CONVEYOR DRIVE TECHNOLOGY!



A Single Part Number Powering All of Your Conveyor Needs!

- One Part Number Covers All Speed, Load and Mounting Positions
- Motor with High Torque at Low Speed Eliminates the Need for a Gearbox
- Smaller, Lighter, and Runs Cooler than a Conventional Motor Gearbox Combination
- Universal Mounting Package is Capable of Mounting in 21 Different Positions without Modifications including Bottom, Top and Side
- Faster Assembly Setup with Three Bolt Mounting and Simple Timing Belt Tensioning

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



Mounts in Multiple Positions



Complete Single Part Number Package

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

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!



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.



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