

SMRT CONVEYOR SPECIFICATIONS

- A. Track: 1-5/16 inches O.D. by 14 gauge welded steel tubing, zinc plated.
- B. Cross members: 1 1/2" square steel.
- C. Drive: Hypoid/Helical Gearmotor, hollow-shaft, aluminum die cast housing
- D. Motor: Mfg: Brother
 - a. Output RPM: 72
 - b. Input HP: 1/4
 - c. Phase 3
 - d. Enclosure: DP
 - e. Output Torque: 327
 - f. Voltage: 208-230/460
 - g. Mechanical brake
 - h. Pre-wired for connection to inverter drive unit.
- E. Inverter Drive: Soft Start Intelligent Drive System
 - a. Micro Inverter drive, variable speed.
 - b. 120 volt single phase electrical requirement, 16A
 - c. 1-70 hertz control capability
 - d. Acceleration & deceleration capacity
 - e. Electrical circuit listed by ETL
 - f. Mfg: Emerson
- F. Drive & Idler Wheel: Plasma cut wheels.
 - a. Drive & Idler Wheel Bearings: One 1 inch diameter lubricated, precision, two bolt flange.
 - b. Wheel shafts: 1 inch diameter.
- G. Conveyor Band:
 - a. Laser cut, full-hard stainless steel continuous band. Stainless yokes with 1-3/8 inches diameter load bearings wheels, with nylon tire on steel cores. Hardened inner races roll on steel ball bearings.
 - b. Speed 80 feet per minute at 70 Hertz. Adjustable based on service needs
- H. ACRO:
 - a. Ethernet Router-Network Card
- I. ACPE:
 - a. Photo Eye LRS-3031-304
- J. ACBS:
 - a. Beam Sensor LFP-2001-020-Fiber Optic

