



Slider Bed Belt Conveyor (SB)



MECHANICAL CHARACTERISTICS

Bed Section:

5 1/4" Deep x 12 Gauge frame in 6" increments between 12" and 144".

Galvanized Belt Return Rollers:

1 7/8" Diameter, 16 Gauge, carrying rollers with 7/16" hex axle on nominal 6' centers.

Drives:

6", 8", or 10" Center Drives and 6" or 8" End Drives. Lagged pulley with automatic spring take-up on center drive.

3/4 HP to 5 HP 230V-460V/3-Phase/60Hz. "C" face TEFC motor with reducer. Speed range is 60-320 FPM.

Terminal End:

4", 5" or 6" Diameter plain pulley with pop-out roller.

Belting:

Type 1 Friction Surface X Bare Surface.

Axle Isolators:

Specially designed conductive plastic insert isolates return roller axles from the conveyor frame to reduce noise and prevent wear.

SPECIFICATIONS

Typical Applications:

- Transportation
- Elevation Changes
- Sortation
- Brake Spacer Belts
- Trash Conveyor
- Pick Belts

Live Load Capacity:

Up to 100 lbs/ft. depending on width, roller centers, supports, etc.

Nominal Widths:

18", 24", 30", 36", 42" & 48"

Standard Belt Widths:

14", 20", 24", 30", 36" & 42"

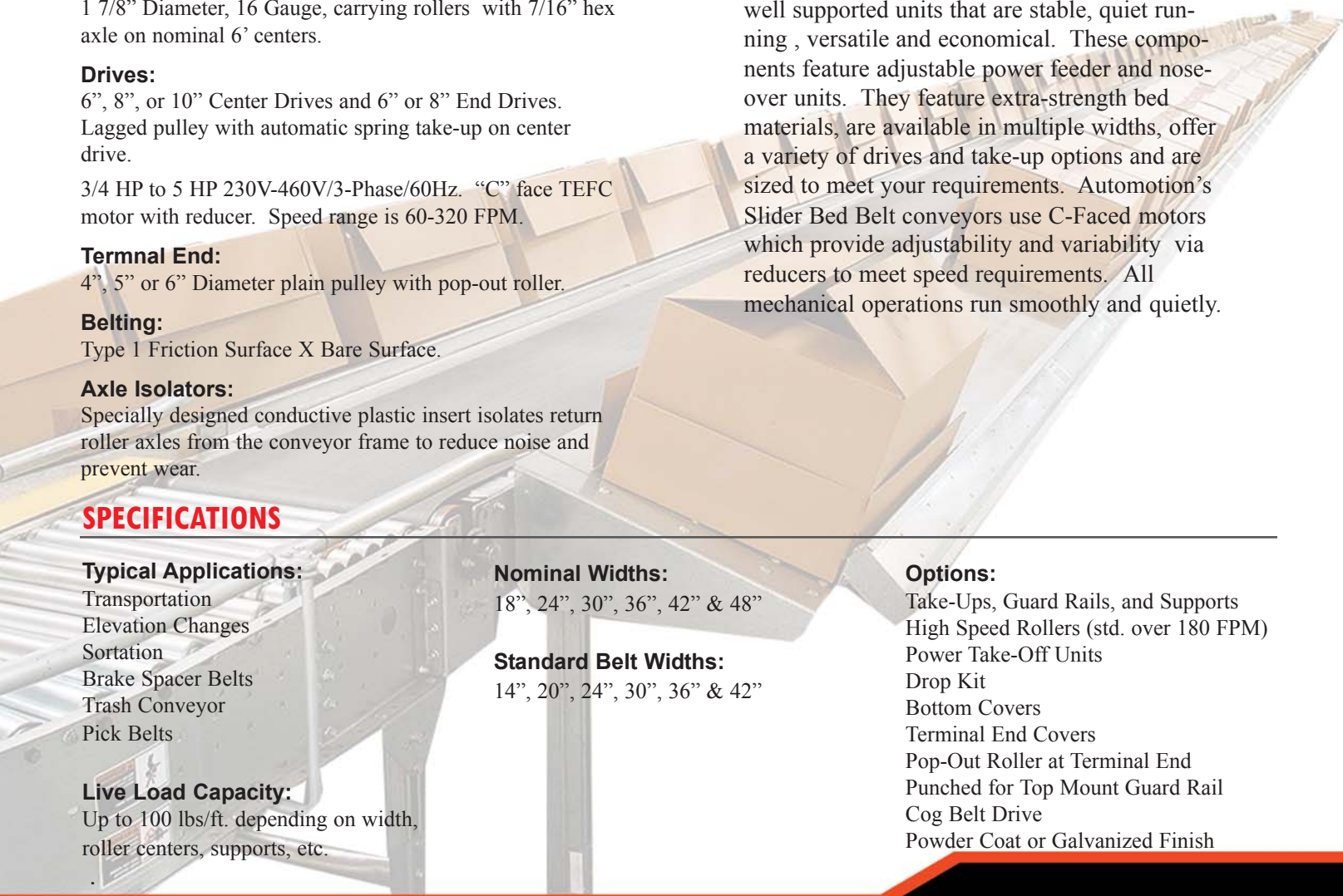
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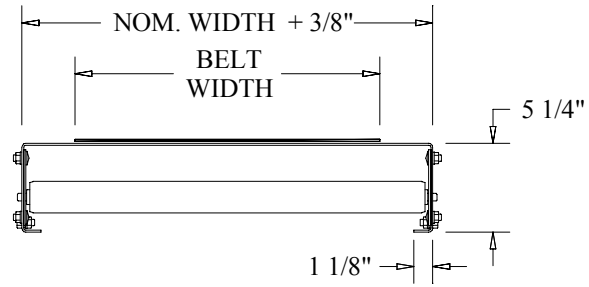
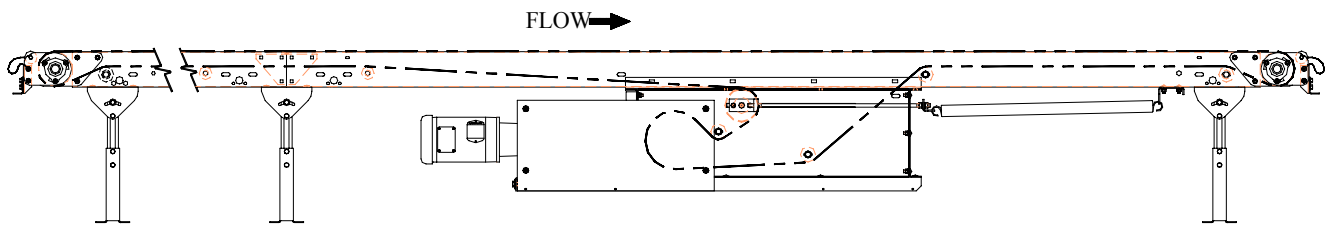
- Take-Ups, Guard Rails, and Supports
- High Speed Rollers (std. over 180 FPM)
- Power Take-Off Units
- Drop Kit
- Bottom Covers
- Terminal End Covers
- Pop-Out Roller at Terminal End
- Punched for Top Mount Guard Rail
- Cog Belt Drive
- Powder Coat or Galvanized Finish

FEATURES

All of the advantages and benefits that make a big difference in durability and performance are built into each facet of Automotion's pre-engineered conveyor components.

Automotion's Slider Bed Belt Conveyor make it easy to transport a wide variety in shapes and sizes to specified destination points in level surface applications as well as in incline and decline applications. They are important elements of conveyor systems that are capable of handling the ranges of products and countless numbers of mixed materials from small to large sizes in weights up to 100 pounds per foot. Automotion's Slider Bed Belt Conveyors are well supported units that are stable, quiet running, versatile and economical. These components feature adjustable power feeder and nose-over units. They feature extra-strength bed materials, are available in multiple widths, offer a variety of drives and take-up options and are sized to meet your requirements. Automotion's Slider Bed Belt conveyors use C-Faced motors which provide adjustability and variability via reducers to meet speed requirements. All mechanical operations run smoothly and quietly.





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