

### 180-Degree Tapered Live Roller Curve

#### Materials Handling Products

- Small Radius
- Disc Powered
- Tapered Rollers
- Easy Speed Change

Tapered rollers are a preferred choice for curves. The tapered rollers maintain carton orientation as cartons pass through the curve.

**Operation:** Two-way, horizontal

**Capacity:** Same as adjoining conveyors.

**Degree:** 180

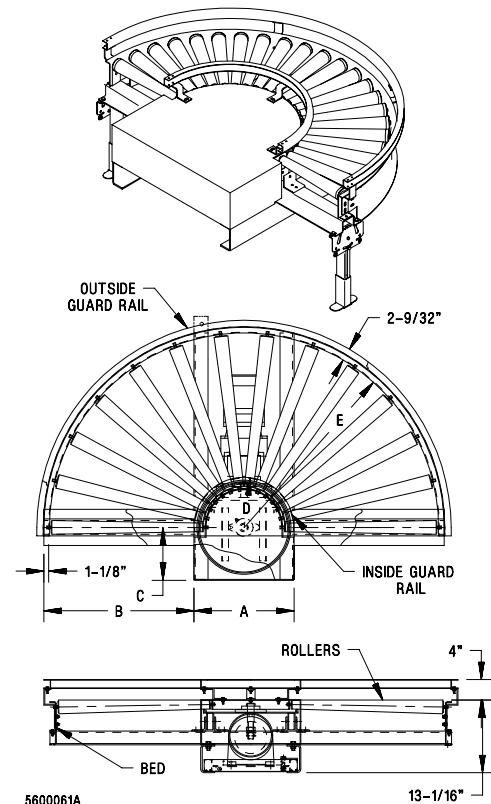
**Speeds:** 70-120 fpm fixed at the centerline.

**Drive:** Center Drive. An 8" or 10" diameter wheel transmits power to disc by friction.

**Bed:** 10 gage painted channel.

**Rollers:** 14 gage tapered, zinc plated, steel tubing with 7/16" hex FZ bearings, 1-5/8" OD at small end, 2-1/2" OD at large end.

**Guard:** Inner and outer adjustable channel guard rails.



#### Options

**Bearings:** EQ bearings for quiet operation with extended conveyor life at high speeds.

**Motor:** 1/2 hp

| A Core Width<br>(in.) | B Between Guard Rails<br>(in.) | C Extension<br>(in.) | D Inside Radius<br>(in.) | E Outside Radius<br>(in.) | Roller Centers (in.) |        |         |
|-----------------------|--------------------------------|----------------------|--------------------------|---------------------------|----------------------|--------|---------|
|                       |                                |                      |                          |                           | Inside               | Center | Outside |
| 18                    | 15                             | 9.4                  | 9                        | 23                        | 1.7                  | 3.6    | 5.6     |
|                       | 21                             |                      |                          | 29                        |                      | 4.4    | 7.1     |
|                       | 27                             |                      |                          | 35                        |                      | 5.1    | 8.5     |
|                       | 33                             |                      |                          | 41                        |                      | 5.8    | 10.0    |
| 30                    | 15                             | 14.9                 | 15                       | 29                        | 1.8                  | 3.0    | 4.2     |
|                       | 21                             |                      |                          | 35                        |                      | 3.4    | 5.0     |
|                       | 27                             |                      |                          | 41                        |                      | 3.9    | 5.9     |
|                       | 33                             |                      |                          | 47                        |                      | 4.3    | 6.7     |
| 42                    | 15                             | 20.9                 | 21                       | 35                        | 1.7                  | 2.4    | 3.2     |
|                       | 21                             |                      |                          | 41                        |                      | 2.7    | 3.7     |
|                       | 27                             |                      |                          | 47                        |                      | 3.0    | 4.2     |
|                       | 33                             |                      |                          | 53                        |                      | 3.2    | 4.8     |