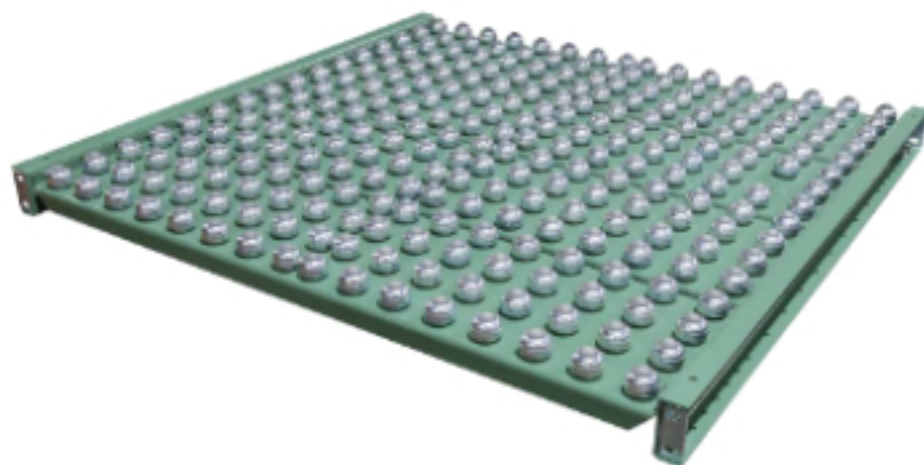


# MODEL B | BALL TRANSFER UNITS



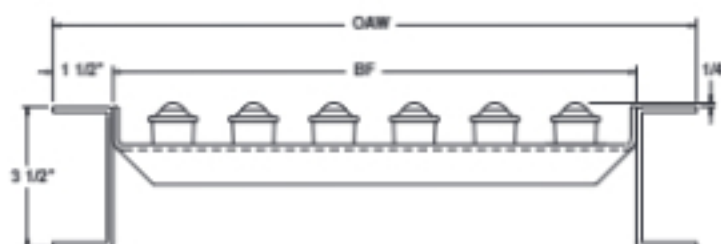
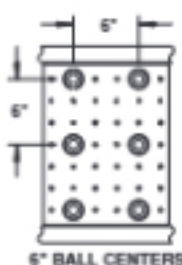
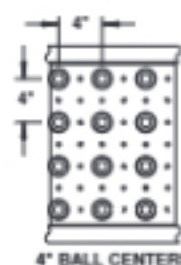
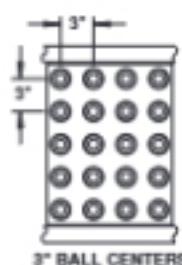
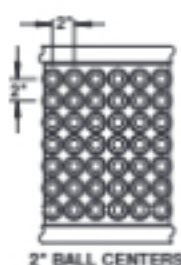
**BALL TRANSFER MODEL NUMBER**  
B-27-3-5

B-(between frames)-(ball centers)-(length)

For replacement ball assemblies,  
refer to part #BRW04650



**DETERMINE BALL SPACING** by dividing minimum package dimension by 2.5. Center to center ball spacing results with minimum of 9 ball casters required to support each package.



## SPECIFICATIONS

► **BALL ASSEMBLIES:** 1" dia. steel ball x 1-13/16" overall housing diameter. Mounting bolt is 1/4"-20.

► **BALL CAPACITY:** 50 lbs. per ball with max. unit load not to exceed the capacity of 4 balls (200#).

► **FRAMES:** 3-1/2" x 1-1/2" x 10 ga. steel with balls in set high position (1/4" above side frames) only.

► **FRAME CAPACITY:** 1300 lbs. maximum distributed live load per 10' section with supports at 10' ctrs; 3200 lbs. at 5' ctrs.

► **PLATES:** Balls are attached in square pattern to 10 ga. formed plates up to 39" BF. Above 39", plates are 7 ga.

► **COUPLINGS:** Butt type.

| BALL TRANSFERS |                             |                                  |                             |                                  |                                          |                                     |                                     |                                     |
|----------------|-----------------------------|----------------------------------|-----------------------------|----------------------------------|------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| BETWEEN FRAMES | 2" CENTERS<br>BALLS PER FT. | 3" CEN-<br>TERS BALLS<br>PER FT. | 4" CENTERS<br>BALLS PER FT. | 6" CEN-<br>TERS BALLS<br>PER FT. | 2" CEN-<br>TERS WT.<br>PER FT.<br>(lbs.) | 3" CENTERS<br>WT. PER FT.<br>(lbs.) | 4" CENTERS<br>WT. PER FT.<br>(lbs.) | 6" CENTERS<br>WT. PER FT.<br>(lbs.) |
| 13"            | 36                          | 20                               | 12                          | 6                                | 28                                       | 22                                  | 19                                  | 16                                  |
| 15"            | 42                          | 20                               | 12                          | 6                                | 32                                       | 23                                  | 20                                  | 17                                  |
| 17"            | 48                          | 24                               | 15                          | 8                                | 35                                       | 26                                  | 23                                  | 18                                  |
| 19"            | 54                          | 28                               | 15                          | 8                                | 38                                       | 28                                  | 24                                  | 20                                  |
| 21"            | 60                          | 28                               | 18                          | 8                                | 42                                       | 30                                  | 26                                  | 21                                  |
| 23"            | 66                          | 32                               | 18                          | 10                               | 45                                       | 32                                  | 27                                  | 22                                  |
| 25"            | 72                          | 36                               | 21                          | 10                               | 48                                       | 34                                  | 29                                  | 24                                  |
| 27"            | 78                          | 36                               | 21                          | 10                               | 52                                       | 36                                  | 30                                  | 25                                  |
| 31"            | 90                          | 44                               | 24                          | 12                               | 58                                       | 40                                  | 34                                  | 26                                  |
| 33"            | 96                          | 44                               | 27                          | 12                               | 62                                       | 42                                  | 36                                  | 29                                  |
| 37"            | 108                         | 52                               | 30                          | 14                               | 69                                       | 45                                  | 39                                  | 30                                  |
| 39"            | 114                         | 52                               | 30                          | 14                               | 72                                       | 49                                  | 40                                  | 33                                  |
| 43"            | 126                         | 60                               | 33                          | 16                               | 79                                       | 53                                  | 43                                  | 34                                  |
| 47"            | 138                         | 64                               | 36                          | 18                               | 85                                       | 57                                  | 47                                  | 40                                  |
| 51"            | 150                         | 68                               | 39                          | 18                               | 92                                       | 61                                  | 50                                  | 42                                  |

Optional: Use SM supports on page 137

■ 2 week shipment

## WARNING

To prevent pinch points that exist when gravity conveyors are permanently attached to power conveyors, use connector brackets with safety pop-out rollers shown on pg. 111.