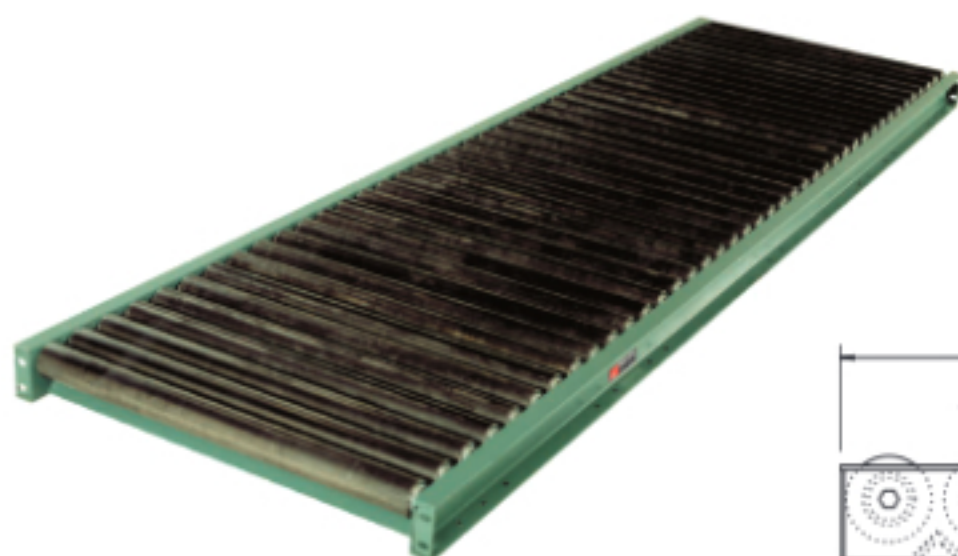
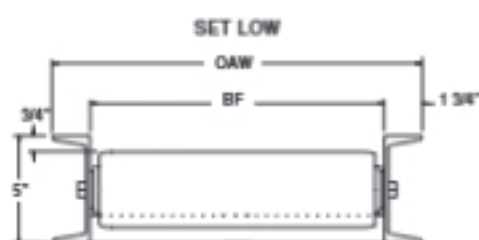
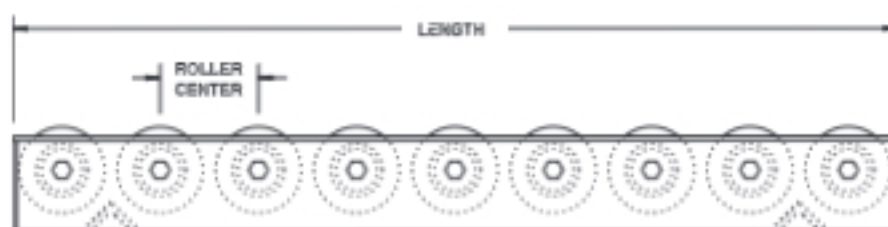


# 3509S | 3-1/2" DIA. X 9 GA. STEEL GRAVITY ROLLER CONVEYOR



STRAIGHT SECTION MODEL NUMBER  
3509S-47-4-H-3

3509S-(between frames)-(roller centers)-  
(set high or low)-(length)



## SPECIFICATIONS

► **ROLLERS:** 3-1/2" x 9 ga. steel tubing, model 3509S, with straight ends, reamed to provide smooth bearing seats.

► **ROLLER CAPACITY:** 700 lbs. per roller.

► **AXLES:** 11/16" hex shaft, spring loaded.

► **FRAMES:** 4" at 5.4 lbs. structural steel painted channel set high; 5" at 6.7 lbs. structural steel painted channel set low (extra charge for set low).

► **COUPLINGS:** Butt type.

► **BEARINGS:** Precision ABEC bearings.

► **FRAME CAPACITY:** 3750 lbs. maximum distributed live load per 10' section with supports at 10' centers; 8000 lbs. at 5' centers.

| STRAIGHT SECTIONS (WT lbs.) |                |           |           |           |            |
|-----------------------------|----------------|-----------|-----------|-----------|------------|
| NOMINAL ROLLER LENGTH       | BETWEEN FRAMES | 4" RC 10' | 6" RC 10' | 8" RC 10' | 12" RC 10' |
| 10"                         | 11"            | 296       | 234       | 203       | 172        |
| 14"                         | 15"            | 366       | 280       | 238       | 195        |
| 18"                         | 19"            | 435       | 327       | 273       | 218        |
| 22"                         | 23"            | 505       | 373       | 307       | 242        |
| 26"                         | 27"            | 575       | 420       | 342       | 265        |
| 30"                         | 31"            | 645       | 466       | 377       | 288        |
| 34"                         | 35"            | 714       | 513       | 412       | 311        |
| 38"                         | 39"            | 784       | 559       | 447       | 334        |
| 42"                         | 43"            | 854       | 606       | 482       | 358        |
| 44"                         | 45"            | 888       | 629       | 499       | 369        |
| 46"                         | 47"            | 923       | 652       | 516       | 381        |
| 50"                         | 51"            | 993       | 699       | 551       | 404        |

Optional: Use SH or SS supports on page 138

## ⚠ WARNING

Prevent pinch points that exist when gravity conveyors are permanently attached to power conveyors and other equipment!