

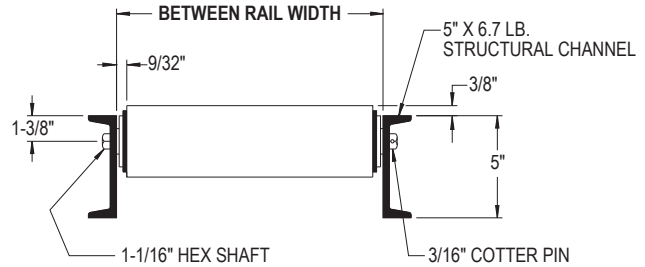
# ROLLER

## Gravity Roller Conveyor (3 1/2 in. Dia. x .300 Rollers)

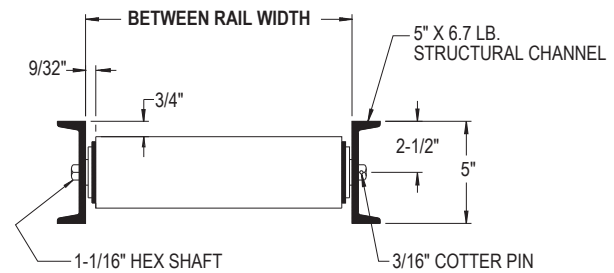
HYTROL heavy-duty roller conveyor Model 36-SR is designed and constructed to convey heavy loads, such as pallets, castings, etc. in steel industries and other manufacturing operations which require heavy-duty conveying equipment. Roller may be set high or low in conveyor frame depending on applications.

| Between Rail Width | Model No.  | Roller Centers (Inches) | Weights (Lbs.)      |                     |
|--------------------|------------|-------------------------|---------------------|---------------------|
|                    |            |                         | 10'                 | 5'                  |
|                    |            |                         | SET HIGH OR SET LOW | SET HIGH OR SET LOW |
| 7"                 | 36SR-7-4   | 4"                      | 453                 | 228                 |
|                    | 36SR-7-6   | 6"                      | 351                 | 177                 |
|                    | 36SR-7-8   | 8"                      | 300                 | 152                 |
|                    | 36SR-7-12  | 12"                     | 249                 | 126                 |
| 11"                | 36SR-11-4  | 4"                      | 596                 | 300                 |
|                    | 36SR-11-6  | 6"                      | 449                 | 226                 |
|                    | 36SR-11-8  | 8"                      | 375                 | 189                 |
|                    | 36SR-11-12 | 12"                     | 302                 | 153                 |
| 15"                | 36SR-15-4  | 4"                      | 740                 | 372                 |
|                    | 36SR-15-6  | 6"                      | 548                 | 276                 |
|                    | 36SR-15-8  | 8"                      | 451                 | 227                 |
|                    | 36SR-15-12 | 12"                     | 355                 | 179                 |
| 19"                | 36SR-19-4  | 4"                      | 884                 | 446                 |
|                    | 36SR-19-6  | 6"                      | 646                 | 325                 |
|                    | 36SR-19-8  | 8"                      | 527                 | 265                 |
|                    | 36SR-19-12 | 12"                     | 408                 | 206                 |
| 23"                | 36SR-23-4  | 4"                      | 1027                | 515                 |
|                    | 36SR-23-6  | 6"                      | 744                 | 375                 |
|                    | 36SR-23-8  | 8"                      | 602                 | 303                 |
|                    | 36SR-23-12 | 12"                     | 461                 | 232                 |
| 27"                | 36SR-27-4  | 4"                      | 1170                | 587                 |
|                    | 36SR-27-6  | 6"                      | 842                 | 423                 |
|                    | 36SR-27-8  | 8"                      | 678                 | 341                 |
|                    | 36SR-27-12 | 12"                     | 514                 | 259                 |
| 31"                | 36SR-31-4  | 4"                      | 1314                | 659                 |
|                    | 36SR-31-6  | 6"                      | 941                 | 472                 |
|                    | 36SR-31-8  | 8"                      | 754                 | 379                 |
|                    | 36SR-31-12 | 12"                     | 567                 | 285                 |
| 35"                | 36SR-35-4  | 4"                      | 1457                | 728                 |
|                    | 36SR-35-6  | 6"                      | 1038                | 521                 |
|                    | 36SR-35-8  | 8"                      | 829                 | 416                 |
|                    | 36SR-35-12 | 12"                     | 619                 | 311                 |
| 39"                | 36SR-39-4  | 4"                      | 1600                | 802                 |
|                    | 36SR-39-6  | 6"                      | 1136                | 570                 |
|                    | 36SR-39-8  | 8"                      | 904                 | 454                 |
|                    | 36SR-39-12 | 12"                     | 672                 | 338                 |
| 43"                | 36SR-43-4  | 4"                      | 1744                | 874                 |
|                    | 36SR-43-6  | 6"                      | 1235                | 619                 |
|                    | 36SR-43-8  | 8"                      | 980                 | 492                 |
|                    | 36SR-43-12 | 12"                     | 726                 | 365                 |
| 47"                | 36SR-47-4  | 4"                      | 1888                | 946                 |
|                    | 36SR-47-6  | 6"                      | 1333                | 668                 |
|                    | 36SR-47-8  | 8"                      | 1056                | 530                 |
|                    | 36SR-47-12 | 12"                     | 779                 | 391                 |
| 51"                | 36SR-51-4  | 4"                      | 2030                | 1017                |
|                    | 36SR-51-6  | 6"                      | 1431                | 719                 |
|                    | 36SR-51-8  | 8"                      | 1131                | 567                 |
|                    | 36SR-51-12 | 12"                     | 831                 | 417                 |

All weights in catalog are conveyor weights only. Accessories, crating, etc., are not included.



### SET HIGH



### SET LOW

| LOAD CAPACITY CHART |   |                         |
|---------------------|---|-------------------------|
| Support Centers     | Frame Capacity (Lbs.)   | Roller Capacity (Lbs.)  |
|                     | Maximum Distributed Live Load Per Foot<br>Rollers Set High or Low | Maximum Load Per Roller |
| 5'                  | 2500  | 1040                    |
| 10'                 | 600   |                         |

## • STANDARD SPECIFICATIONS

**WIDTHS**—Between Rail Widths 7 in., 11 in., 15 in., 19 in., 23 in., 27 in., 31 in., 35 in., 39 in., 43 in., 47 in., and 51 in.

**FRAMES**—Rollers set high or set low 5 in. x 6.7 lb. structural channel. Rollers set low 5 in. x 6.7 lb. structural channel, powder painted steel with welded cross members.

**COUPLINGS**—Butt type for bolting sections together.

**LENGTHS**—10 ft. and 5 ft. straight sections.

**ROLLERS**—3 1/2 in. x .300 unplated rollers. Bearings with steel inner-shield seals are grease packed.

**AXLES**—1 1/16 in. hex shaft with 3/16 in. cotter pin.

**CAPACITY**—See Load Capacity Chart this page.

## • OPTIONAL EQUIPMENT

**BEARINGS**—Can be supplied with Teflon seals, regreaseable.

**HEAVY-DUTY BEARINGS**—2500 lbs. capacity.