

# 3 colson SERIES

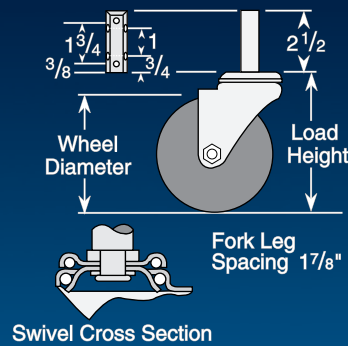
Capacity up to 400 lbs each

[www.colsoncaster.com](http://www.colsoncaster.com)

## Standard Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Permanent rivet king pin construction
- Reinforcing washer on upper & lower raceway
- Grease holes: wheel bearing
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

## Round Square Stem



### Standard Mounting: MTG31

#### Square Stem

Four 17/64" diameter mounting holes are drilled in square stem, two per side. 2 1/2" long x 7/8" square.

## Performance Options

### Mounting Options

**Round Stem** – Select size and specify by code number when ordering.

**MTG7:** 2 1/2" long x 3/4" diameter

**MTG9:** 2 1/2" long x 7/8" diameter

**MTG11:** 2 1/2" long x 1" diameter

### Fork/Wheel Options

**NSF Listed** (See page 3)

All models except thread guards and cast iron wheels (Specify **FSI**).

**Dust Cap** (See page 16) – Specify **DC1**.

**Thread Guards** (See page 16) – Available on many models. (Specify **TG1** for metal **TG2** for plastic).

| <b>Lube Options:</b> | Fork                   | Wheel       |
|----------------------|------------------------|-------------|
| No Grease            | <b>GRF1</b>            | <b>GRW1</b> |
| Double Grease        | <b>GRF2</b>            | <b>GRW2</b> |
| 300° Continuous      | <b>GRF3</b>            | <b>GRW3</b> |
| 500° Continuous      | <b>Consult Factory</b> |             |



### Caster Brake

**Tread Lock** (See page 13)

Available on all swivel models. Field installable (Specify **BRK1**).

**Axle/Nut Options:**

**AX1** Zerk Axle      **NT1** Thick lock nut  
**AX2** Solid Axle    **NT2** Thin lock nut

## Wheel Selection



PERFORMA  
FLAT TREAD



PERFORMA CONDUCTIVE/  
DISSIPATIVE



POLYOLEFIN



POLYURETHANE  
HI-TECH



PHENOLIC



CAST IRON



MAXIM

### 3 SERIES · Round & Square Stem · Capacity up to 400 lbs

| Wheel Dia. | Tread Width                 | Capacity Each (Pounds) | Wheel Descriptions                | Wheel Bearing                 | Specify Mounting Code From Previous Page | Load Height                    | Swivel Radius                 | Weight (Pounds)                |
|------------|-----------------------------|------------------------|-----------------------------------|-------------------------------|--|--------------------------------|-------------------------------|--------------------------------|
| 3"         | 1 1/2"                      | 250                    | Performa Rubber (Flat/Grey)       | Delrin                        | 3.00314.441                              | 4 <sup>5</sup> / <sub>16</sub> | 3 1/8                         | 2 1/2                          |
|            |                             |                        | Performa Rubber (Flat/Grey)       | Roller                        | 3.00314.449                              | 4 <sup>5</sup> / <sub>16</sub> | 3 1/8                         | 2 1/2                          |
|            |                             | 300                    | Polyolefin                        | Delrin                        | 3.00314.801                              | 4 <sup>5</sup> / <sub>16</sub> | 3 1/8                         | 2 1/2                          |
|            |                             |                        | Polyolefin                        | Roller                        | 3.00314.809                              | 4 <sup>5</sup> / <sub>16</sub> | 3 1/8                         | 2 1/2                          |
|            |                             |                        | Polyurethane HI-TECH              | Delrin                        | 3.00314.901                              | 4 <sup>5</sup> / <sub>16</sub> | 3 1/8                         | 2 1/2                          |
|            |                             |                        | Polyurethane HI-TECH              | Roller                        | 3.00314.909                              | 4 <sup>5</sup> / <sub>16</sub> | 3 1/8                         | 2 1/2                          |
|            |                             | 400                    | Phenolic                          | Delrin                        | 3.00314.301                              | 4 <sup>5</sup> / <sub>16</sub> | 3 1/8                         | 2 1/4                          |
|            |                             |                        | Phenolic                          | Ball                          | 3.00314.305                              | 4 <sup>5</sup> / <sub>16</sub> | 3 1/8                         | 2 1/4                          |
|            |                             |                        | Phenolic                          | Roller                        | 3.00314.309                              | 4 <sup>5</sup> / <sub>16</sub> | 3 1/8                         | 2 1/2                          |
|            |                             |                        | Cast Iron                         | Delrin                        | 3.00314.101                              | 4 <sup>5</sup> / <sub>16</sub> | 3 1/8                         | 3 3/4                          |
|            |                             | Cast Iron              | Roller                            | 3.00314.109                   | 4 <sup>5</sup> / <sub>16</sub>           | 3 1/8                          | 3 3/4                         |                                |
|            |                             | 4"                     | 1 1/2"                            | 255                           | Performa Rubber (Conductive Flat)        | Roller                         | 3.00414.449 COND              | 5 <sup>3</sup> / <sub>16</sub> |
| 325        | Performa Rubber (Flat/Grey) |                        |                                   | Delrin                        | 3.00414.441                              | 5 <sup>3</sup> / <sub>16</sub> | 3 <sup>5</sup> / <sub>8</sub> | 2 <sup>2</sup> / <sub>3</sub>  |
|            | Performa Rubber (Flat/Grey) |                        |                                   | Roller                        | 3.00414.449                              | 5 <sup>3</sup> / <sub>16</sub> | 3 <sup>5</sup> / <sub>8</sub> | 2 <sup>2</sup> / <sub>3</sub>  |
| 375        | Polyolefin                  |                        |                                   | Delrin                        | 3.00414.801                              | 5 <sup>3</sup> / <sub>16</sub> | 3 <sup>5</sup> / <sub>8</sub> | 2 1/4                          |
|            | Polyolefin                  |                        |                                   | Roller                        | 3.00414.809                              | 5 <sup>3</sup> / <sub>16</sub> | 3 <sup>5</sup> / <sub>8</sub> | 2 1/4                          |
| 400        | Maxim                       |                        |                                   | Delrin                        | 3.00414.501                              | 5 <sup>3</sup> / <sub>16</sub> | 3 <sup>5</sup> / <sub>8</sub> | 2 <sup>3</sup> / <sub>4</sub>  |
|            | Maxim                       |                        |                                   | Bronze                        | 3.00414.504                              | 5 <sup>3</sup> / <sub>16</sub> | 3 <sup>5</sup> / <sub>8</sub> | 2 <sup>3</sup> / <sub>4</sub>  |
|            | Maxim                       |                        |                                   | Roller                        | 3.00414.509                              | 5 <sup>3</sup> / <sub>16</sub> | 3 <sup>5</sup> / <sub>8</sub> | 2 <sup>3</sup> / <sub>4</sub>  |
|            | Polyurethane HI-TECH        |                        |                                   | Delrin                        | 3.00414.901                              | 5 <sup>3</sup> / <sub>16</sub> | 3 <sup>5</sup> / <sub>8</sub> | 2 <sup>3</sup> / <sub>4</sub>  |
|            | Polyurethane HI-TECH        |                        |                                   | Roller                        | 3.00414.909                              | 5 <sup>3</sup> / <sub>16</sub> | 3 <sup>5</sup> / <sub>8</sub> | 2 <sup>3</sup> / <sub>4</sub>  |
|            | Phenolic                    |                        |                                   | Delrin                        | 3.00414.301                              | 5 <sup>3</sup> / <sub>16</sub> | 3 <sup>5</sup> / <sub>8</sub> | 2 1/2                          |
|            | Phenolic                    |                        |                                   | Ball                          | 3.00414.305                              | 5 <sup>3</sup> / <sub>16</sub> | 3 <sup>5</sup> / <sub>8</sub> | 2 1/2                          |
|            | Phenolic                    |                        |                                   | Roller                        | 3.00414.309                              | 5 <sup>3</sup> / <sub>16</sub> | 3 <sup>5</sup> / <sub>8</sub> | 2 <sup>3</sup> / <sub>4</sub>  |
| Cast Iron  | Delrin                      |                        |                                   | 3.00414.101                   | 5 <sup>3</sup> / <sub>16</sub>           | 3 <sup>5</sup> / <sub>8</sub>  | 4                             |                                |
| Cast Iron  | Roller                      | 3.00414.109            | 5 <sup>3</sup> / <sub>16</sub>    | 3 <sup>5</sup> / <sub>8</sub> | 4  |                                |                               |                                |
| 5"         | 1 1/2"                      | 280                    | Performa Rubber (Conductive Flat) | Roller                        | 3.00514.449 COND                         | 6 <sup>3</sup> / <sub>16</sub> | 3 <sup>7</sup> / <sub>8</sub> | 3                              |
|            |                             | 350                    | Performa Rubber (Flat/Grey)       | Delrin                        | 3.00514.441                              | 6 <sup>3</sup> / <sub>16</sub> | 3 <sup>7</sup> / <sub>8</sub> | 3                              |
|            |                             |                        | Performa Rubber (Flat/Grey)       | Roller                        | 3.00514.449                              | 6 <sup>3</sup> / <sub>16</sub> | 3 <sup>7</sup> / <sub>8</sub> | 3                              |
|            |                             | 400                    | Polyolefin                        | Delrin                        | 3.00514.801                              | 6 <sup>3</sup> / <sub>16</sub> | 3 <sup>7</sup> / <sub>8</sub> | 2 1/2                          |
|            |                             |                        | Polyolefin                        | Roller                        | 3.00514.809                              | 6 <sup>3</sup> / <sub>16</sub> | 3 <sup>7</sup> / <sub>8</sub> | 2 1/2                          |
|            |                             |                        | Polyurethane HI-TECH              | Delrin                        | 3.00514.901                              | 6 <sup>3</sup> / <sub>16</sub> | 3 <sup>7</sup> / <sub>8</sub> | 3                              |
|            |                             |                        | Polyurethane HI-TECH              | Roller                        | 3.00514.909                              | 6 <sup>3</sup> / <sub>16</sub> | 3 <sup>7</sup> / <sub>8</sub> | 3                              |
|            |                             |                        | Phenolic                          | Delrin                        | 3.00514.301                              | 6 <sup>3</sup> / <sub>16</sub> | 3 <sup>7</sup> / <sub>8</sub> | 2 1/2                          |
|            |                             |                        | Phenolic                          | Ball                          | 3.00514.305                              | 6 <sup>3</sup> / <sub>16</sub> | 3 <sup>7</sup> / <sub>8</sub> | 2 1/2                          |
|            |                             |                        | Phenolic                          | Roller                        | 3.00514.309                              | 6 <sup>3</sup> / <sub>16</sub> | 3 <sup>7</sup> / <sub>8</sub> | 2 <sup>3</sup> / <sub>4</sub>  |
|            |                             |                        | Cast Iron                         | Delrin                        | 3.00514.101                              | 6 <sup>3</sup> / <sub>16</sub> | 3 <sup>7</sup> / <sub>8</sub> | 4 1/2                          |
|            |                             | Cast Iron              | Roller                            | 3.00514.109                   | 6 <sup>3</sup> / <sub>16</sub>           | 3 <sup>7</sup> / <sub>8</sub>  | 4 1/2                         |                                |
| 6"         | 1 1/2"                      | 300                    | Performa Rubber (Conductive Flat) | Roller                        | 3.00614.449 COND                         | 7 <sup>3</sup> / <sub>16</sub> | 4 <sup>5</sup> / <sub>8</sub> | 4                              |
|            |                             | 375                    | Performa Rubber (Flat/Grey)       | Delrin                        | 3.00614.441                              | 7 <sup>3</sup> / <sub>16</sub> | 4 <sup>5</sup> / <sub>8</sub> | 4                              |
|            |                             |                        | Performa Rubber (Flat/Grey)       | Roller                        | 3.00614.449                              | 7 <sup>3</sup> / <sub>16</sub> | 4 <sup>5</sup> / <sub>8</sub> | 4                              |
|            |                             | 400                    | Polyolefin                        | Delrin                        | 3.00614.801                              | 7 <sup>3</sup> / <sub>16</sub> | 4 <sup>5</sup> / <sub>8</sub> | 2 1/2                          |
|            |                             |                        | Polyolefin                        | Roller                        | 3.00614.809                              | 7 <sup>3</sup> / <sub>16</sub> | 4 <sup>5</sup> / <sub>8</sub> | 2 1/2                          |
|            |                             |                        | Polyurethane HI-TECH              | Delrin                        | 3.00614.901                              | 7 <sup>3</sup> / <sub>16</sub> | 4 <sup>5</sup> / <sub>8</sub> | 3 1/2                          |
|            |                             |                        | Polyurethane HI-TECH              | Roller                        | 3.00614.909                              | 7 <sup>3</sup> / <sub>16</sub> | 4 <sup>5</sup> / <sub>8</sub> | 3 1/2                          |
|            |                             |                        | Phenolic                          | Delrin                        | 3.00614.301                              | 7 <sup>3</sup> / <sub>16</sub> | 4 <sup>5</sup> / <sub>8</sub> | 3 1/4                          |
|            |                             |                        | Phenolic                          | Ball                          | 3.00614.305                              | 7 <sup>3</sup> / <sub>16</sub> | 4 <sup>5</sup> / <sub>8</sub> | 3 1/4                          |
|            |                             |                        | Phenolic                          | Roller                        | 3.00614.309                              | 7 <sup>3</sup> / <sub>16</sub> | 4 <sup>5</sup> / <sub>8</sub> | 3 1/2                          |
|            |                             |                        | Cast Iron                         | Delrin                        | 3.00614.101                              | 7 <sup>3</sup> / <sub>16</sub> | 4 <sup>5</sup> / <sub>8</sub> | 5 <sup>3</sup> / <sub>4</sub>  |
|            |                             | Cast Iron              | Roller                            | 3.00614.109                   | 7 <sup>3</sup> / <sub>16</sub>           | 4 <sup>5</sup> / <sub>8</sub>  | 5 <sup>3</sup> / <sub>4</sub> |                                |

Roller Bearing Options: Metal cage roller bearing (Specify **WB29**).

3 SERIES