

# 50

## SERIES MEDIUM HEAVY DUTY

1,500 LBS maximum capacity

[casterdepot.com](http://casterdepot.com)



Item Shown: 50-06201-60-1

### FEATURES

**Swivel Section:** Constructed of hot forged SAE 1045 steel and built to the same dimensions as popular cold forged industrial casters. The 2-1/2" diameter load race is precision machined to a mirror smooth finish.

**Legs:** 1/4" x 2" formed steel and welded inside and outside to the yoke base.

**Kingpin:** 3/4" diameter, integrally forged as part of the top plate, machined concentric to the load race.

**Axle:** 1/2" diameter.

**Lubrication:** Pre-lubricated before shipping.

**Wheels:** 4" to 8" diameter wheels with straight roller bearings, ball bearings or tapered roller bearings.

**Finish:** Zinc plated for corrosion resistance.

### BENEFITS

This heavy duty hot forged swivel caster is built for severe service. The hot forged, machined raceway with integral kingpin and steel bar formed and welded legs provides a stronger swivel with heavier section thickness. The long wearing characteristics of this caster will outperform cold forged or stamped casters in swivel applications.

- Sealed Swivel:** ..... SSW
- Sealed Wheels:** ..... SW
- Toe Guard:** ..... TG
- Heat Treated Raceways:** ..... HT

*\*For wheels with diameter >6*

| Top Plate Size | Bolt Hole Spacing                     | Bolt Diameter |
|----------------|---------------------------------------|---------------|
| Std: 4.0 x 5.0 | 2.625 x 3.625<br>Slotted to 3.0 x 3.0 | 0.375         |

### OPTIONS

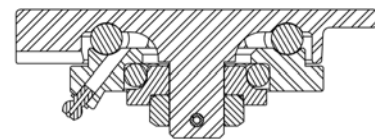
- Brakes:**
- Cam: ..... C\*
  - Poly Lock: ..... P\*
  - Wrap Around: ..... W\*
  - Dual Side: ..... DS
  - Face Contact: ..... F

- Swivel Locks:**
- Factory Installed: ..... L
  - Demountable: ..... DL
  - Passive: ..... PL

### APPLICATIONS

Production racks and fixtures, live skids, unitized dairy distribution carts, automated guided vehicles, automated assembly lines.

### 50 Series Cross Sectional View



| WHEEL |       |                       | CAPACITY       |                |       |             | PART NUMBER     |                |               |       |
|-------|-------|-----------------------|----------------|----------------|-------|-------------|-----------------|----------------|---------------|-------|
| Dia.  | Width | Material              | Roller Bearing | Precision Ball | OAH   | Swivel Lead | Straight Roller | Precision Ball | Swivel Radius | Wt.   |
| 4     | 1.50  | Forged Steel          | 1,400          | 1,400          | 5.63  | 1.50        | 50-04101-20-1   | 50-04109-20-1† | 3.58          | 7.25  |
| 4     | 2.00  | Phenolic Resin        | 800            |                | 5.63  | 1.50        | 50-04201-30-1   |                | 3.64          | 7.50  |
| 4     | 2.00  | Cast Iron             | 1,000          |                | 5.63  | 1.50        | 50-04201-10-1   |                | 3.64          | 7.50  |
| 4     | 2.00  | Standard Polyurethane | 700            | 700            | 5.63  | 1.50        | 50-04201-60-1   | 50-04204-60-1  | 3.64          | 7.50  |
| 4     | 2.00  | H.D. T/R Polyurethane | 600            | 600            | 5.63  | 1.50        | 50-04201-66-1   | 50-04202-66-1  | 3.64          | 7.50  |
| 4     | 2.00  | Mold On Rubber        | 350            |                | 5.63  | 1.50        | 50-04201-70-1   |                | 3.64          | 8.20  |
| 5     | 2.00  | Forged Steel          | 1,500          | 1,500          | 6.50  | 1.75        | 50-05201-20-1   | 50-05209-20-1† | 4.37          | 10.20 |
| 5     | 2.00  | Cast Iron             | 1,200          |                | 6.50  | 1.75        | 50-05201-10-1   |                | 4.37          | 9.20  |
| 5     | 2.00  | Phenolic Resin        | 1,000          |                | 6.50  | 1.75        | 50-05201-30-1   |                | 4.37          | 8.50  |
| 5     | 2.00  | Standard Polyurethane | 1,050          | 1,050          | 6.50  | 1.75        | 50-05201-60-1   | 50-05202-60-1  | 4.37          | 10.00 |
| 5     | 2.00  | T/R Polyurethane      | 850            | 850            | 6.50  | 1.75        | 50-05201-61-1   | 50-05202-61-1  | 4.37          | 10.00 |
| 5     | 2.00  | Mold On Rubber        | 400            |                | 6.50  | 1.75        | 50-05201-70-1   |                | 4.37          | 10.00 |
| 6     | 2.00  | Forged Steel          | 1,500          | 1,500          | 7.50  | 2.25        | 50-06201-20-1   | 50-06209-20-1† | 5.34          | 13.50 |
| 6     | 2.00  | Cast Iron             | 1,200          |                | 7.50  | 2.25        | 50-06201-10-1   |                | 5.34          | 13.00 |
| 6     | 2.00  | Phenolic Resin        | 1,200          |                | 7.50  | 2.25        | 50-06201-30-1   |                | 5.34          | 9.50  |
| 6     | 2.00  | Standard Polyurethane | 1,200          | 1,200          | 7.50  | 2.25        | 50-06201-60-1   | 50-06202-60-1  | 5.34          | 12.00 |
| 6     | 2.00  | T/R Polyurethane      | 1,000          | 1,000          | 7.50  | 2.25        | 50-06201-61-1   | 50-06202-61-1  | 5.34          | 12.00 |
| 6     | 2.00  | Mold On Rubber        | 425            |                | 7.50  | 2.25        | 50-06201-70-1   |                | 5.34          | 12.00 |
| 8     | 2.00  | Cast Iron             | 1,500          |                | 10.12 | 2.25        | 50-08201-10-1   |                | 6.33          | 16.50 |
| 8     | 2.00  | Phenolic Resin        | 1,400          |                | 10.12 | 2.25        | 50-08201-30-1   |                | 6.33          | 12.00 |
| 8     | 2.00  | Standard Polyurethane | 1,500          | 1,500          | 10.12 | 2.25        | 50-08201-60-1   | 50-08202-60-1  | 6.33          | 14.00 |
| 8     | 2.00  | T/R Polyurethane      | 1,200          | 1,200          | 10.12 | 2.25        | 50-08201-61-1   | 50-08202-61-1  | 6.33          | 14.00 |
| 8     | 2.00  | Mold On Rubber        | 500            |                | 10.12 | 2.25        | 50-08201-70-1   |                | 6.33          | 14.00 |

Capacity listed is for manual operation. For powered operations, consult factory.  
 Part Numbers listed are for the swivel caster. For rigid casters, change the last digit from 1 to 2 (i.e. 50-06201-60-2)  
 Estimated weight is for swivel caster. Deduct 20 percent of swivel caster weight for rigid casters.  
 †This caster has tapered bearings.  
 \* This caster has annular ball bearings.  
 All dimensions are in inches. All weights are in pounds.

