

50 Series

Medium Heavy Duty Industrial Casters
Capacity to 1,500 lbs

50 Series Medium Heavy Duty Industrial Casters have higher capacities at an excellent value. They feature cold forged steel construction and heat treated swivel raceways. Commonly found on industrial and shop equipment. Our entire selection of 2" wide wheels is available on this series!

50 Series Specifications

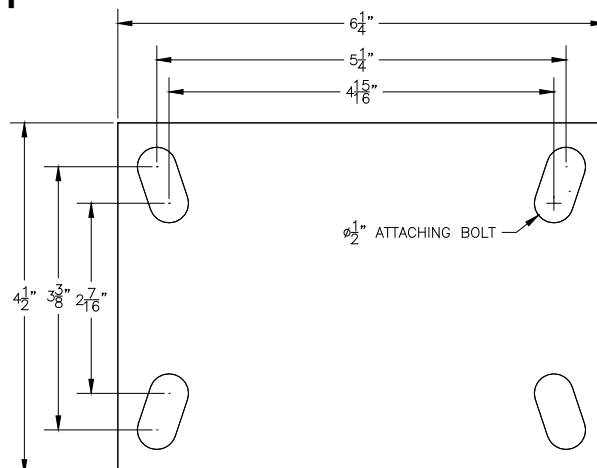
Capacity	up to 1,500 lbs
Wheel Size	4", 5", 6", 8" diameter x 2" tread width
Top Plate Size	4-1/2" x 6-1/4"
Bolt Hole Spacing	2-7/16" x 4-15/16" slotted to 3-3/8" x 5-1/4", 1/2" bolt
Bearings Avail.	Roller (R), Ball (B), Delrin (D), Caged (C)

50 Series Options

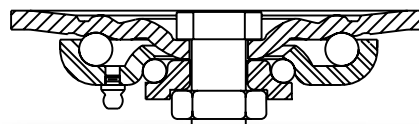
Option Code	Description
SLFI	Swivel Lock, field installable
CB	Cam Brake, incompatible with ball bearing
FB	Face Brake
FBB	HD Face Brake
734	7-3/4" Overall Height (6" x 2" models)



Top Plate



Swivel Cross Section



Building a Caster Part Number

To build your caster part number, use the base part number marked in the data block and add S for Swivel or R for Rigid and any options listed above you would like. To add multiple options, like a brake and swivel lock, add the codes to the end and separate with a hyphen.



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Capacity to 1,500 lbs

Indicate **S** for Swivel or **R** for Rigid at end of part number. Ex. 50TRR42**R**

PP

**Polyurethane
on Plastic**

Standard Bearing: Roller (R)
Optional Bearings: Ball (B), Delrin (D)



A great all around wheel. Floor protective, chemically resistant, and high capacity. Capacity to 1,000 lbs.

4"x2"

Cap: **600 lbs**
OAH: **5-5/8"**
PN: **50PPR42S**

5"x2"

Cap: **750 lbs**
OAH: **6-1/2"**
PN: **50PPR52S**

6"x2"

Cap: **900 lbs**
OAH: **7-1/2"**
PN: **50PPR62S**

8"x2"

Cap: **1,000 lbs**
OAH: **10-1/8"**
PN: **50PPR82S**

PI

**Polyurethane
on Iron**

Standard Bearing: Roller (R)
Optional Bearings: Ball (B), Delrin (D)



Durable, high capacity wheels that fit almost any budget. Polyurethane tread is floor protective and non-scuffing. Capacity to 1,500 lbs

4"x2"

Cap: **700 lbs**
OAH: **5-5/8"**
PN: **50PIR42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **50PIR52S**

6"x2"

Cap: **1,200 lbs**
OAH: **7-1/2"**
PN: **50PIR62S**

8"x2"

Cap: **1,500 lbs**
OAH: **10-1/8"**
PN: **50PIR82S**

PA

**Polyurethane
on Aluminum**

Standard Bearing: Roller (R)
Optional Bearings: Ball (B), Delrin (D)



Chemical and corrosion resistant, high capacity, and floor protection. Capacity to 1,500 lbs.

4"x2"

Cap: **700 lbs**
OAH: **5-5/8"**
PN: **50PAR42S**

5"x2"

Cap: **1,050 lbs**
OAH: **6-1/2"**
PN: **50PAR52S**

6"x2"

Cap: **1,230 lbs**
OAH: **7-1/2"**
PN: **50PAR62S**

8"x2"

Cap: **1,500 lbs**
OAH: **10-1/8"**
PN: **50PAR82S**

SE

**Solid
Elastomer**

Standard Bearing: Ball (B)
Optional Bearings: None



Great for shock loading and towline applications. Smooth rolling and easy to start. Capacity to 1,500 lbs.

4"x2"

Cap: **1,050 lbs**
OAH: **5-5/8"**
PN: **50SEB42S**

5"x2"

Cap: **1,200 lbs**
OAH: **6-1/2"**
PN: **50SEB52S**

6"x2"

Cap: **1,250 lbs**
OAH: **7-1/2"**
PN: **50SEB62S**

8"x2"

Cap: **1,500 lbs**
OAH: **10-1/8"**
PN: **50SEB82S**

SU

**Solid
Polyurethane**

Standard Bearing: Caged (C)
Optional Bearings: Ball (B), Delrin (D)



Easy to roll and high capacity, solid urethane wheels are also floor protective and relatively quiet. Capacity to 1,500 lbs.

4"x2"

Cap: **700 lbs**
OAH: **5-5/8"**
PN: **50SUC42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **50SUC52S**

6"x2"

Cap: **1,200 lbs**
OAH: **7-1/2"**
PN: **50SUC62S**

8"x2"

Cap: **1,500 lbs**
OAH: **10-1/8"**
PN: **50SUC82S**

NX

Solid Nylon

Standard Bearing: Precision Ball (B)
Optional Bearings: None



High impact polymer wheels are excellent for heavy-duty, abusive applications. Solid nylon wheels are resistant to most chemicals and corrosion. Capacity to 1,500 lbs

4"x2"

Cap: **1,500 lbs**
OAH: **5-5/8"**
PN: **50NXB42S**

5"x2"

Cap: **1,500 lbs**
OAH: **6-1/2"**
PN: **50NXB52S**

6"x2"

Cap: **1,500 lbs**
OAH: **7-1/2"**
PN: **50NXB62S**

8"x2"

Cap: **1,500 lbs**
OAH: **10-1/8"**
PN: **50NXB82S**

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XM	Advanced Ergonomic
Standard Bearing: Ball (B) Optional Bearings: None	



Easy to push, effortless rolling, and standard precision bearings. Excellent for manual push and towing applications (consult us about towing). Capacity to 1,500 lbs.

4"x2"

Cap: **800 lbs**
OAH: **5-5/8"**
PN: **50XMB42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **50XMB52S**

6"x2"

Cap: **1,250 lbs**
OAH: **7-1/2"**
PN: **50XMB62S**

8"x2"

Cap: **1,500 lbs**
OAH: **10-1/8"**
PN: **50XMB82S**

GP	Reinforced Polypropylene
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



High capacity and impact resistant, Reinforced Polypropylene wheels are great for abusive applications. Capacities to 1,500 lbs.

4"x2"

Cap: **800 lbs**
OAH: **5-5/8"**
PN: **50GPR42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **50GPR52S**

6"x2"

Cap: **1,200 lbs**
OAH: **7-1/2"**
PN: **50GPR62S**

8"x2"

Cap: **1,400 lbs**
OAH: **10-1/8"**
PN: **50GPR82S**

PN	Phenolic
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Inexpensive and durable, Phenolic wheels are high capacity and floor protective. Do not use in wet or moist applications. Capacity to 1,500 lbs.

4"x2"

Cap: **800 lbs**
OAH: **5-5/8"**
PN: **50PNR42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **50PNR52S**

6"x2"

Cap: **1,200 lbs**
OAH: **7-1/2"**
PN: **50PNR62S**

8"x2"

Cap: **1,500 lbs**
OAH: **10-1/8"**
PN: **50PNR82S**

RI	Rubber on Cast Iron
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Economical, quiet wheel ideal for use on platform trucks or stock dollies. Floor protective, may leave rubber scuffs when skidded. Capacity to 500 lbs.

4"x2"

Cap: **350 lbs**
OAH: **5-5/8"**
PN: **50RIR42S**

5"x2"

Cap: **400 lbs**
OAH: **6-1/2"**
PN: **50RIR52S**

6"x2"

Cap: **410 lbs**
OAH: **7-1/2"**
PN: **50RIR62S**

8"x2"

Cap: **500 lbs**
OAH: **10-1/8"**
PN: **50RIR82S**

TR	Thermoplastic Rubber on Polypropylene
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Flat tread thermoplastic rubber wheels provide smooth and quiet operation. They are safe for use on all floors. Capacity to 675 lbs.

4"x2"

Cap: **350 lbs**
OAH: **5-5/8"**
PN: **50TRR42S**

5"x2"

Cap: **375 lbs**
OAH: **6-1/2"**
PN: **50TRR52S**

6"x2"

Cap: **600 lbs**
OAH: **7-1/2"**
PN: **50TRR62S**

8"x2"

Cap: **675 lbs**
OAH: **10-1/8"**
PN: **50TRR82S**

FS	Forged Steel
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Forged steel wheels provide the highest capacity, greatest impact strength, and easiest rollability. Wheels are die-formed from pre-heated billets. Capacity to 1,500 lbs.

4"x1½"

Cap: **1,400 lbs**
OAH: **5-5/8"**
PN: **50FSR41S**

5"x1¾"

Cap: **1,500 lbs**
OAH: **6-1/2"**
PN: **50FSR52S**

6"x2"

Cap: **1,500 lbs**
OAH: **7-1/2"**
PN: **50FSR62S**

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CI	Cast Iron
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



High capacity at a low price, Cast Iron wheels are ideal for heavy loads in industrial environments. May damage floors. Capacity to 1,500 lbs.

4"x2"

Cap: **800 lbs**
OAH: **5-5/8"**
PN: **50CIR42S**

5"x2"

Cap: **1,000 lbs**
OAH: **6-1/2"**
PN: **50CIR52S**

6"x2"

Cap: **1,200 lbs**
OAH: **7-1/2"**
PN: **50CIR62S**

8"x2"

Cap: **1,250 lbs**
OAH: **10-1/8"**
PN: **50CIR82**

VI	V-Groove Cast Iron
Standard Bearing: Roller (R) Optional Bearings: Ball (B), Delrin (D)	



Designed to ride on inverted angle-iron track, v-groove cast iron wheels are ideal for transfer carts, shuttle conveyors, and other process equipment. Capacity to 1,000 lbs

4"x2"

Cap: **800 lbs**
OAH: **5-5/8"**
PN: **50VIR42R**

5"x2"

Cap: **800 lbs**
OAH: **6-1/2"**
PN: **50VIR52R**

6"x2"

Cap: **1,000 lbs**
OAH: **7-1/2"**
PN: **50VIR62R**

8"x2"

Cap: **1,000 lbs**
OAH: **10-1/8"**
PN: **50VIR82R**

Sometimes the answers aren't in the book

We think that this catalog represents a wide selection of casters that will work for most applications. Most doesn't mean all, and we know that. No matter what your caster application requires, we can help:

- Spring-loaded, shock absorbing casters
- MRI compatible casters
- Wash-down duty casters
- High-temperature casters
- Dual wheel rigs
- Cantilevered wheels
- Tapered bearing swivel sections

Our team of caster experts have over 400 years' combined experience. No matter your application, our team is able to get you the caster you need to solve your problem.

Call us at 800.777.0600

Visit www.cc-efi.com/rfq

