

R110 SERIES

Heavy Duty
Forged Steel

Load Capacity: 680 lbs. - 5,500 lbs.

Quality Features

• INTEGRALLY FORGED KING PIN.

Large 1" King pin is integrally forged with upper raceway using SAE-1050 quality grade steel. Used with a slotted nut to allow for proper bearing adjustment whenever necessary. Designed to be virtually indestructible!

• HOT FORGED STEEL CONSTRUCTION.

Top plate, yoke base and bearing retainer are hot forged using SAE-1050 hardening quality steel. Raceways are precision machined for 1/2" hardened chrome steel load bearings and tapered thrust bearing.

• FLAMED HARDENED SWIVEL RACEWAY.

All bearing raceways are flame hardened to extend service life, reduce brinelling from shock loads, and to generally improve swivel performance.

• FORMED AND WELDED FORK LEGS.

Extra-wide 3/8" x 4" side forks with formed reinforcing bubble are continuously welded on for added strength.

• LOCKED WHEEL AXLE.

Special 3/4" ground steel axle bolt is locked in position with indexing lance in side fork to prevent unwanted movement.

SWIVEL



The ever-popular 110 series is nearly synonymous with the automotive industry. Hot forged top plate, yoke base and bearing retainer are made with SAE-1050 steel and features a strong integrated king pin with slotted adjusting nut. Raceways are flame hardened for longer life and better performance.

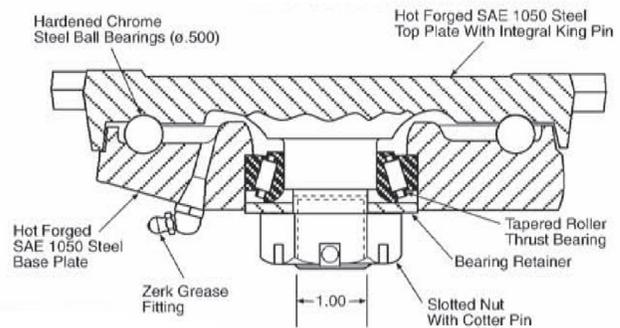
Common applications include:

- Heavy-Duty Parts Trailers
- Door Dollies
- Large Flat Bed Trailers

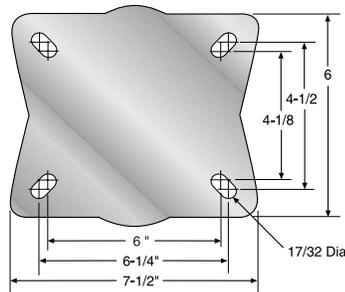
This one of a kind caster is ideal for towing applications and is made to be one of the strongest on the market.

Standard finish is Industrial Blue Enamel.

SWIVEL BEARING RACEWAY R110 SERIES



TOP PLATE



RIGID



76



Wheel Selection

CAST IRON HUB

MOLD-ON RUBBER

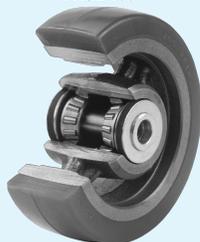
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CAST IRON HUB

MOLD-ON POLYURETHANE

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CAST IRON HUB

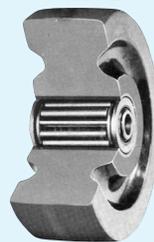
MOLD-ON SOFT POLY

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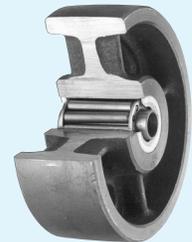
PHENOLIC

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CAST IRON

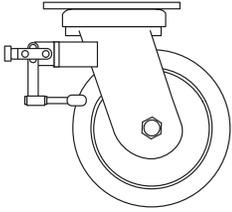
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All single wheel loads are based on 3 mph for less than 10 minutes continuous running.

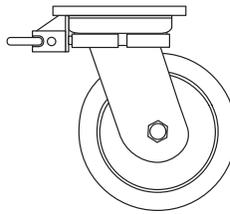
BRAKES

Universal Wheel Brake



The strongest, most positive foot-operated brake available. Once locked, this brake cannot be forced open under any amount of abuse until the foot bar is raised to the unlocked position. Works equally well on hard tread or soft tread wheels. Is fully adjustable to compensate for wheel wear, and is even effective on wheels with thread guards or tapered roller bearings. All parts, according to their mechanical functions, stresses, strains and wear are heat treated for longer life.

Heavy Duty Swivel Lock



This husky, plunger-type swivel lock, with cast malleable iron body can be welded to any of the heavy-duty casters.

| Diameter | Tread Width | Load Capacity | Wheel Material | Bearing | Swivel Part Number | Rigid Part Number | Approx. Weight | Overall Height | Swivel Radius |
|--------------|----------------|----------------------------|-------------------------------|----------------|---------------------------|-------------------|----------------|----------------|---------------|
| | | | | | | | | | |
| 6 | 3 | 680 | MOLD-ON RUBBER | TAPERED ROLLER | SC-110-63-RS | RC-110-63-RS | 31-1/5 | 9-1/2 | 5-1/2 |
| | | 1080 | SOFT POLY / CAST IRON HUB | | SC-110-63-PS8 | RC-110-63-PS8 | 33-3/10 | | |
| | | 2000 | PHENOLIC | | SC-110-63-PR | RC-110-63-PR | 25-1/5 | | |
| | | | POLYURETHANE / CAST IRON HUB | | SC-110-63-PS | RC-110-63-PS | 33-3/10 | | |
| 8 | 3 | 840 | MOLD-ON RUBBER* | TAPERED ROLLER | SC-110-7-RS | RC-110-7-RS | 39-2/5 | 10-1/2 | 6-1/2 |
| | | | MOLD-ON RUBBER | | SC-110-73-RS | RC-110-73-RS | 40 | 11-1/2 | |
| | | 2050 | SOFT POLY / CAST IRON HUB* | | SC-110-8-RS | RC-110-8-RS | 34 | 10-1/2 | |
| | | | SOFT POLY / CAST IRON HUB | | SC-110-83-RS | RC-110-83-RS | 34-7/10 | 11-1/2 | |
| | | | | | SC-110-7-PS8 | RC-110-7-PS8 | 41-2/5 | 10-1/2 | |
| | | | SC-110-73-PS8 | | RC-100-73-PS8 | 41-9/10 | 11-1/2 | | |
| | | 2500 | PHENOLIC | | SC-110-8-PS8 | RC-110-8-PS8 | 35-7/10 | 10-1/2 | |
| | | | | | SC-110-83-PS8 | RC-110-83-PS8 | 36-3/10 | 11-1/2 | |
| | | | POLYURETHANE / CAST IRON HUB* | | SC-110-8-PR | RC-110-8-PR | 28-4/5 | 10-1/2 | |
| | | | | | SC-110-83-PR | RC-110-83-PR | 28-1/2 | 11-1/2 | |
| | | | | | SC-110-7-PS | RC-110-7-PS | 41-2/5 | 10-1/2 | |
| | | | | | SC-110-73-PS | RC-100-73-PS | 41-9/10 | 11-1/2 | |
| | | 5500 | DROP FORGED STEEL | | SC-110-8-PS | RC-110-8-PS | 35-7/10 | 10-1/2 | |
| | | | | | SC-110-83-PS | RC-110-83-PS | 36-3/10 | 11-1/2 | |
| 10 | 3 | 1000 | MOLD-ON RUBBER | TAPERED ROLLER | SC-110-10-RS | RC-110-10-RS | 45-1/5 | 12-1/2 | 7-1/2 |
| | | | MOLD-ON RUBBER* | | SC-110-11-RS | RC-110-11-RS | 46-3/5 | 13-1/2 | 8-1/2 |
| | | | | | SC-110-111-RS | RC-110-111-RS | 48-1/10 | 14-1/2 | 8-1/2 |
| | | | 2400 | | SOFT POLY / CAST IRON HUB | SC-110-9-RS | RC-110-9-RS | 45-1/5 | 12-1/2 |
| | | SC-110-93-RS | | | | RC-110-93-RS | 46-3/5 | 13-1/2 | 8-1/2 |
| | | SOFT POLY / CAST IRON HUB* | | | SC-110-94-RS | RC-110-94-RS | 48-1/10 | 14-1/2 | 8-1/2 |
| | | | | | SC-110-10-PS8 | RC-110-10-PS8 | 47-7/10 | 12-1/2 | 7-1/2 |
| | | | | | SC-110-11-PS8 | RC-110-11-PS8 | 48-9/10 | 13-1/2 | 8-1/2 |
| | | | | | SC-110-111-PS8 | RC-110-111-PS8 | 50-2/5 | 14-1/2 | 8-1/2 |
| | | 2600 | POLYURETHANE / CAST IRON HUB | | SC-110-9-PS8 | RC-110-9-PS8 | 46-9/10 | 12-1/2 | 7-1/2 |
| | | | | | SC-110-93-PS8 | RC-110-93-PS8 | 47-9/10 | 13-1/2 | 8-1/2 |
| | | | POLYURETHANE / CAST IRON HUB* | | SC-110-94-PS8 | RC-110-94-PS8 | 49-2/5 | 14-1/2 | 8-1/2 |
| | | | | | SC-110-10-PS | RC-110-10-PS | 47-7/10 | 12-1/2 | 7-1/2 |
| | | | | | SC-110-11-PS | RC-110-11-PS | 48-9/10 | 13-1/2 | 8-1/2 |
| | | | | | SC-110-111-PS | RC-110-111-PS | 50-2/5 | 14-1/2 | 8-1/2 |
| | | 2900 | PHENOLIC | | SC-110-9-PS | RC-110-9-PS | 46-9/10 | 12-1/2 | 7-1/2 |
| | | | | | SC-110-93-PS | RC-110-93-PS | 47-9/10 | 13-1/2 | 8-1/2 |
| | | | | | SC-110-94-PS | RC-110-94-PS | 49-2/5 | 14-1/2 | 8-1/2 |
| SC-110-10-PR | RC-110-10-PR | | | 31-3/5 | 12-1/2 | 7-1/2 | | | |
| 4 | MOLD-ON RUBBER | SC-110-11-PR | RC-110-11-PR | 33 | 13-1/2 | 8-1/2 | | | |
| | | SC-110-111-PR | RC-110-111-PR | 34-1/2 | 14-1/2 | 8-1/2 | | | |
| | | SC-110-104-RS | RC-110-104-RS | 50-9/10 | 12-1/2 | 8-1/2 | | | |
| | | SC-110-104-PS8 | RC-110-104-PS8 | 34-4/5 | 12-1/2 | 8-1/2 | | | |
| | | SC-110-104-PS | RC-110-104-PS | 34-4/5 | 12-1/2 | 8-1/2 | | | |
| | | SC-110-104-RS | RC-110-104-RS | 34-4/5 | 12-1/2 | 8-1/2 | | | |
| 12 | 3 | 1140 | MOLD-ON RUBBER | TAPERED ROLLER | SC-110-112-RS | RC-110-112-RS | 49-7/10 | 15-1/2 | 9-1/2 |
| | | | SOFT POLY / CAST IRON HUB | | SC-110-12-RS | RC-110-12-RS | 48-3/10 | 14-1/2 | |
| | | 2760 | SOFT POLY / CAST IRON HUB | | SC-110-112-PS8 | RC-110-112-PS8 | 50-1/5 | 15-1/2 | |
| | | | | | SC-110-12-PS8 | RC-110-12-PS8 | 48-4/5 | 14-1/2 | |
| | | 3500 | PHENOLIC | | SC-110-112-PR | RC-110-112-PR | 37-3/5 | 15-1/2 | |
| | | | | | SC-110-12-PR | RC-110-12-PR | 36-1/5 | 14-1/2 | |
| | | | POLYURETHANE / CAST IRON HUB | | SC-110-112-PS | RC-110-112-PS | 50-1/5 | 15-1/2 | |
| | | | | | SC-110-12-PS | RC-110-12-PS | 48-4/5 | 14-1/2 | |

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