

# R120

# SERIES

Extra-Heavy Duty  
Forged Steel

Load Capacity: 1,000 lbs. - 8,000 lbs.

## Quality Features

- **INTEGRALLY FORGED KING PIN.**  
Large 1-1/4" 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 5/8" 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 5" side forks with formed reinforcing bubble are continuously welded for added strength.
- **LOCKED WHEEL AXLE.**  
Special 1-1/4" diameter ground steel axle bolt is locked in position with indexing lance in side fork to prevent unwanted movement.

Ranks as one of the heaviest, toughest single wheel caster on earth. Hot forged 8-1/2" square top plate, sectioned yoke base, and bottom 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.

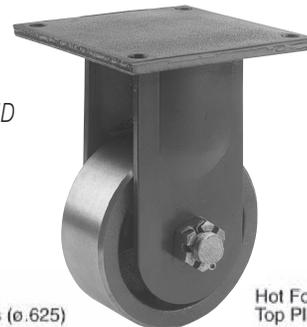
Common applications include:

- Heavy Auto Frame Racks
- Extra-Heavy Service Dollies
- Truck and Tractor Tire Hauling
- Extra-Heavy Duty Towing Trailers

This exceptional extra-heavy duty caster is made to master any load. Standard finish is Industrial Blue Enamel.

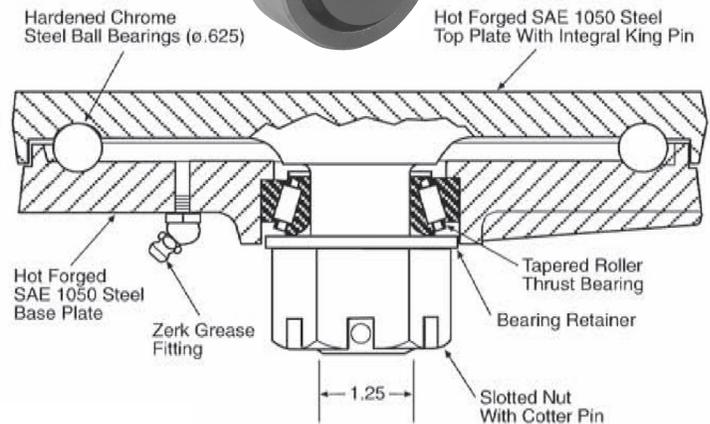


SWIVEL



RIGID

SWIVEL  
BEARING RACEWAY  
R120 SERIES



80



## Wheel Selection

CAST IRON HUB

MOLD-ON RUBBER

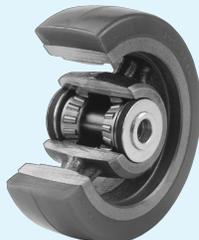
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CAST IRON HUB

MOLD-ON POLYURETHANE

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CAST IRON HUB

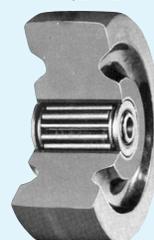
MOLD-ON SOFT POLY

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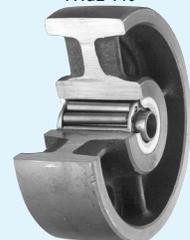
PHENOLIC

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CAST IRON

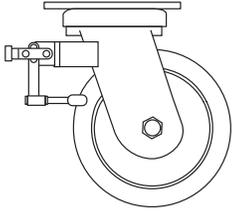
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All single wheel loads are based on 3 mph for less than 10 minutes continuous running.

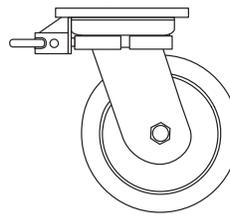
## BRAKES

### 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
7	3	15,000	CAST STEEL	TAPERED ROLLER	SC-120-7-CS†	RC-120-7-CS†	60	11-1/2	7
8	3	2500	PHENOLIC	TAPERED ROLLER	SC-120-8-PR	RC-120-8-PR	46	12	7-1/2
		6000	CAST IRON		SC-120-8-HDCI	RC-120-8-HDCI	66		
		10,000	DROP FORGED STEEL		SC-120-8-FS†	RC-120-8-FS†	66		
	4	4000	CAST IRON		SC-126-8-CI*	RC-126-8-CI*	64	13	
10	3	1000	MOLD-ON RUBBER	TAPERED ROLLER	SC-120-10-RS	RC-120-10-RS	65	13	8-1/2
		2400	SOFT POLY / CAST IRON HUB		SC-120-10-PS8	RC-120-10-PS8	65		
		2900	PHENOLIC		SC-120-10-PR	RC-120-10-PR	49		
		3000	POLYURETHANE / CAST IRON HUB		SC-120-10-PS	RC-120-10-PS	65		
		6000	CAST IRON		SC-120-10-HDCI	RC-120-10-HDCI	75		
	4	1400	MOLD-ON RUBBER		SC-126-10-RS	RC-126-10-RS	68	14	
		2600	CAST IRON		SC-130-10-RS	RC-130-10-RS	70	13	
		3120	SOFT POLY / CAST IRON HUB		SC-126-10-CI*	RC-126-10-CI*	74	14	
		4200	POLYURETHANE / CAST IRON HUB		SC-126-10-PS8	RC-126-10-PS8	68	13	
		5000	CAST IRON		SC-13-10-PS8	RC-13-10-PS8	70	14	
					SC-126-10-PS	RC-126-10-PS	68	13	
					SC-13-10-PS	RC-13-10-PS	70	14	
					SC-130-10-CI	RC-130-10-CI	76	14	
11	5	1800	MOLD-ON RUBBER	TAPERED ROLLER	N/A	RC-127-11-RS	-	13	-
		4080	SOFT POLY / CAST IRON HUB	N/A	RC-127-11-PS8				
		4500	POLYURETHANE / CAST IRON HUB	N/A	RC-127-11-PS				
12	3 1/2	4000	PHENOLIC	TAPERED ROLLER	SC-130-12-PR	RC-130-12-PR	56	15	9-1/2
	4	1600	MOLD-ON RUBBER		SC-130-12-RS	RC-130-12-RS	75		
		3600	SOFT POLY / CAST IRON HUB		SC-130-12-PS8	RC-130-12-PS8	74		
		4800	POLYURETHANE / CAST IRON HUB		SC-130-12-PS	RC-130-12-PS			
		8000	PHENOLIC		SC-130-12-PR	RC-130-12-PR			

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

## TOP PLATE

DUCTILE IRON

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