

# R100

# SERIES

Heavy Duty  
Forged Steel

Load Capacity: 540 lbs. - 3,500 lbs.

## Quality Features

### • INTEGRALLY FORGED KING PIN.

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 3/8" 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.

### • EMBOSSED AND WELDED FORK LEGS.

Extra-wide side forks are heavily embossed and continuously welded on for added strength.

### • LOCKED WHEEL AXLE.

Wheel axle is locked in position with indexing lance in side fork to prevent unwanted movement.

This workhorse of heavy-duty casters has what it takes to handle the toughest industrial jobs. 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:

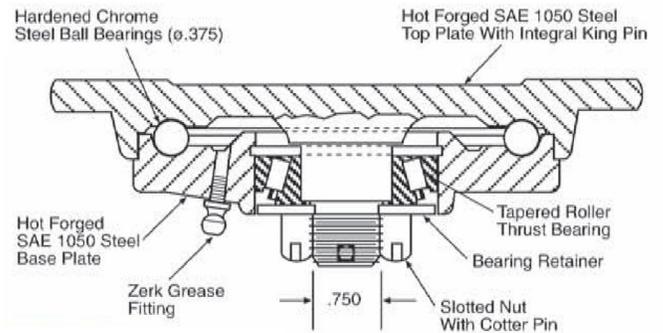
- Heavy Trash Gondolas
- Flat Bed Industrial Trucks
- Steel or Wood Transfer Trucks
- Factory Platform Trucks

Machined parts are turned with precision to exact specifications. Standard finish is Industrial Blue Enamel.

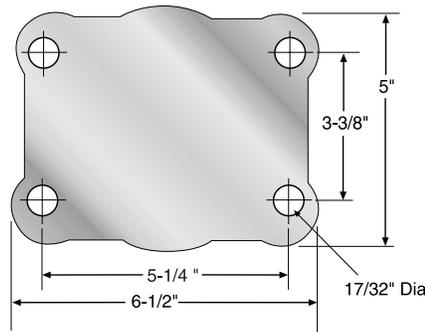


SWIVEL

### SWIVEL BEARING RACEWAY R100 SERIES



### TOP PLATE



RIGID



## Wheel Selection

CAST IRON HUB

CAST IRON HUB

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MOLD-ON RUBBER

MOLD-ON POLYURETHANE

MOLD-ON SOFT POLY

PHENOLIC

CAST IRON

ADVANCED ELASTOMER

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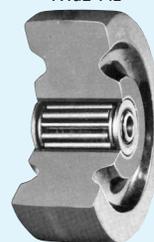
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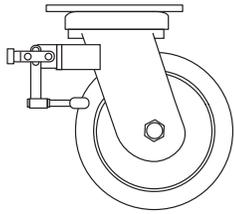
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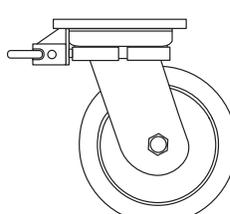
# BRAKES

## 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.

## Medium Duty Swivel Lock



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

Diameter	Tread Width	Load Capacity LBS	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx.	Overall Height	Swivel Radius	
							LBS			
5	2½	1800	CAST IRON	TAPERED ROLLER	SC-100-51-CI	RC-100-51-CI	18-7/10	7	5-1/8	
					SC-100-52-CI	RC-100-52-CI	19	7-1/2	4-7/16	
6	2½	540	MOLD-ON RUBBER	TAPERED ROLLER	SC-100-6-RS	RC-100-6-RS	17-2/5	7-1/2	5-5/8	
		960	SOFT POLY / CAST IRON HUB		SC-100-62-RS	RC-100-62-RS	17-3/5	8	4-7/16	
					SC-100-6-PS8	RC-100-6-PS8	19-1/2	7-1/2	5-5/8	
		1600	ADVANCED ELASTOMER		PRECISION BALL	SC-100-62-PS8	RC-100-62-PS8	19-7/10	8	4-7/16
				SC-100-6-PXAE		RC-100-6-PXAE	19-1/2	7-1/2	5-5/8	
				ROLLER	SC-100-62-PXAE	RC-100-62-PXAE	19-7/10	8	4-7/16	
					SC-100-6-TAE	RC-100-6-TAE	19-1/2	7-1/2	5-5/8	
			PHENOLIC	SC-100-62-TAE	RC-100-62-TAE	19-7/10	8	4-7/16		
	TAPERED ROLLER			SC-100-6-PR	RC-100-6-PR	13-9/10	7-1/2	5-5/8		
				SC-100-62-PR	RC-100-62-PR	14-1/5	8	4-7/16		
	POLYURETHANE / CAST IRON HUB			SC-100-6-PS	RC-100-6-PS	19-1/2	7-1/2	5-5/8		
	3000	CAST IRON	TAPERED ROLLER	SC-100-62-PS	RC-100-62-PS	19-7/10	8	4-7/16		
				SC-100-6-CI	RC-100-6-CI	21-1/5	7-1/2	5-5/8		
	3	3	680	MOLD-ON RUBBER	TAPERED ROLLER	SC-100-62-CI	RC-100-62-CI	21-1/2	8	4-7/16
			1080	SOFT POLY / CAST IRON HUB		SC-100-63-RS	RC-100-63-RS	21-3/5	9-1/2	5-1/2
			2000	PHENOLIC		SC-100-63-PS8	RC-100-63-PS8	23-7/10		
POLYURETHANE / CAST IRON HUB						SC-100-63-PR	RC-100-63-PR	15-3/5		
3100			CAST IRON	SC-100-63-PS		RC-100-63-PS	23-7/10			
SC-100-63-CI	RC-100-63-CI	25-2/5								
8	3	840	MOLD-ON RUBBER*	TAPERED ROLLER	SC-100-7-RS	RC-100-7-RS	29-1/10	10-1/2	6-1/2	
			MOLD-ON RUBBER		SC-100-73-RS	RC-100-73-RS	29-1/2	11-1/2		
		2050	SOFT POLY / CAST IRON HUB*		SC-100-8-RS	RC-100-8-RS	23-7/10	10-1/2		
			SOFT POLY / CAST IRON HUB		SC-100-83-RS	RC-100-83-RS	24-1/5	11-1/2		
		2500	PHENOLIC		SC-100-7-PS8	RC-100-7-PS8	31-1/10	10-1/2		
					SC-100-73-PS8	RC-100-73-PS8	30-2/5	11-1/2		
			POLYURETHANE / CAST IRON HUB*		SC-100-8-PS8	RC-100-8-PS8	25-2/5	10-1/2		
					SC-100-83-PS8	RC-100-83-PS8	25-4/5	11-1/2		
		3200	CAST IRON		SC-100-8-PR	RC-100-8-PR	17-1/2	10-1/2		
					SC-100-83-PR	RC-100-83-PR	18	11-1/2		
		SC-100-7-PS	RC-100-7-PS		31-1/10	10-1/2				
		SC-100-73-PS	RC-100-73-PS		30-2/5	11-1/2				
		SC-100-8-PS	RC-100-8-PS		25-2/5	10-1/2				
		SC-100-83-PS	RC-100-83-PS		25-4/5	11-1/2				
SC-100-8-CI	RC-100-8-CI	29-3/10	10-1/2							
SC-100-83-CI	RC-100-83-CI	29-4/5	11-1/2							
10	3	1000	MOLD-ON RUBBER	TAPERED ROLLER	SC-100-10-RS	RC-100-10-RS	34-7/10	12-1/2	7-1/2	
			MOLD-ON RUBBER*		SC-100-11-RS	RC-100-11-RS	35-1/5	13-1/2	8-1/2	
		2400	SOFT POLY / CAST IRON HUB		SC-100-9-RS	RC-100-9-RS	34-7/10	12-1/2	7-1/2	
					SC-100-93-RS	RC-100-93-RS	35-1/5	13-1/2	8-1/2	
		2600	SOFT POLY / CAST IRON HUB*		SC-100-10-PS8	RC-100-10-PS8	37-1/5	12-1/2	7-1/2	
					SC-100-11-PS8	RC-100-11-PS8	37-1/2	13-1/2	8-1/2	
			POLYURETHANE / CAST IRON HUB		SC-100-9-PS8	RC-100-9-PS8	36-2/5	12-1/2	7-1/2	
					SC-100-93-PS8	RC-100-93-PS8	36-1/2	13-1/2	8-1/2	
		2900	POLYURETHANE / CAST IRON HUB*		SC-100-10-PS	RC-100-10-PS	37-1/5	12-1/2	7-1/2	
					SC-100-11-PS	RC-100-11-PS	37-1/2	13-1/2	8-1/2	
			PHENOLIC		SC-100-9-PS	RC-100-9-PS	36-2/5	12-1/2	7-1/2	
					SC-100-93-PS	RC-100-93-PS	36-1/2	13-1/2	8-1/2	
		3400	CAST IRON		SC-100-10-PR	RC-100-10-PR	21-1/10	12-1/2	7-1/2	
					SC-100-11-PR	RC-100-11-PR	21-3/5	13-1/2	8-1/2	
SC-100-10-CI	RC-100-10-CI	34-3/5	12-1/2	7-1/2						
SC-100-11-CI	RC-100-11-CI	35-1/10	13-1/2	8-1/2						
12	3	1140	MOLD-ON RUBBER	TAPERED ROLLER	SC-100-12-RS	RC-100-12-RS	36-9/10	14-1/2	9-1/2	
		2760	SOFT POLY / CAST IRON HUB		SC-100-12-PS8	RC-100-12-PS8	39-7/10			
		3500	PHENOLIC		SC-100-12-PR	RC-100-12-PR	24-4/5			
			POLYURETHANE / CAST IRON HUB		SC-100-12-PS	RC-100-12-PS	39-7/10			

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