

RWM Caster's Economy 53 Series is an economical version of our 53 Series for heavy duty industrial caster applications such as conveyor and dragline operations.

## Features

**Swivel Section:** Cold formed top plate, yoke and button are all heat treated to prevent brinelling, improve swivel action and increase service life. Both load and thrust bearings are hardened and ground and raceway bearings rotate on hardened raceways. Top plate and legs are 1/4" steel. Legs are formed for increased strength and continuously welded to yoke. Yokes are notched standard. All swivel sections are equipped with a lubrication fitting for field maintenance. RWM lubricates all swivel sections prior to shipment.

**Capacity:** 1800 lbs.

**Kingpin:** 3/4" bolt and lock nut for increased swivel section strength

**Axle:** 3/4" diameter axle

**Finish:** Zinc plated to protect against corrosion

**Wheels:** Wheels are available with either 1" I.D. diameter straight roller bearings which rotate on a 1" O.D. hardened and ground spanner bushing, or 3/4" I.D. tapered bearing on a 3/4" axle. The tapered bearing configuration is highly recommended for high speed and side thrust applications.

**Mounting Plate Size:** 4 -1/2" x 6-1/2" x 1/4"

**Bolt Hole Spacing:** 2-7/16" x 4-15/16" slotted to 3-3/8" x 5 1/4"

**Mounting Bolt Diameter:** 1/2"



E53-DUR-0625-S-WB

## Options

**WB** Wheel Brake - Rigid Only

**DSL** Demountable Swivel Lock

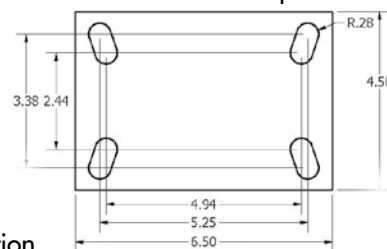
## Applications

The 53 Series is the perfect solution for:

- ◆ movable racks
- ◆ conveyor or dragline operations
- ◆ utility trucks
- ◆ corrugated box trucks
- ◆ maintenance carts



53 Series Standard Top Plate

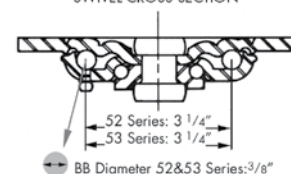


Rivet Cross Section



52 Series  
53 Series

SWIVEL CROSS SECTION



## SPECIFICATIONS

Wheel Diameter	Wheel Width	Wheel Type	lbs. Capacity	Overall Height	Swivel Caster Model Number			Swivel Lead	lbs. Approx Weight
					Straight Roller Bearing	Ball Bearing	Tapered Roller Bearing		
6"	2-1/2"	Cast Iron	1800	7-1/2"	E53-CIR-0625-S			1-7/8"	15.1
		Durastan	1600		E53-DUR-0625-S				10.8
		GT	1800			E53-GTB-0625-S			10.8
		Rubber on Iron	540		E53-RIR-0625-S				13.8
		Urethane on Iron	1620		E53-UIR-0625-S		E53-UIT-0625-S		17.0
8"	2-1/2"	Cast Iron	1800	10-1/8"	E53-CIR-0825-S			2-5/8"	19.7
		Durastan	1800		E53-DUR-0825-S				13.1
		GT	1800			E53-GTB-0825-S			13.1
		Rubber on Iron	670		E53-RIR-0825-S				17.8
		Urethane on Iron	1800		E53-UIR-0825-S		E53-UIT-0825-S		16.8

To order a rigid caster, change the "S" to "R" in the model number. For example : "E53-CIR-0825-R" To order a rig only, omit the blue letters. For example: "E53-0825-S" Dimensions shown are nominal. If precise dimensions are required, consult your RWM representative. For approximate weight of our rigid casters, deduct 1.8 pounds.

UP TO 1,800 POUND CAPACITY