



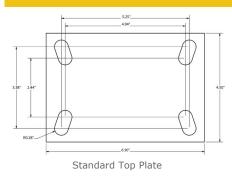


RWM Caster's Economy 53 Series is an economical version of our 53 Series for heavy duty industrial caster applications such as conveyor and dragline operations.



E53-DUR-0625-S-WB

**Top Plates** 



## **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.
Kingpin: 3/4" bolt and lock nut for increased swivel section strength Capacity: 1800 lbs.
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"

## Applications

The E53 Series is the perfect solution for:

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

## Options

WB: Wheel Brake **DSL:** Demountable Swivel Lock

## **Specifications**

₩heel Width	• Wheel Type	i Ibs. Capacity	Overall Height	Straight Roller Bearing	80 Ball Bearing	Tapered Roller Bearing	Swivel Lead	ြ Approx Weight
2-1/2"	Cast Iron	1800	7-1/2"	E53- <b>CIR</b> -0625-S			1-7/8"	15.1
2-1/2"	Durastan	1600	7-1/2"	E53- <b>DUR</b> -0625-S			1-7/8"	10.8
2-1/2"	GT	1800	7-1/2"		E53- <b>GTB</b> -0625-S		1-7/8"	10.8
2-1/2"	Rubber on Iron	540	7-1/2"	E53- <b>RIR</b> -0625-S			1-7/8"	13.8
2-1/2"	Urethane on Iron	1620	7-1/2"	E53- <b>UIR</b> -0625-S		E53- <b>UIT</b> -0625-S	1-7/8"	17
2-1/2"	Cast Iron	1800	10-1/8"	E53- <b>CIR</b> -0825-S			2-5/8"	19.7
2-1/2"	Durastan	1800	10-1/8"	E53- <b>DUR</b> -0825-S			2-5/8"	13.1
2-1/2"	GT	1800	10-1/8"		E53-GTB-0825-S		2-5/8"	13.1
2-1/2"	Rubber on Iron	670	10-1/8"	E53- <b>RIR</b> -0825-S			2-5/8"	17.8
2-1/2"	Urethane on Iron	1800	10-1/8"	E53- <b>UIR</b> -0825-S		E53-UIT-0825-S	2-5/8"	16.8
	Wheel Width 2-1/2" 2-1/2" 2-1/2" 2-1/2" 2-1/2" 2-1/2" 2-1/2" 2-1/2"	Wheel WidthWheel Type2-1/2"Cast Iron2-1/2"Durastan2-1/2"GT2-1/2"Rubber on Iron2-1/2"Urethane on Iron2-1/2"Cast Iron2-1/2"Durastan2-1/2"GT2-1/2"Rubber on Iron	Wheel Width         Wheel Type         Copacity           2-1/2"         Cast Iron         1800           2-1/2"         Durastan         1600           2-1/2"         GT         1800           2-1/2"         Rubber on Iron         540           2-1/2"         Urethane on Iron         1620           2-1/2"         Cast Iron         1800           2-1/2"         Cast Iron         1800           2-1/2"         GT         1800           2-1/2"         GT         1800           2-1/2"         GT         1800           2-1/2"         GT         670	Wheel Width         Wheel Type         Cape dis.         Overall Height           2-1/2"         Cast Iron         1800         7-1/2"           2-1/2"         Durastan         1600         7-1/2"           2-1/2"         GT         1800         7-1/2"           2-1/2"         GT         1800         7-1/2"           2-1/2"         Rubber on Iron         540         7-1/2"           2-1/2"         Urethane on Iron         1620         7-1/2"           2-1/2"         Cast Iron         1800         10-1/8"           2-1/2"         Durastan         1800         10-1/8"           2-1/2"         GT         1800         10-1/8"           2-1/2"         GT         1800         10-1/8"           2-1/2"         Rubber on Iron         670         10-1/8"	Wheel         Wheel         Type         Copacity Copacity         Overall Powerall Copacity         Straight Roller Bearing           2-1/2"         Cast Iron         1800         7-1/2"         E53-CIR-0625-S           2-1/2"         Durastan         1600         7-1/2"         E53-DUR-0625-S           2-1/2"         GT         1800         7-1/2"         E53-RIR-0625-S           2-1/2"         Rubber on Iron         540         7-1/2"         E53-UIR-0625-S           2-1/2"         Urethane on Iron         1620         7-1/2"         E53-UIR-0625-S           2-1/2"         Urethane on Iron         1620         7-1/2"         E53-UIR-0625-S           2-1/2"         Cast Iron         1800         10-1/8"         E53-CIR-0825-S           2-1/2"         Durastan         1800         10-1/8"         E53-DUR-0825-S           2-1/2"         GT         1800         10-1/8"         E53-RIR-0825-S           2-1/2"         GT         1800         10-1/8"         E53-RIR-0825-S	Wheel         Wheel Type         Capacity Capacity         Overall Hearing         Straight Bearing         Bearing           2-1/2"         Cast Iron         1800         7-1/2"         E53-CIR-0625-S           2-1/2"         Durastan         1600         7-1/2"         E53-DUR-0625-S           2-1/2"         GT         1800         7-1/2"         E53-DUR-0625-S           2-1/2"         GT         1800         7-1/2"         E53-RIR-0625-S           2-1/2"         Rubber on Iron         540         7-1/2"         E53-UIR-0625-S           2-1/2"         Rubber on Iron         1620         7-1/2"         E53-UIR-0625-S           2-1/2"         Urethane on Iron         1620         7-1/2"         E53-UIR-0625-S           2-1/2"         Cast Iron         1800         10-1/8"         E53-CIR-0825-S           2-1/2"         Durastan         1800         10-1/8"         E53-DUR-0825-S           2-1/2"         GT         1800         10-1/8"         E53-RIR-0825-S           2-1/2"         GT         1800         10-1/8"         E53-RIR-0825-S           2-1/2"         Rubber on Iron         670         10-1/8"         E53-RIR-0825-S	Wheel         Wheel         Type         Capacity         Overall Overall         Straight Roller Bearing         Ball Bearing         Ball Bearing         Tapered Roller Bearing           2-1/2"         Cast Iron         1800         7-1/2"         E53-CIR-0625-S         E53-GTB-0625-S         E53-GTB-0625-S           2-1/2"         GT         1800         7-1/2"         E53-BUR-0625-S         E53-GTB-0625-S           2-1/2"         GT         1800         7-1/2"         E53-UIR-0625-S         E53-UIT-0625-S           2-1/2"         Rubber on Iron         540         7-1/2"         E53-UIR-0625-S         E53-UIT-0625-S           2-1/2"         Virethane on Iron         1620         7-1/2"         E53-UIR-0625-S         E53-UIT-0625-S           2-1/2"         Cast Iron         1800         10-1/8"         E53-DUR-0825-S         E53-UIT-0625-S           2-1/2"         Durastan         1800         10-1/8"         E53-DUR-0825-S         E53-GTB-0825-S           2-1/2"         GT         1800         10-1/8"         E53-RIR-0825-S           2-1/2"         GT         1800         10-1/8"         E53-RIR-0825-S           2-1/2"         Rubber on Iron         670         10-1/8"         E53-RIR-0825-S	Wheel         Wheel Type         Capacity         Straight Roller Bearing         Bearing         Toppered Roller Bearing         Swivel Bearing           2-1/2"         Cast Iron         1800         7-1/2"         E53-CIR-0625-S         1-7/8"           2-1/2"         Durastan         1600         7-1/2"         E53-DUR-0625-S         1-7/8"           2-1/2"         GT         1800         7-1/2"         E53-DUR-0625-S         1-7/8"           2-1/2"         GT         1800         7-1/2"         E53-RIR-0625-S         1-7/8"           2-1/2"         Rubber on Iron         540         7-1/2"         E53-UIR-0625-S         1-7/8"           2-1/2"         Rubber on Iron         1620         7-1/2"         E53-UIR-0625-S         1-7/8"           2-1/2"         Virethane on Iron         1620         7-1/2"         E53-UIR-0625-S         1-7/8"           2-1/2"         Urethane on Iron         1620         7-1/2"         E53-UIR-0625-S         2-5/8"           2-1/2"         Cast Iron         1800         10-1/8"         E53-DUR-0825-S         2-5/8"           2-1/2"         GT         1800         10-1/8"         E53-RIR-0825-S         2-5/8"           2-1/2"         GT         1800 <t< td=""></t<>

10 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 precise dimensions are required, consult your RWM representative. For approximate weight of our rigid casters, deduct 1.8 pounds. S" Dimensions shown are nominal. If