

53 Series Casters

RAPIDSTOCK

RWM's 53 Series features thicker legs and a 3/4" diameter axle that improves on our very popular 52 series. This caster is designed to stand up to most heavy duty applications.



53-RIR-0625-S

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. 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

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"



Options

CWB Cam Wheel Brake

HT High Temperature Lubrication

LT Low Temperature Lubrication

SL Swivel Lock

SR Sealed Swivel Raceway

WS Wheel Seals

Applications

The 53 Series is the perfect solution for:

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

Economy 53 Series Casters

RAPIDSTOCK

The Economy 53 Series is an economy version of our 53 Series.

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

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

DSL Demountable Swivel Lock

UP TO 1,800 POUND CAPACITY

SPECIFICATIONS									
Wheel Diameter	Wheel Width	Wheel Type	lbs. Capacity	Overall Height	Swivel Caster Model Number			Swivel Lead	Approx Weight
					Straight Roller Bearing	Ball Bearing	Tapered Roller Bearing		
5"	2-1/2"	Cast Iron	1800	7-1/8"	53-CIR-0525-S		53-CIT-0525-S	1-55/64"	13.7
6"	2-1/2"	Cast Iron	1800	7-5/8"	53-CIR-0625-S		53-CIT-0625-S	1-7/8"	15.1
		Durastan	1600		53-DUR-0625-S				10.8
		Forged Steel	1800		53-FSR-0625-S		53-FST-0625-S		19.5
		GT	1800			53-GTB-0625-S			10.8
		Rubber on Iron	540		53-RIR-0625-S		53-RIT-0625-S		13.8
		Urethane on Iron	1620		53-UIR-0625-S		53-UIT-0625-S		17.0
		V-Groove Iron	1500		53-VIR-0625-S		53-VIT-0625-S		17.2
8"	2-1/2"	Cast Iron	1800	10-1/4"	53-CIR-0825-S		53-CIT-0825-S	2-5/8"	19.7
		Durastan	1800		53-DUR-0825-S				13.1
		Forged Steel	1800		53-FSR-0825-S		53-FST-0825-S		29.6
		GT	1800			53-GTB-0825-S			13.1
		Rubber on Iron	670		53-RIR-0825-S		53-RIT-0825-S		17.8
		Urethane on Iron	1800		53-UIR-0825-S		53-UIT-0825-S		16.8
		V-Groove Iron	1800		53-VIR-0825-S		53-VIT-0825-S		20.0
10"	2-1/2"	Cast Iron	1800	12-1/16"	53-CIR-1025-S		53-CIT-1025-S	3"	23.7
		Durastan	1800		53-DUR-1025-S				15.1
		Rubber on Iron	790		53-RIR-1025-S		53-RIT-1025-S		19.0
		Urethane on Iron	1800		53-UIR-1025-S		53-UIT-1025-S		24.2

To order a rigid caster, change the "S" to "R" in the model number. For example : "53-CIR-0825-R". To order a rig only, omit the blue letters. For example: "53-0825-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.

OPTIONAL MOUNTING PLATES			
Optional Top Plate Number	Mounting Plate	Bolt Hole Spacing	Bolt Size
43ST 43RT	5" x 5-1/2"	4-1/8" x 4-1/2"	3/8"

OPTIONAL OVERALL HEIGHTS	
Wheel Diameter	Overall Height
5"	6-1/2"
6"	7-1/2"
8"	10-1/8"
10"	11-1/2"

Economy 53 Series Casters

UP TO 1,800 POUND CAPACITY

SPECIFICATIONS									
Wheel Diameter	Wheel Width	Wheel Type	lbs. Capacity	Overall Height	Swivel Caster Model Number			Swivel Lead	Approx Weight
					Straight Roller Bearing	Ball Bearing	Tapered Roller Bearing		
6"	2-1/2"	Cast Iron	1800	7-1/2"	E53-CIR-0625-S		E53-CIT-0625-S	1-7/8"	15.1
		Durastan	1600		E53-DUR-0625-S				10.8
		Forged Steel	1800		E53-FSR-0625-S		E53-FST-0625-S		19.5
		GT	1800			E53-GTB-0625-S			10.8
		Rubber on Iron	540		E53-RIR-0625-S		E53-RIT-0625-S		13.8
		Urethane on Iron	1620		E53-UIR-0625-S		E53-UIT-0625-S		17.0
		V-Groove Iron	1500		E53-VIR-0625-S		E53-VIT-0625-S		17.2
8"	2-1/2"	Cast Iron	1800	10-1/8"	E53-CIR-0825-S		E53-CIT-0825-S	2-5/8"	19.7
		Durastan	1800		E53-DUR-0825-S				13.1
		Forged Steel	1800		E53-FSR-0825-S		E53-FST-0825-S		29.6
		GT	1800			E53-GTB-0825-S			13.1
		Rubber on Iron	670		E53-RIR-0825-S		E53-RIT-0825-S		17.8
		Urethane on Iron	1800		E53-UIR-0825-S		E53-UIT-0825-S		16.8
		V-Groove Iron	1800		E53-VIR-0825-S		E53-VIT-0825-S		20.0

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.