

53 SERIES CASTERS

CASTERS

KINGPIN

ENGINEERED TO OUTPERFORM

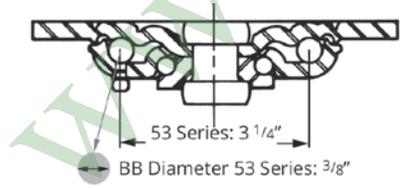
UP TO 1,800 LBS CAPACITY

RWM Caster'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 industrial caster applications and is proudly Made in the U.S.A. If you don't see what you want, let our engineering team custom design a caster for your individual application.

FEATURES

Swivel Section	Cold formed top plate, yoke and button are all <u>heat treated</u> to prevent brinelling, improve swivel action and increase service life. Both load and thrust bearings are hardened and ground and raceway bearings rotate on <u>hardened raceways</u> . 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
Capacity	Up to 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"
Mounting Bolt Diameter	1/2"

RACEWAY



CROSS-SECTION KINGPIN DIAMETERS

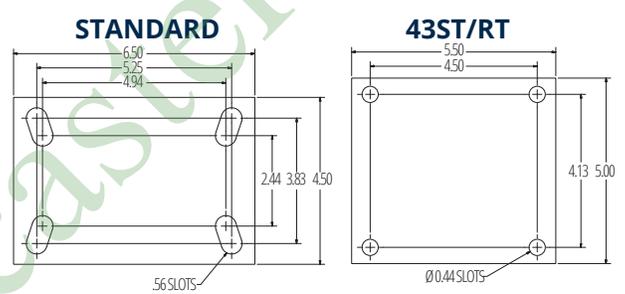


APPLICATIONS

Movable racks	Corrugated box trucks
Conveyor and drag line applications	Caster mounted production jigs and fixtures
Utility trucks	Maintenance carts



53-UIR-0625-S-YY



OPTIONS

BRAKES	
CWB	Cam Wheel Brake
SWIVEL LOCKS	
SL	Swivel Lock
LUBRICATIONS	
HT	High Temperature Lubrication
LT	Low Temperature Lubrication
RACEWAYS	
SR	Sealed Swivel Raceway
SEALS	
WS	Wheel Seals

OPTIONS

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

Wheel Diameter	Wheel Width	Capacity lbs.	Wheel Type	Overall Height	Swivel Caster Model Numbers			Swivel Lead	Approx Weight lbs.
					Straight Roller Bearing	Ball Bearing	Tapered Roller Bearing		
5"	2- 1/2"	1800	Cast Iron	7-1/8"	53-CIR-0525-S		53-CIT-0525-S	1-55/64"	13.7
		540	Rubber on Iron	7-5/8"	53-RIR-0625-S			1-7/8"	13.8
		1500	V-Groove Iron	7-5/8"	53-VIR-0625-S		53-VIT-0625-S	1-7/8"	17.2
		1600	Durastan	7-5/8"	53-DUR-0625-S			1-7/8"	10.8
		1620	Urethane on Iron	7-5/8"	53-UIR-0625-S		53-UIT-0625-S	1-7/8"	17
6"	2-1/2"	1800	Cast Iron	7-5/8"	53-CIR-0625-S			1-7/8"	15.1
		1800	Forged Steel	7-5/8"	53-FSR-0625-S		53-FST-0625-S	1-7/8"	19.5
		1800	GT	7-5/8"		53-GTB-0625-S		1-7/8"	10.8
		670	Rubber on Iron	10-1/4"	53-RIR-0825-S			2-5/8"	17.8
		1800	Cast Iron	10-1/4"	53-CIR-0825-S		53-CIT-0825-S	2-5/8"	19.7
8"	2-1/2"	1800	Durastan	10-1/4"	53-DUR-0825-S			2-5/8"	13.1
		1800	Forged Steel	10-1/4"	53-FSR-0825-S		53-FST-0825-S	2-5/8"	29.6
		1800	GT	10-1/4"		53-GTB-0825-S		2-5/8"	13.1
		1800	Urethane on Iron	10-1/4"	53-UIR-0825-S		53-UIT-0825-S	2-5/8"	16.8
		1800	V-Groove Iron	10-1/4"	53-VIR-0825-S		53-VIT-0825-S	2-5/8"	20
10"	2-1/2"	790	Rubber on Iron	12-1/16"	53-RIR-1025-S		53-RIT-1025-S	3"	19
		1800	Cast Iron	12-1/16"	53-CIR-1025-S		53-CIT-1025-S	3"	23.7
		1800	Durastan	12-1/16"	53-DUR-1025-S			3"	15.1
		1800	Urethane on Iron	12-1/16"	53-UIR-1025-S		53-UIT-1025-S	3"	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.

ECONOMY 53 SERIES CASTERS

The E53 is a lower cost imported version of our U.S. made 53 series. The Economy 53 offers similar capacities and performance attributes but without the additional options available on the U.S. version. The E53 is available with the standard 4-1/2" by 6-1/2" mounting plate only.

OPTIONS

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



E53-DUR-0625-S-WB

Wheel Diameter	Wheel Width	Capacity lbs.	Wheel Type	Overall Height	Swivel Caster Model Numbers			Swivel Lead	Approx Weight lbs.
					Straight Roller Bearing	Ball Bearing	Tapered Roller Bearing		
6"	2-1/2"	1800	Cast Iron	7-1/2"	53-CIR-0625-S			1-7/8"	15.1
		1600	Durastan	7-1/2"	53-DUR-0625-S			1-7/8"	10.8
		1800	GT	7-1/2"		53-GTB-0625-S		1-7/8"	10.8
		540	Rubber on Iron	7-1/2"	53-RIR-0625-S			1-7/8"	13.8
		1620	Urethane on Iron	7-1/2"	53-UIR-0625-S		53-UIT-0625-S	1-7/8"	17
8"	2-1/2"	1800	Cast Iron	10-1/8"	53-CIR-0825-S			2-5/8"	19.7
		1800	Durastan	10-1/8"	53-DUR-0825-S			2-5/8"	13.1
		1800	GT	10-1/8"		53-GTB-0825-S		2-5/8"	13.1
		670	Rubber on Iron	10-1/8"	53-RIR-0825-S			2-5/8"	17.8
		1800	Urethane on Iron	10-1/8"	53-UIR-0825-S		53-UIT-0825-S	2-5/8"	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.