

# 2-95 Series Casters

RWM's 2-95 Series Kingpinless™ Dual Wheel Casters feature all of the benefits of our patented Kingpinless™ raceway and twice the capacity load.



## Features

**Raceway Design:** 4-1/2" diameter with 3/4" diameter carbon steel balls. Precision machined and hardened to 53 Rockwell C minimum. Load and thrust are accommodated by our patented design. Sealed raceway is standard.

**Axle:** 3/4" bolt and nut for 3" wide, 1" or 1-1/4" bolt and nut for 4" wide, 1-1/4" bolt and nut for 5" wide.

**Finish:** Laguna Blue paint

**Wheels:** 3" wide wheels are available with either a 1" roller bearing that rotates on 3/4" x 1" x 3-9/16" hardened and ground spanner bushings or 3/4" tapered bearings that rotate on a 3/4" axle. 4" and 5" wheels are available with either a 1-1/4" I.D. roller bearings which rotate on a hardened and ground spanner bushing or 1-1/4" tapered bearings which rotate on the axle. All wheels are equipped with lubrication fitting.

**Mounting Plate Size:** 6-1/4" x 7-1/2" x 1/2" swivel top plate, 6" x 7-1/2" x 1/2" rigid top plate

**Bolt Hole Spacing:** 4-1/2" x 6", slotted to 4-1/8" x 6-1/8"

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

**Leg Thickness:** 3/8" thick

**Mounting Plate Thickness:** 1/2"

## Applications

Dual wheel casters offer high weight capacities with minimal overall heights, better load distribution, floor protection and mobility than single wheel casters. This is a result of spreading the weight over a wider floor area while offering wheel differential action, resulting in less friction between the wheels and the floor, requiring less effort for the caster to swivel. Dual wheel casters are ideal for tow lines, shock load applications and abusive conditions, production line dollies & trucks used in various industries including but not limited to boat & ship molding and building, automotive, aerospace, metal fabricating, metal forging, heavy machinery & equipment, military equipment, mobile homes, etc. tractor pulled trailers, extreme duty platform trucks & material handling carts, air cargo & ground support equipment, storage tanks, gantries & heavy duty processing equipment, coliseum & gymnasium equipment, shipping / receiving carts, warehousing & freight terminal dollies and carts, and other extra heavy duty applications.

## CUSTOM FABRICATION

If you don't find the right caster for your application, let our engineering team create one for you.

We custom design caster, wheel and non-powered material handling solutions to meet your individual needs.



2-95-UIR-0830-S

## Options

- CWB** Cam Wheel Brake
- DSL** Demountable Swivel Lock\*
- HDSL** Heavy Duty Demountable Swivel Lock
- HT** High Temperature Lubrication
- LT** Low Temperature Lubrication
- PCWB** Poly Cam Wheel Brake
- NY** Notched Yoke Base
- SL** Swivel Lock
- WS** Wheel Seals (Contact RWM)
- ZP** Zinc Plated

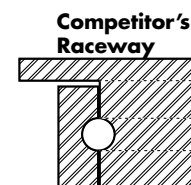
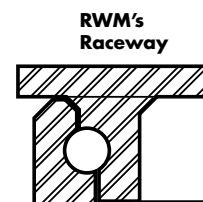
\*When ordering the Demountable Swivel Lock (DSL), you must also order the Notched Yoke (NY).

## RWM's Patented Offset Raceway - Why It's a Superior Design

Our patented offset precision-machined raceway exerts radial force evenly where there is full contact between the ball bearing and the raceway. RWM's unique design adds more mass at key points. This, plus more thorough heat treatment, provides additional strength and combats brinelling into the core material.

The result:

- ◆ No direct "hammering" forces on the intersections of the raceways
- ◆ Vastly reduced raceway wear
- ◆ Elimination of the "pull apart" forces of stress in the swivel section
- ◆ Smoother swiveling action
- ◆ High maneuverability
- ◆ Longer service life
- ◆ Less maintenance
- ◆ Extra impact resistance
- ◆ High radial force absorption



UP TO 20,000 POUND CAPACITY

## 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"	3"	Cast Iron	6000	8-3/4"	2-95-CIR-0630-S		2-95-CIT-0630-S	1-9/16"	39
		Durastan	4000		2-95-DUR-0630-S				24
		Forged Steel	14300		2-95-FSR-0630-S		2-95-FST-0630-S		55
		Solid Urethane	4000		2-95-MUR-0630-S	2-95-MUB-0630-S			24
		Urethane on Iron	4000		2-95-UIR-0630-S		2-95-UIT-0630-S		33
8"	3"	Cast Iron	6000	10-3/4"	2-95-CIR-0830-S		2-95-CIT-0830-S	2-1/16"	49
		Durastan	5000		2-95-DUR-0830-S				28
		Forged Steel	11000		2-95-FSR-0830-S		2-95-FST-0830-S		56
		Nylatron HD	18000			2-95-NYB-0630-S			29
		Omega	3200		2-95-UOR-0830-S		2-95-UOT-0830-S		52
		Rubber on Iron-EHT	3360		2-95-RIR-0830-S-EHT		2-95-RIT-0830-S-EHT		50
		Solid Urethane	5000		2-95-MUR-0830-S	2-95-MUB-0830-S			28
		Urethane on Iron	5000		2-95-UIR-0830-S		2-95-UIT-0830-S		52
		Rubber on Iron	1680		2-95-RIR-0830-S		2-95-RIT-0830-S		50
8"	4"	Cast Iron	8000	10-3/4"	2-95-CIR-0840-S		2-95-CIT-0840-S	2-1/16"	68
		Forged Steel	20000		2-95-FSR-0840-S		2-95-FST-0840-S		88
		Urethane on Iron	7000		2-95-UIR-0840-S		2-95-UIT-0840-S		64
10"	3"	Cast Iron	8000	12-3/4"	2-95-CIR-1030-S		2-95-CIT-1030-S	2-9/16"	74
		Durastan	5800		2-95-DUR-1030-S				31
		Forged Steel	12000		2-95-FSR-1030-S		2-95-FST-1030-S		76
		GT	6800			2-95-GTB-1030-S			45
		Nylatron HD	20000			2-95-NYB-1030-S			46
		Omega	4000		2-95-UOR-1030-S		2-95-UOT-1030-S		61
		Rubber on Aluminum-EHT	4000			2-95-RAB-1030-S-EHT	2-95-RAT-1030-S-EHT		61
		Rubber on Iron-EHT	4000		2-95-RIR-1030-S-EHT		2-95-RIT-1030-S-EHT		54
		Solid Urethane	6000		2-95-MUR-1030-S	2-95-MUB-1030-S			31
		Ultra Thick Urethane	6800		2-95-UTR-1030-S		2-95-UTT-1030-S		64
		Urethane on Iron	6000		2-95-UIR-1030-S		2-95-UIT-1030-S		61
Rubber on Iron	2000	2-95-RIR-1030-S		2-95-RIT-1030-S	54				
10"	4"	Cast Iron	10000	12-3/4"	2-95-CIR-1040-S		2-95-CIT-1040-S	2-9/16"	116
		Forged Steel	10000		2-95-FSR-1040-S				110
		Forged Steel	20000				2-95-FST-1040-S		110
		Rubber on Iron	3420		2-95-RIR-1040-S		2-95-RIT-1040-S		72
		Ultra Thick Urethane	9000		2-95-UTR-1040-S		2-95-UTT-1040-S		76
		Urethane on Iron	8400		2-95-UIR-1040-S		2-95-UIT-1040-S		76
12"	3"	Cast Iron	10000	15-1/2"	2-95-CIR-1230-S		2-95-CIT-1230-S	3-7/16"	83
		Durastan	7000		2-95-DUR-1230-S				34
		Rubber on Aluminum-EHT	4560			2-95-RAB-1230-S-EHT	2-95-RAT-1230-S-EHT		88
		Rubber on Iron-EHT	4560		2-95-RIR-1230-S-EHT		2-95-RIT-1230-S-EHT		83
		Ultra Thick Urethane	8200		2-95-UTR-1230-S		2-95-UTT-1230-S		101
		Urethane on Iron	6800		2-95-UIR-1230-S		2-95-UIT-1230-S		88
		Rubber on Iron	2280		2-95-RIR-1230-S		2-95-RIT-1230-S		83
12"	4"	Ultra Thick Urethane	10600	15-1/2"	2-95-UTR-1240-S		2-95-UTT-1240-S	3-7/16"	106
		Urethane on Iron	9600		2-95-UIR-1240-S		2-95-UIT-1240-S		96
12"	5"	Ultra Thick Urethane	13000	15-1/2"	2-95-UTR-1250-S		2-95-UTT-1250-S	3-7/16"	155
		Urethane on Iron	12000		2-95-UIR-1250-S		2-95-UIT-1250-S		155
12"	6"	Urethane on Iron	15000	15-1/2"	2-95-UIR-1260-S		2-95-UIT-1260-S	3-7/16"	180
14"	3"	Ultra Thick Urethane	9600	18"	2-95-UTR-1430-S		2-95-UTT-1430-S	3-7/8"	126
	4"	Ultra Thick Urethane	12400	18"	2-95-UTR-1440-S		2-95-UTT-1440-S	3-7/8"	156
	5"	Ultra Thick Urethane	15200	18"	2-95-UTR-1450-S		2-95-UTT-1450-S	3-7/8"	170
14"	6"	Urethane on Iron	18000	18"	2-95-UIR-1460-S		2-95-UIT-1460-S	3-7/8"	178
16"	3"	Durastan	8000	19"	2-95-DUR-1630-S			4-1/8"	89
		Ultra Thick Urethane	10800		2-95-UTR-1630-S		2-95-UTT-1630-S		94
		Urethane on Iron	9200		2-95-UIR-1630-S		2-95-UIT-1630-S		115
16"	4"	Ultra Thick Urethane	14200	19"	2-95-UTR-1640-S		2-95-UTT-1640-S	4-1/8"	165
		Urethane on Iron	12000		2-95-UIR-1640-S		2-95-UIT-1640-S		165
16"	5"	Ultra Thick Urethane	17600	19"	2-95-UTR-1650-S		2-95-UTT-1650-S	4-1/8"	205
		Urethane on Iron	16800		2-95-UIR-1650-S		2-95-UIT-1650-S		185

UP TO 20,000 POUND CAPACITY

To order a rigid caster, change the "S" to "R" in the model number. For example: "2-95-DUR-0830-R". To order rig only, omit the blue letters. For example: "2-95-0830-S". Dimensions shown are nominal. If precise dimensions are required, consult your RWM representative. For approximate weight of our rigid casters, deduct 5.4 pounds per item.