

# 2-125 Series Casters

RWM's 2-125 Series Kingpinless™ Dual Wheel Casters feature all of the benefits of our patented Kingpinless™ raceway and twice the capacity load.

## Features

**Raceway Design:** Patented Kingpinless™ single ball bearing precision machined raceway hardened to 53 Rockwell C. minimum. 7" diameter raceway with 3/4" diameter ball bearings.

**Axle:** 1-1/4" bolt with rotation prevent lug on leg and slotted nut adjustment

**Finish:** Laguna Blue paint

**Wheels:** Wheels are either 4", 5" or 6" wide depending upon diameter and wheel type. Roller bearing wheels are equipped with a bearing which rotates on hardened and ground spanners. Tapered bearing wheels have a 1-1/4" I.D. tapered bearing which rotate directly on a 1-1/4" axle. All wheels have lubrication fittings.

**Mounting Plate Size:** 8-1/2" x 8-1/2" x 1/2"

**Bolt Hole Spacing:** 7" x 7"

**Mounting Bolt Diameter:** 5/8"

**Leg Thickness:** 1/2" thick including the center leg



2-125-CIT-1260-S

## Options

- DSL** Demountable Swivel Lock\*
- HDSL** Heavy-Duty Threaded Swivel Lock
- HT** High Temperature Lubrication
- LT** Low Temperature Lubrication
- NY** Notched Yoke Base
- PCWB** Poly Cam Wheel Brake
- SL** Swivel Lock
- SR** Sealed Swivel Raceway
- WS** Wheel Seals
- ZP** Zinc Plated

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

## Applications

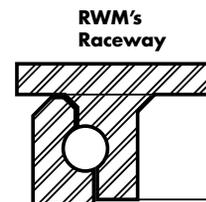
Dual wheel casters offer high weight capacities with minimal overall heights, better load distribution, floor protection and mobility than single wheel casters. This is a result of spreading the weight over a wider floor area while offering wheel differential action, resulting in less friction between 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.

## 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



### OPTIONAL MOUNTING PLATES

Optional Top Plate Number	Mounting Plate	Bolt Hole Spacing	Bolt Size
LLST LLRT	8-1/2" X 11"	7" x 9-3/4"	5/8"

Contact factory for specialty top plates or applications. ◆ High radial force absorption

UP TO 40,000 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	Tapered Roller Bearing		
8"	4"	Cast Iron	8000	11-1/2"	2-125-CIR-0840-S	2-125-CIT-0840-S	2-1/8"	70.0
		Forged Steel	20000		2-125-FSR-0840-S			86.0
		Forged Steel	40000			2-125-FST-0840-S		86.0
		Urethane on Iron	7000		2-125-UIR-0840-S	2-125-UIT-0840-S		62.0
10"	4"	Cast Iron	10000	13-1/2"	2-125-CIR-1040-S	2-125-CIT-1040-S	2-1/2"	90.0
		Forged Steel	20000		2-125-FSR-1040-S			100.0
		Forged Steel	40000			2-125-FST-1040-S		100.0
		Ultra Thick Urethane	9000		2-125-UTR-1040-S	2-125-UTT-1040-S		95.0
		Urethane on Iron	8400		2-125-UIR-1040-S	2-125-UIT-1040-S		75.0
10"	5"	Cast Iron	12000	13-1/2"	2-125-CIR-1050-S	2-125-CIT-1050-S	2-1/2"	95.0
		Urethane on Iron	10000		2-125-UIR-1050-S	2-125-UIT-1050-S		115.0
12"	4"	Ultra Thick Urethane	10600	15-1/2"	2-125-UTR-1240-S	2-125-UTT-1240-S	2-7/8"	90.0
		Urethane on Iron	9600		2-125-UIR-1240-S	2-125-UIT-1240-S		78.0
12"	5"	Ultra Thick Urethane	13000	15-1/2"	2-125-UTR-1250-S	2-125-UTT-1250-S	2-7/8"	100.0
		Urethane on Iron	12000		2-125-UIR-1250-S	2-125-UIT-1250-S		90.0
12"	6"	Cast Iron	20000	15-1/2"	2-125-CIR-1260-S	2-125-CIT-1260-S	2-7/8"	130.0
		Urethane on Iron	15000		2-125-UIR-1260-S	2-125-UIT-1260-S		95.0
14"	4"	Ultra Thick Urethane	12400	18-1/2"	2-125-UTR-1440-S	2-125-UTT-1440-S	3-3/8"	120.0
14"	5"	Ultra Thick Urethane	15200	18-1/2"	2-125-UTR-1450-S	2-125-UTT-1450-S	3-3/8"	150.0
14"	6"	Urethane on Iron	18000	18-1/2"	2-125-UIR-1460-S	2-125-UIT-1460-S	3-3/8"	170.0
16"	4"	Ultra Thick Urethane	14200	19-1/2"	2-125-UTR-1640-S	2-125-UTT-1640-S	3-9/16"	130.0
		Urethane on Iron	12000		2-125-UIR-1640-S	2-125-UIT-1640-S		130.0
16"	5"	Ultra Thick Urethane	17600	19-1/2"	2-125-UTR-1650-S	2-125-UTT-1650-S	3-9/16"	210.0
		Urethane on Iron	16800		2-125-UIR-1650-S	2-125-UIT-1650-S		200.0
18"	5"	Urethane on Iron	17200	22"	2-125-UIR-1850-S	2-125-UIT-1850-S	4-3/8"	270.0
20"	5"	Urethane on Iron	18000	23-1/2"	2-125-UIR-2050-S	2-125-UIT-2050-S	4-5/16"	280.0

To order a rigid caster, change the "S" to "R" in the model number. For example: "2-125-CIR-0840-R". To order rig only, omit the blue letters. For example: "2-125-0840-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.

UP TO 40,000 POUND CAPACITY