

70 Series Casters

RWM's 70 Series features extra heavy duty construction. This caster is one of our earliest success stories and is proven to still outperform kingpin design casters in demanding applications.

Features

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

Leg Thickness: 1/4" formed steel

Axle: 1/2" bolt and nut. Lubrication - Zerk fitting in axle on 2" wide wheels, 3/4" axle on 2-1/2" and 3" wide wheels

Finish: Laguna Blue paint

Wheels: 2" wide wheels are equipped with either 3/4" roller bearing which rotates on a 3/4" hardened and ground spanner, annular bearing, or a delrin/plain wheel bearing. 2-1/2" and 3" wide wheels are equipped with either a 1" I.D. straight roller bearing which rotates on a spanner bushing, 3/4" I.D. tapered bearings that rotate on the axle, or precision ball bearings.

Mounting Plate Size: 4-1/2" x 6-1/2" x 5/16"

Bolt Hole Spacing: 2-7/16" x 4-15/16", slotted to 3-3/8" x 5-1/4"

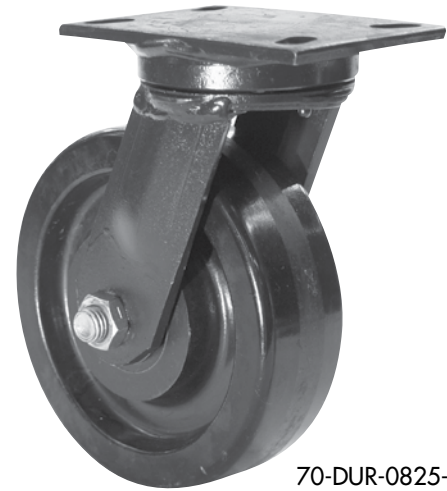
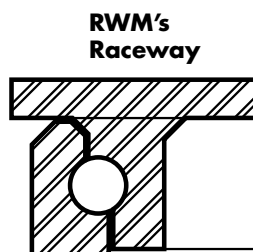
Mounting Bolt Diameter: 1/2"

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



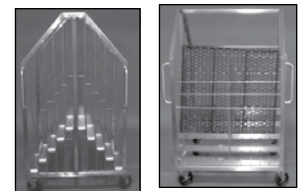
Options

- CWB** Cam Wheel Brake (2" & 2-1/2" wide)
- HT** High Temperature Lubrication
- LT** Low Temperature Lubrication
- NY** Notched Yoke Base
- SL** Swivel Lock
- SR** Sealed Swivel Raceway
- TG** Thread Guards (2" wide only)
- WB** Side Wheel Brake - (roller bearing only, 2" wide)
- ZP** Zinc Plated

Applications

The 70 Series is is the perfect solution for:

- ◆ tire manufacturing
- ◆ fixture carts
- ◆ trash gondolas
- ◆ drywall dollies
- ◆ autoclave dollies



To order a rigid caster, change the "S" to "R" in the model number. For example: "70-CIR-0420-R". To order a rig only, omit the blue letters. For example: "70-0420-S". Dimensions shown are nominal. If precise dimensions are required, consult your RWM representative. For approximate weight of our rigid casters, deduct 3.9 pounds.

UP TO 6,000 POUND CAPACITY

Wheel Diameter	Wheel Width	Wheel Type	lbs. Capacity	Overall Height	Swivel Caster Model Number				Swivel Lead	Approx Weight
					Caged, Straight Roller Bearing	Flanged, Sealed Precision, 1 pc. Ball Bearing	Plain, Oilite, Celcon Bearing	Tapered Roller Bearing		
4"	1-1/2"	Forged Steel	1400	5-5/8"	70-FSR-0415-S		70-FSC-0415-S		1-3/16"	10.0
		Cast Iron	800		70-CIR-0420-S	70-CIB-0420-S	70-CIC-0420-S			10.0
	Durastan	800	70-DUR-0420-S		70-DUB-0420-S	70-DUC-0420-S		8.0		
	GT	1050			70-GTB-0420-S			8.0		
	High Temp. Nylon	800	70-HNR-0420-S					8.0		
	Nylatron HD	1400			70-NYB-0420-S			8.5		
	Performance TPR	350	70-RPR-0420-S		70-RPB-0420-S	70-RPC-0420-S		8.3		
	Polyolefin	500	70-POR-0420-S		70-POB-0420-S	70-POC-0420-S		8.0		
	Rubber on Aluminum-EHT	525			70-RAB-0420-S-EHT			7.8		
	Rubber on Iron	350	70-RIR-0420-S			70-RIC-0420-S		8.0		
	Solid Urethane	700			70-MUB-0420-S			5.5		
	Urethane on Aluminum	700	70-UAR-0420-S			70-UAC-0420-S		7.5		
	Urethane on Iron	700	70-UIR-0420-S			70-UIC-0420-S		8.0		
	Urethane Polypropylene	600	70-UPR-0420-S		70-UPB-0420-S	70-UPC-0420-S		8.3		
	V-Groove Iron	800	70-VIR-0420-S			70-VIC-0420-S		10.0		
	Signature	400			70-SWB-0420-S	70-SWC-0420-S		5.5		
	Pinnacle	800	70-PNR-0420-S		70-PNB-0420-S	70-PNC-0420-S		5.2		
5"	2"	Cast Iron	1000	6-1/2"	70-CIR-0520-S	70-CIB-0520-S	70-CIC-0520-S		1-1/2"	12.0
		Durastan	1000		70-DUR-0520-S	70-DUB-0520-S	70-DUC-0520-S			9.0
		Forged Steel	1500		70-FSR-0520-S		70-FSC-0520-S			12.0
		GT	1200			70-GTB-0520-S				9.0
		High Temp. Nylon	1000		70-HNR-0520-S					9.0
		Nylatron HD	1600			70-NYB-0520-S				9.5
		Performance TPR	375		70-RPR-0520-S	70-RPB-0520-S	70-RPC-0520-S			8.3
		Polyolefin	650		70-POR-0520-S	70-POB-0520-S	70-POC-0520-S			9.0
		Rubber on Aluminum-EHT	600			70-RAB-0520-S-EHT				8.9
		Rubber on Iron	400		70-RIR-0520-S		70-RIC-0520-S			9.0
		Solid Urethane	1000			70-MUB-0520-S				5.7
		Urethane on Aluminum	1050		70-UAR-0520-S		70-UAC-0520-S			8.5
		Urethane on Iron	1050		70-UIR-0520-S		70-UIC-0520-S			9.0
		Urethane Polypropylene	750		70-UPR-0520-S	70-UPB-0520-S	70-UPC-0520-S			8.3
		V-Groove Iron	800		70-VIR-0520-S		70-VIC-0520-S			12.0
		Signature	500		70-SWR-0520-S	70-SWB-0520-S	70-SWC-0520-S			5.7
		Pinnacle	1000		70-PNR-0520-S	70-PNB-0520-S	70-PNC-0520-S			5.6
6"	2"	Cast Iron	1200	7-1/2"	70-CIR-0620-S	70-CIB-0620-S	70-CIC-0620-S		1-3/8"	13.0
		Durastan	1200		70-DUR-0620-S	70-DUB-0620-S	70-DUC-0620-S			10.0
		Forged Steel	1800		70-FSR-0620-S		70-FSC-0620-S			13.0
		GT	1500			70-GTB-0620-S				10.0
		High Temp. Nylon	1200		70-HNR-0620-S					10.0
		Nylatron HD	2200			70-NYB-0620-S				11.0
		Omega	1000		70-UOR-0620-S	70-UOB-0620-S				12.0
		Performance TPR	525		70-RPR-0620-S	70-RPB-0620-S	70-RPC-0620-S			8.7
		Polyolefin	700		70-POR-0620-S	70-POB-0620-S	70-POC-0620-S			10.0
		Rubber on Aluminum-EHT	615			70-RAB-0620-S-EHT				9.8
		Rubber on Iron	410		70-RIR-0620-S		70-RIC-0620-S			10.0
		Solid Urethane	1200			70-MUB-0620-S				6.4
		Urethane on Aluminum	1230		70-UAR-0620-S		70-UAC-0620-S			11.0
		Urethane on Iron	1230		70-UIR-0620-S		70-UIC-0620-S			12.0
		Urethane Polypropylene	900		70-UPR-0620-S	70-UPB-0620-S	70-UPC-0620-S			8.7
		V-Groove Iron	1000		70-VIR-0620-S		70-VIC-0620-S			13.0
		Signature	600		70-SWR-0620-S	70-SWB-0620-S	70-SWC-0620-S			6.4
Pinnacle	1200	70-PNR-0620-S	70-PNB-0620-S	70-PNC-0620-S		6.2				
Torus	1200		70-UAB-0621-S			6.1				
6"	2-1/2"	Cast Iron	1800	7-1/2"	70-CIR-0625-S			70-CIT-0625-S	1-3/8"	18.0
		Durastan	1600		70-DUR-0625-S					11.0
		Forged Steel	4000		70-FSR-0625-S			70-FST-0625-S		18.0
		GT	2300			70-GTB-0625-S				11.0
		Rubber on Iron	540		70-RIR-0625-S					16.0
		Urethane on Iron	1620		70-UIR-0625-S			70-UIT-0625-S		16.0
		V-Groove Iron	2500		70-VIR-0625-S			70-VIT-0625-S		18.0
8"	2"	Cast Iron	1400	10-1/8"	70-CIR-0820-S	70-CIB-0820-S	70-CIC-0820-S		2-1/16"	16.0
		Durastan	1400		70-DUR-0820-S	70-DUB-0820-S	70-DUC-0820-S			11.0
		GT	1800			70-GTB-0820-S				11.5
		Nylatron HD	3000			70-NYB-0820-S				12.5
		Omega	1200		70-UOR-0820-S	70-UOB-0820-S				13.0
		Performance TPR	600		70-RPR-0820-S	70-RPB-0820-S	70-RPC-0820-S			9.1
		Polyolefin	800		70-POR-0820-S	70-POB-0820-S	70-POC-0820-S			11.0
		Rubber on Aluminum-EHT	750			70-RAB-0820-S-EHT				11.0
		Rubber on Iron	500		70-RIR-0820-S		70-RIC-0820-S			11.0
		Solid Urethane	1500			70-MUB-0820-S				7.1
		Urethane on Aluminum	1500		70-UAR-0820-S		70-UAC-0820-S			13.0
		Urethane on Iron	1500		70-UIR-0820-S		70-UIC-0820-S			13.0
		Urethane Polypropylene	1000		70-UPR-0820-S	70-UPB-0820-S	70-UPC-0820-S			10.1
		V-Groove Iron	1050		70-VIR-0820-S		70-VIC-0820-S			16.0
		Signature	700		70-SWR-0820-S	70-SWB-0820-S	70-SWC-0820-S			7.1
		Pinnacle	1200		70-PNR-0820-S	70-PNB-0820-S	70-PNC-0820-S			6.9
		Torus	1200			70-UAB-0821-S				7.3
8"	2-1/2"	Cast Iron	1800	10-1/8"	70-CIR-0825-S			70-CIT-0825-S	2-1/16"	20.0
		Durastan	1800		70-DUR-0825-S					14.0
		Forged Steel	4000		70-FSR-0825-S			70-FST-0825-S		20.0
		GT	2400			70-GTB-0825-S				14.0
		Rubber on Iron	670		70-RIR-0825-S			70-RIT-0825-S		17.0
		Urethane on Iron	1800		70-UIR-0825-S			70-UIT-0825-S		18.0
		V-Groove Iron	3000		70-VIR-0825-S			70-VIT-0825-S		20.0
10"	2-1/2"	Cast Iron	1800	11-1/2"	70-CIR-1025-S			70-CIT-1025-S	2-5/16"	26.0
		Durastan	1800		70-DUR-1025-S					16.0
		Rubber on Iron	790		70-RIR-1025-S			70-RIT-1025-S		21.0
		Urethane on Iron	2370		70-UIR-1025-S			70-UIT-1025-S		21.0

UP TO 6,000 POUND CAPACITY