

65 Series Casters

RAPIDSTOCK

RWM Casters 65 Series industrial casters feature the patented Kingpinless™ caster design. RWM patented this design that has proven to be the best solution for demanding applications such as automotive towlines, assembly lines and various heavy duty industrial applications. This is the Kingpinless™ caster design that all others are copying because it is simply unmatched in extending service life and reducing all possible causes for caster failure.



The 65 Series kingpinless caster is recommended for a wide range of industrial caster applications. Our 65 Series industrial casters are proudly made in the USA. Log in to our website to download free 3D CAD drawings & models of this caster. If our standard product line doesn't meet your specifications, give us a call.



65-GTB-0820-S

Features

Raceway Design: Patented Kingpinless™ single ball bearing precision machined raceway hardened to 53 Rockwell C. minimum. Swivel section features a 2-3/8" diameter raceway with 3/8" ball bearings.

Leg Thickness: 1/4" formed steel

Axle: 1/2" bolt and lock nut drilled with lube fitting

Finish: Zinc plated to protect against corrosion

Wheels: Wheels are available with a straight roller bearing which rotates on a hardened and ground spanner bushing, an annular ball bearing for ease of rollability or a celcon bearing

Mounting Plate Size: 4" x 4-1/2" x 1/4"

Bolt Hole Spacing: 2-5/8" x 3-5/8", slotted to 3" x 3"

Mounting Bolt Diameter: 3/8"

Swivel Sections: All swivel sections are supplied with a lubrication fitting for field maintenance.

Capacity: 2,000 lbs.

Options

- CWB** Cam Wheel Brake
- DSL** Demountable Swivel Lock
- FG** Foot Guard
- FIFG** Field Installable Foot Guard
- HT** High Temperature Lubrication
- HTP** High Temperature Paint
- ICWB** Installable Face Contact Brake
- LP** Locking Plate-Total Lock for 8" Casters Only
- LT** Low Temperature Lubrication
- SL** Swivel Lock
- SR** Sealed Raceway
- TG** Thread Guards
- WB** Side Wheel Brake (roller bearing only)
- WS** Wheel Seals
- WWB** Wrap Around Wheel Brake (roller bearing only)
- FOSL** Foot Operated Swivel Lock

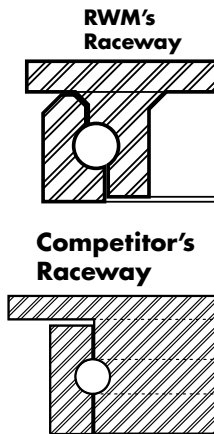
Applications

The 65 Series heavy duty Kingpinless™ Casters are used in the following:

- ◆ Aircraft Maintenance and Support Applications
- ◆ Towing applications
- ◆ Automotive Assembly Lines
- ◆ Heavy Duty Industrial Applications
- ◆ Manufacturing Applications
- ◆ NSF available

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.



OPTIONAL MOUNTING PLATES

Optional Top Plate Number	Mounting Plate	Bolt Hole Spacing	Bolt Size
41ST 41RT	4" x 5"	2-5/8" x 3-5/8" slotted to 3" x 4"	3/8"
42ST 42RT	4-1/2" x 6-1/2"	2-7/16" x 4-15/16" slotted to 3-3/8" x 5-1/4"	1/2"
43ST 43RT	5" x 5-1/2"	4-1/8" x 4-1/2"	3/8"

OPTIONAL OVERALL HEIGHTS

Wheel Diameter	Overall Height
4"	5-9/16"
5"	6-11/16"
6" *	7-5/8"
8" **	9-1/2"



Available NSF Products:

All casters except those with the cast iron, soft rubber, Omega, rubber on iron, rubber on aluminum, forged steel, urethane on aluminum, urethane on iron, or V-groove wheels. The following options are not available: DSL, HT, LT, SL, SR, TG, WS. Add "-N" to the end of the model number to specify an NSF approved caster. For example: 65-DUR-0620-S-N.

To order a rigid caster, change the "S" to "R" in the model number. For example: "65-CIR-0520-R". To order a rig only, omit the blue letters. For example: "65-0520-S". Dimensions shown are nominal. If precise dimensions are required, consult your RWM representative. For approximate weight of our rigid caster, deduct 1.5 pounds.

UPTO 2,000 POUND CAPACITY

SPECIFICATIONS

Wheel Diameter	Wheel Width	Wheel Type	lbs. Capacity	Overall Height	Swivel Caster Model Number			Swivel Lead	lbs. Approx Weight
					Caged, Straight Roller Bearing	Flanged, Sealed Precision, 1 pc. Ball Bearing	Plain, Oilite, Celcon Bearing		
4"	1-1/2"	Forged Steel	1400	5-5/8"	65-FSR-0415-S		65-FSC-0415-S	1-3/16"	9.0
		Cast Iron	800		65-CIR-0420-S	65-CIB-0420-S	65-CIC-0420-S		10.0
		Durastan	800		65-DUR-0420-S	65-DUB-0420-S	65-DUC-0420-S		8.0
		GT	1050			65-GTB-0420-S			8.0
		High Temp. Nylon	800		65-HNR-0420-S				8.0
		Nylatron HD	2000			65-NYB-0420-S			8.5
		Performance TPR	350		65-RPR-0420-S	65-RPB-0420-S	65-RPC-0420-S		7.3
		Pinnacle	800		65-PNR-0420-S	65-PNB-0420-S	65-PNC-0420-S		8.0
	2"	Polyolefin	500	65-POR-0420-S	65-POB-0420-S	65-POC-0420-S	7.6		
		Rubber on Aluminum	700		65-RAB-0420-S-EHT		8.0		
		Rubber on Iron	350	65-RIR-0420-S		65-RIC-0420-S	8.0		
		Signature	400	65-SWR-0420-S	65-SWB-0420-S	65-SWC-0420-S	7.0		
		Solid Urethane	700		65-MUB-0420-S		7.0		
		Urethane on Aluminum	700	65-UAR-0420-S		65-UAC-0420-S	7.5		
		Urethane on Iron	700	65-UIR-0420-S		65-UIC-0420-S	8.0		
		Urethane Polypropylene	600	65-UPR-0420-S	65-UPB-0420-S	65-UPC-0420-S	7.3		
V-Groove Iron	800	65-VIR-0420-S		65-VIC-0420-S	10.0				
5"	2"	Cast Iron	1000	6-1/2"	65-CIR-0520-S	65-CIB-0520-S	65-CIC-0520-S	1-3/8"	12.0
		Durastan	1000		65-DUR-0520-S	65-DUB-0520-S	65-DUC-0520-S		9.0
		Forged Steel	1500		65-FSR-0520-S		65-FSC-0520-S		12.0
		GT	1200			65-GTB-0520-S			9.0
		High Temp. Nylon	1000		65-HNR-0520-S				9.0
		Nylatron HD	2000			65-NYB-0520-S			9.5
		Performance TPR	375		65-RPR-0520-S	65-RPB-0520-S	65-RPC-0520-S		7.3
		Pinnacle	1000		65-PNR-0520-S	65-PNB-0520-S	65-PNC-0520-S		9.0
	2"	Polyolefin	650	65-POR-0520-S	65-POB-0520-S	65-POC-0520-S	8.7		
		Rubber on Aluminum	800		65-RAB-0520-S-EHT		8.6		
		Rubber on Iron	400	65-RIR-0520-S		65-RIC-0520-S	9.0		
		Signature	500	65-SWR-0520-S	65-SWB-0520-S	65-SWC-0520-S	7.6		
		Solid Urethane	1000		65-MUB-0520-S		7.6		
		Urethane on Aluminum	1050	65-UAR-0520-S		65-UAC-0520-S	8.5		
		Urethane on Iron	1050	65-UIR-0520-S		65-UIC-0520-S	9.0		
		Urethane Polypropylene	750	65-UPR-0520-S	65-UPB-0520-S	65-UPC-0520-S	7.3		
V-Groove Iron	800	65-VIR-0520-S		65-VIC-0520-S	12.0				
6"	2"	Cast Iron	1200	7-1/2"	65-CIR-0620-S	65-CIB-0620-S	65-CIC-0620-S	Optional 2-1/2"	13.0
		Durastan	1200		65-DUR-0620-S	65-DUB-0620-S	65-DUC-0620-S		10.0
		Forged Steel	1800		65-FSR-0620-S		65-FSC-0620-S		13.0
		GT	1500			65-GTB-0620-S			10.0
		High Temp. Nylon	1200		65-HNR-0620-S				10.0
		Nylatron HD	2000			65-NYB-0620-S			11.0
		Omega	1000		65-UOR-0620-S	65-UOB-0620-S	65-UOC-0620-S		12.0
		Performance TPR	525		65-RPR-0620-S	65-RPB-0620-S	65-RPC-0620-S		7.7
	2"	Pinnacle	1200	65-PNR-0620-S	65-PNB-0620-S	65-PNC-0620-S	10.0		
		Polyolefin	700	65-POR-0620-S	65-POB-0620-S	65-POC-0620-S	8.7		
		Rubber on Aluminum	820		65-RAB-0620-S-EHT		10.0		
		Rubber on Iron	410	65-RIR-0620-S		65-RIC-0620-S	10.0		
		Signature	600	65-SWR-0620-S	65-SWB-0620-S	65-SWC-0620-S	9.0		
		Solid Urethane	1200		65-MUB-0620-S		9.0		
		Torus	1230		65-UAB-0621-S		11.0		
		Urethane on Aluminum	1230	65-UAR-0620-S		65-UAC-0620-S	11.0		
8"	2"	Urethane on Iron	1230	10-1/8"	65-UIR-0620-S		65-UIC-0620-S	Optional 2-1/4" 2-1/2" & 3-1/2"	12.0
		Urethane Polypropylene	900		65-UPR-0620-S	65-UPB-0620-S	65-UPC-0620-S		7.7
		V-Groove Iron	1000		65-VIR-0620-S		65-VIC-0620-S		13.0
		Cast Iron	1400		65-CIR-0820-S	65-CIB-0820-S	65-CIC-0820-S		16.0
		Durastan	1400		65-DUR-0820-S	65-DUB-0820-S	65-DUC-0820-S		11.0
		GT	1800			65-GTB-0820-S			11.0
		Nylatron HD	2000			65-NYB-0820-S			12.0
		Omega	1200		65-UOR-0820-S	65-UOB-0820-S			13.0
	2"	Performance TPR	600	65-RPR-0820-S	65-RPB-0820-S	65-RPC-0820-S	9.1		
		Pinnacle	1400	65-PNR-0820-S	65-PNB-0820-S	65-PNC-0820-S	11.0		
		Polyolefin	800	65-POR-0820-S	65-POB-0820-S	65-POC-0820-S	9.1		
		Rubber on Aluminum	1000		65-RAB-0820-S-EHT		11.0		
		Rubber on Iron	500	65-RIR-0820-S		65-RIC-0820-S	11.0		
		Signature	700	65-SWR-0820-S	65-SWB-0820-S	65-SWC-0820-S	10.0		
		Solid Urethane	1500		65-MUB-0820-S		10.0		
		Torus	1050	65-VIR-0820-S		65-VIC-0820-S	16.0		
Urethane on Aluminum	1500	65-UAR-0820-S		65-UAC-0820-S	12.0				
Urethane on Iron	1500	65-UIR-0820-S		65-UIC-0820-S	13.0				
Urethane Polypropylene	1000	65-UPR-0820-S	65-UPB-0820-S	65-UPC-0820-S	9.1				
Torus	1500		65-UAB-0821-S		12.0				

UP TO 2,000 POUND CAPACITY