

65 Series Casters

Heavy Duty Kingpinless™ Casters

RWM's 65 Series caster features the patented Kingpinless™ design. The 65 Series is recommended for a wide range of industrial applications. Typical applications include dollies, utility carts, tow line and platform trucks.



65-SUB-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.

SPECIFICATIONS

Wheel Diameter	Wheel Width	Wheel Type	Capacity lbs.	Overall Height	Swivel Caster Model Number			Swivel Lead	Approx Weight lbs.
					Straight Roller Bearing	Ball Bearing	Plain, Oilite, Celcon Bearing		
4"	1-1/2"	Forged Steel	1400	5-5/8"	65-FSR-0415-S	65-CIB-0420-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-CIB-0420-S	65-DUC-0420-S		8.0
		GT	1050			65-GTB-0420-S			8.0
		High Temp. Nylon	800		65-HNR-0420-S	65-HNB-0420-S			8.0
		Performance TPR	350		65-RPR-0420-S	65-RPB-0420-S	65-RPC-0420-S		7.3
		Pinnacle	800		65-PNR-0420-S				8.0
	2"	Polyolefin	500	65-POR-0420-S	65-POB-0420-S	65-POC-0420-S	7.6		
		Rubber on Aluminum	525	65-RAR-0420-S	65-POB-0420-S	65-RAC-0420-S	8.0		
		Rubber on Iron	350	65-RIR-0420-S	65-POB-0420-S	65-RIC-0420-S	8.0		
		Signature	400	65-SWR-0420-S	65-SWB-0420-S	65-SUC-0420-S	7.0		
		Solid Urethane	500	65-SUR-0420-S	65-SUB-0420-S	65-SUC-0420-S	8.0		
		Urethane on Aluminum	700	65-UAR-0420-S	65-SUB-0420-S	65-UAC-0420-S	7.5		
		Urethane on Iron	700	65-UIR-0420-S	65-SUB-0420-S	65-UIC-0420-S	8.0		
5"	2"	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-UPB-0420-S	65-VIC-0420-S	10.0		
		Cast Iron	1000	65-CIR-0520-S	65-CIB-0520-S	65-CIC-0520-S	12.0		
		Durastan	1000	65-DUR-0520-S	65-CIB-0520-S	65-DUC-0520-S	9.0		
		Forged Steel	1500	65-FSR-0520-S	65-CIB-0520-S	65-FSC-0520-S	12.0		
		GT	1200		65-GTB-0520-S		9.0		
		High Temp. Nylon	1000	65-HNR-0520-S	65-HNB-0520-S		9.0		
	6"	2"	Performance TPR	375	65-RPR-0520-S	65-RPB-0520-S	65-RPC-0520-S	7.3	
			Pinnacle	1000	65-PNR-0520-S	65-POB-0520-S	65-POC-0520-S	9.0	
			Polyolefin	650	65-POR-0520-S	65-POB-0520-S	65-POC-0520-S	8.7	
			Rubber on Aluminum	600	65-RAR-0520-S	65-POB-0520-S	65-RAC-0520-S	8.6	
			Rubber on Iron	400	65-RIR-0520-S	65-POB-0520-S	65-RIC-0520-S	9.0	
			Signature	500	65-SWR-0520-S	65-SWB-0520-S	65-SUC-0520-S	7.6	
			Solid Urethane	900	65-SUR-0520-S	65-SUB-0520-S	65-SUC-0520-S	9.0	
6"	2"	Urethane on Aluminum	1050	65-UAR-0520-S	65-SUB-0520-S	65-UAC-0520-S	8.5		
		Urethane on Iron	1050	65-UIR-0520-S	65-SUB-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-UPB-0520-S	65-VIC-0520-S	12.0		
		Cast Iron	1200	65-CIR-0620-S	65-CIB-0620-S	65-CIC-0620-S	13.0		
		Durastan	1200	65-DUR-0620-S	65-CIB-0620-S	65-DUC-0620-S	10.0		
		Forged Steel	1800	65-FSR-0620-S	65-CIB-0620-S	65-FSC-0620-S	13.0		
	7-1/2"	2"	GT	1500		65-GTB-0620-S		10.0	
			High Temp. Nylon	1200	65-HNR-0620-S	65-HNB-0620-S		10.0	
			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	
			Pinnacle	1200	65-PNR-0620-S	65-POB-0620-S	65-POC-0620-S	10.0	
			Polyolefin	700	65-POR-0620-S	65-POB-0620-S	65-POC-0620-S	8.7	
			Rubber on Aluminum	615	65-RAR-0620-S	65-POB-0620-S	65-RAC-0620-S	10.0	
8"	2"	Rubber on Iron	410	65-RIR-0620-S	65-POB-0620-S	65-RIC-0620-S	10.0		
		Signature	600	65-SWR-0620-S	65-SWB-0620-S	65-SUC-0620-S	9.0		
		Solid Urethane	900	65-SUR-0620-S	65-SUB-0620-S	65-SUC-0620-S	10.0		
		Urethane on Aluminum	1230	65-UAR-0620-S	65-SUB-0620-S	65-UAC-0620-S	11.0		
		Urethane on Iron	1230	65-UIR-0620-S	65-SUB-0620-S	65-UIC-0620-S	12.0		
		Urethane Polypropylene	900	65-UPR-0620-S	65-UPB-0620-S	65-UPC-0620-S	7.7		
		Torus	1230	65-VIR-0620-S	65-UPB-0621-S	65-VIC-0620-S	11.0		
	10-1/8"	2"	V-Groove Iron	1000	65-VIR-0620-S	65-UPB-0621-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-CIB-0820-S	65-DUC-0820-S	11.0	
			GT	1800		65-GTB-0820-S		11.0	
			Performance TPR	600	65-RPR-0820-S	65-RPB-0820-S	65-RPC-0820-S	9.1	
			Pinnacle	1400	65-PNR-0820-S	65-POB-0820-S	65-POC-0820-S	11.0	
			Omega	1200	65-UOR-0820-S	65-UOB-0820-S	65-UOC-0820-S	13.0	
8"	2"	Polyolefin	800	65-POR-0820-S	65-POB-0820-S	65-POC-0820-S	9.1		
		Rubber on Aluminum	750	65-RAR-0820-S	65-POB-0820-S	65-RAC-0820-S	11.0		
		Rubber on Iron	500	65-RIR-0820-S	65-POB-0820-S	65-RIC-0820-S	11.0		
		Signature	700	65-SWR-0820-S	65-SWB-0820-S	65-SUC-0820-S	10.0		
		Solid Urethane	1050	65-SUR-0820-S	65-SUB-0820-S	65-SUC-0820-S	11.0		
		Urethane on Aluminum	1500	65-UAR-0820-S	65-SUB-0820-S	65-UAC-0820-S	12.0		
		Urethane on Iron	1500	65-UIR-0820-S	65-SUB-0820-S	65-UIC-0820-S	13.0		
	10-1/8"	2"	Urethane Polypropylene	1000	65-UPR-0820-S	65-UPB-0820-S	65-UPC-0820-S	9.1	
			Torus	1500	65-VIR-0820-S	65-UPB-0821-S	65-VIC-0820-S	12.0	
			V-Groove Iron	1050	65-VIR-0820-S	65-UPB-0821-S	65-VIC-0820-S	16.0	

OPTIONS

DSL	Demountable Swivel Lock
HT	High Temperature Lubrication
ICWB	Installable Face Contact Brake
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

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.



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.

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"

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UP TO 2,000 POUND CAPACITY