

Freedom[™] SERIES

Maintenance Free

The Revolutionary Maintenance Free Caster

RWM Casters, the originator of the Kingpinless[™] caster, has engineered the first and only maintenance free caster on the market today. This major breakthrough is a revolutionary design that offers an ultra quiet precision swivel section that is sealed for life.

Available with a variety of top plates, leg lengths, wheel and brake options, the Maintenance Free Freedom Series is the perfect solution for almost any caster application.

Maintenance Free Features

Mounting Plate – With a variety of sizes available, our thick top plates increase the versatility and extend the caster life due to enhanced protection of the swivel section.

Swivel Section – Our exclusive swivel section consists of a heavy duty sealed precision ball bearing that is sealed for life at the factory making it *totally maintenance free*. It is capable of all radial and thrust loads and provides ultra quiet operation.

Wheels – We offer thirteen options of our finely crafted wheels that are designed for maximum performance for a variety of applications in any industry.

Rivet (Kingpin) – Our distinctive kingpin is larger in diameter and hydraulically staked to be stronger than any comparable load rated caster in the industry. This eliminates any possibility of kingpin stretch.

Quiet – Rivet welded to reduce vibration rattle.

Bearings – Precision ball bearings are totally sealed to protect against the damaging effects of water, dirt, grit or chemicals.

Zinc Plating – Zinc plating provides a sleek appearance as well as long-lasting corrosion resistance.



RWM Casters
Technology in Motion[™]

Easy to Order With Our
RAPIDSTOCK[™]
PROGRAM

Large inventory of our
most popular products

Ready to ship in
1 to 5 days

Made in the USA

OPTIONS

DSL	Demountable Swivel Lock*
ICWB	Installable Face Contact Brake
NY	Notched Yoke
SL	Swivel Lock
WB	Side Wheel Brake (roller bearing only)
WS	Wheel Seals
WWB	Wrap Around Wheel Brake



Available NSF Products:

All casters except those with cast iron, soft rubber, Omega, rubber on iron, rubber on aluminum, forged steel, urethane on aluminum, urethane on iron, V-groove wheels. The following options are also not available; DSL, NY, SL, WS.

Add "-N" to the end of the model number to specify an NSF approved caster. For example: 48-DUR-0620-S-N.

To order a rigid caster, change the "S" to "R" in the model number. For example: "48-CIR-0620-R".

To order a rig only, omit the blue letters. For example: "48-0620-S".

Dimensions shown are nominal. If precise dimensions are required, consult your RWM representative.

For approximate weight of our rigid casters, deduct 0.9 pounds per item.

SPECIFICATIONS

Wheel Diameter	Wheel Width	Wheel Type	lbs. Capacity	Overall Height	Swivel Caster Model Number			Overall Height	lbs. Overall Height
					Straight Roller Bearing	Ball Bearing	Plain, Oilite, Celcon Bearing		
4"	2"	Cast Iron	800	5 5/8"	48-CIR-0420-S	48-CIB-0420-S	48-CIC-0420-S	1 1/8"	10.0
		Durastan	800		48-DUR-0420-S		48-DUC-0420-S		8.0
		High Temp. Nylon	800		48-HNR-0420-S	48-HNB-0420-S			8.0
		GT	1050			48-GTB-0420-S			7.0
		Performance TPR	350		48-RPR-0420-S	48-RPB-0420-S	48-RPC-0420-S		8.0
		Polyolefin	500		48-POR-0420-S	48-POB-0420-S	48-POC-0420-S		7.6
		Rubber On Aluminum	525		48-RAR-0420-S		48-RAC-0420-S		8.0
		Rubber On Iron	350		48-RIR-0420-S		48-RIC-0420-S		8.0
		Solid Urethane	1000		48-SUR-0420-S	48-SUB-0420-S	48-SUC-0420-S		8.0
		Urethane On Aluminum	700		48-UAR-0420-S		48-UAC-0420-S		7.5
		Urethane On Iron	700		48-UIR-0420-S		48-UIC-0420-S		8.0
		Urethane On Polypropylene V-Groove Iron	600		48-UPR-0420-S	48-UPB-0420-S	48-UPC-0420-S		7.3
			800	48-VIR-0420-S		48-VIC-0420-S	10.0		
5"	2"	Cast Iron	1000	6 1/2"	48-CIR-0520-S	48-CIB-0520-S	48-CIC-0520-S	1 1/2"	12.0
		Durastan	1000		48-DUR-0520-S		48-DUC-0520-S		9.0
		Forged Steel	1500		48-FSR-0520-S		48-FSC-0520-S		12.0
		High Temp. Nylon	1000		48-HNR-0520-S	48-HNB-0520-S			9.0
		GT	1200			48-GTB-0520-S			8.0
		Performance TPR	375		48-RPR-0520-S	48-RPB-0520-S	48-RPC-0520-S		9.0
		Polyolefin	650		48-POR-0520-S	48-POB-0520-S	48-POC-0520-S		8.7
		Rubber On Aluminum	600		48-RAR-0520-S	48-RAB-0520-S	48-RAC-0520-S		8.6
		Rubber On Iron	400		48-RIR-0520-S		48-RIC-0520-S		9.0
		Solid Urethane	1000		48-SUR-0520-S	48-SUB-0520-S	48-SUC-0520-S		8.1
		Urethane On Aluminum	1050		48-UAR-0520-S		48-UAC-0520-S		8.5
		Urethane On Iron	1050		48-UIR-0520-S		48-UIC-0520-S		9.0
Urethane On Polypropylene V-Groove Iron	750	48-UPR-0520-S	48-UPB-0520-S	48-UPC-0520-S	7.3				
			800	48-VIR-0520-S		48-VIC-0520-S	12.0		
6"	2"	Cast Iron	1200	7 1/2"	48-CIR-0620-S	48-CIB-0620-S	48-CIC-0620-S	1 5/8"	13.0
		Durastan	1200		48-DUR-0620-S	48-DUB-0620-S	48-DUC-0620-S		10.0
		Forged Steel	1500		48-FSR-0620-S		48-FSC-0620-S		13.0
		High Temp. Nylon	1200		48-HNR-0620-S	48-HNB-0620-S			10.0
		GT	1500			48-GTB-0620-S			10.0
		Omega	1000		48-UOR-0620-S	48-UOB-0620-S	48-UOC-0620-S		12.0
		Performance TPR	525		48-RPR-0620-S	48-RPB-0620-S	48-RPC-0620-S		10.0
		Polyolefin	700		48-POR-0620-S	48-POB-0620-S	48-POC-0620-S		8.7
		Rubber On Aluminum	615		48-RAR-0620-S	48-RAB-0620-S	48-RAC-0620-S		10.0
		Rubber On Iron	410		48-RIR-0620-S		48-RIC-0620-S		10.0
		Solid Urethane	1000		48-SUR-0620-S	48-SUB-0620-S	48-SUC-0620-S		8.8
		Urethane On Aluminum	1230		48-UAR-0620-S		48-UAC-0620-S		11.0
Urethane On Iron	1230	48-UIR-0620-S	48-UIB-0620-S	48-UIC-0620-S	12.0				
Urethane On Polypropylene V-Groove Iron	900	48-UPR-0620-S	48-UPB-0620-S	48-UPC-0620-S	7.7				
			1000	48-VIR-0620-S		48-VIC-0620-S	13.0		
8"	2"	Cast Iron	1400	9 1/2"	48-CIR-0820-S	48-CIB-0820-S	48-CIC-0820-S	2"	16.0
		Durastan	1400		48-DUR-0820-S	48-DUB-0820-S	48-DUC-0820-S		11.0
		GT	1500			48-GTB-0820-S			14.0
		Omega	1200		48-UOR-0820-S	48-UOB-0820-S	48-UOC-0820-S		13.0
		Performance TPR	600		48-RPR-0820-S	48-RPB-0820-S	48-RPC-0820-S		11.0
		Polyolefin	800		48-POR-0820-S	48-POB-0820-S	48-POC-0820-S		9.1
		Rubber On Aluminum	750		48-RAR-0820-S	48-RAB-0820-S	48-RAC-0820-S		11.0
		Rubber On Iron	500		48-RIR-0820-S		48-RIC-0820-S		11.0
		Solid Urethane	1200		48-SUR-0820-S	48-SUB-0820-S	48-SUC-0820-S		9.5
		Urethane On Aluminum	1500		48-UAR-0820-S		48-UAC-0820-S		12.0
		Urethane On Iron	1500		48-UIR-0820-S	48-UIB-0820-S	48-UIC-0820-S		13.0
		Urethane On Polypropylene V-Groove Iron	1000		48-UPR-0820-S	48-UPB-0820-S	48-UPC-0820-S		9.1
			1050	48-VIR-0820-S		48-VIC-0820-S	16.0		

FEATURES

Swivel Section - Sealed precision swivel bearing
 Axle - 1/2" diameter
 Finish - Zinc plated to protect from corrosion
 Mounting Plate Size - 4" x 4-1/2" x 1/4"
 Mounting Bolt Diameter - 3/8"
 Bolt Hole Spacing - 2-5/8" x 3-5/8", slotted to 3" x 3"

OPTIONAL MOUNTING PLATES

Optional Top Plate Number	Mounting Plate	Bolt Hole Spacing	Bolt Hole
42ST			
42RT	4 1/2" x 6 1/2"	2 7/16" x 4 13/16" slotted to 3 3/4" x 5 1/4"	1/2"

RWM Casters

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