

RWM's 52 Series is manufactured from cold formed steel. This series is highly recommended for use in heavy duty applications.

Features

Swivel Section: Cold formed top plate, yoke and button are all heat treated to prevent brinelling, improve swivel action and increase service life. Load and thrust bearings are hardened and ground and rotate on hardened raceways. Top plate and legs are 1/4" steel, legs formed for increased strength and continuously welded to yoke. All swivel sections are equipped with a lubrication fitting for field maintenance. RWM lubricates all swivel sections prior to shipment.

Kingpin: 3/4" diameter rivet hydraulically compressed to increase strength of swivel section as compared to staking

Axle: 1/2" diameter drilled axle with lubrication fitting provided on 2" casters to improve ease of lubrication

Finish: Zinc plated to protect against corrosion

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

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

Mounting Bolt Diameter: 1/2"



52-FSR-0620-S

Options

- HT** High Temperature Lubrication
- ICWB** Installable Face Contact Brake (2" wide only)
- LT** Low Temperature Lubrication
- KB** Nut and Bolt Kingpin
- SL** Swivel Lock
- SR** Sealed Swivel Raceway
- TG** Thread Guards
- WB** Side Wheel Brake (roller bearing only)
- WS** Wheel Seals
- WWB** Wrap Around Wheel Brake

Applications

The 52 Series is the perfect solution for:

- ◆ movable racks
- ◆ conveyor and drag line applications
- ◆ utility trucks
- ◆ corrugated box trucks
- ◆ caster mounted production jigs and fixtures

OPTIONAL MOUNTING PLATES

Optional Top Plate Number	Mounting Plate	Bolt Hole Spacing	Bolt Size
43ST 43RT	5" x 5-1/2"	4-1/8" x 4-1/2"	3/8"

OPTIONAL OVERALL HEIGHTS

Wheel Diameter	Overall Height
4"	5-1/8"
5"	6-1/2"
6"	7-1/2"
8"	9-1/2"
8"	10-1/8"

To order a rigid caster, change the "S" to "R" in the model number. For example, 52-FSR-0620-R. To order a rig only, omit the blue letters. For example: 52-0620-S. Note: (1.) For weight of Caster with brake add .24 pounds. (2.) For weight of Rigid Caster deduct .7 pounds. Dimensions shown are nominal. If precise dimensions are required, please consult your RWM Representative.

UP TO 1,400 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	5-3/4"	52-FSR-0415-S		52-FSC-0415-S	1-13/32"	8.8			
		Cast Iron	800		52-CIR-0420-S	52-CIB-0420-S	52-CIC-0420-S		8.3			
		Durastan	800		52-DUR-0420-S	52-DUB-0420-S	52-DUC-0420-S		6.4			
		GT	1050			52-GTB-0420-S			6.4			
		High Temp. Nylon	800		52-HNR-0420-S				5.8			
		Nylatron HD	1400			52-NYB-0420-S			6.9			
		Performance TPR	350		52-RPR-0420-R	52-RPB-0420-R	52-RPC-0420-S		6.5			
		Polyolefin	500		52-POR-0420-S	52-POB-0420-S	52-POC-0420-S		6.0			
	2"	Rubber on Aluminum	525	5-3/4"	52-RIR-0420-S	52-RAB-0420-S-EHT	52-RIC-0420-S	1-3/8"	6.5			
		Rubber on Iron	350						8.1			
		Urethane on Aluminum	700						6.6			
		Solid Urethane	700						6.2			
		Urethane on Iron	700						52-MUB-0420-S	52-UAC-0420-S	8.2	
		Urethane Polypropylene	600						52-UJR-0420-S	52-UIC-0420-S	8.2	
		V-Groove Iron	800						52-UPR-0420-S	52-UPB-0420-S	52-UPC-0420-S	6.5
		Signature	400						52-VIR-0420-S	52-VIC-0420-S	52-VIC-0420-S	8.5
Pinnacle	800	52-SWR-0420-S	52-SWB-0420-S	52-SWC-0420-S	6.2							
5"	2"	Cast Iron	1000	7-1/4"	52-CIR-0520-S	52-CIB-0520-S	52-CIC-0520-S	1-13/16"	9.6			
		Durastan	1000		52-DUR-0520-S	52-DUB-0520-S	52-DUC-0520-S		6.9			
		Forged Steel	1400		52-FSR-0520-S		52-FSC-0520-S		10.8			
		GT	1200			52-GTB-0520-S			6.9			
		High Temp. Nylon	1000		52-HNR-0520-S				6.9			
		Nylatron HD	1400			52-NYB-0520-S			7.4			
		Performance TPR	375		52-RPR-0520-S	52-RPB-0520-R	52-RPC-0520-S		7.0			
		Polyolefin	650		52-POR-0520-S	52-POB-0520-S	52-POC-0520-S		6.1			
	2"	Rubber on Aluminum	600	7-1/4"	52-RIR-0520-S	52-RAB-0520-S-EHT	52-RIC-0520-S	1-13/16"	7.2			
		Rubber on Iron	400						9.1			
		Solid Urethane	1000						6.5			
		Urethane on Aluminum	1050						52-MUB-0520-S	52-UAC-0520-S	7.0	
		Urethane on Iron	1050						52-UJR-0520-S	52-UIC-0520-S	9.2	
		Urethane Polypropylene	750						52-UPR-0520-S	52-UPB-0520-S	52-UPC-0520-S	7.0
		V-Groove Iron	800						52-VIR-0520-S	52-VIC-0520-S	52-VIC-0520-S	9.9
		Signature	500						52-SWR-0520-S	52-SWB-0520-S	52-SWC-0520-S	6.5
Pinnacle	1000	52-PNR-0520-S	52-PNB-0520-S	52-PNC-0520-S	6.3							
6"	2"	Cast Iron	1200	7-3/4"	52-CIR-0620-S	52-CIB-0620-S	52-CIC-0620-S	1-13/16"	11.2			
		Durastan	1200		52-DUR-0620-S	52-DUB-0620-S	52-DUC-0620-S		8.0			
		Forged Steel	1400		52-FSR-0620-S		52-FSC-0620-S		12.5			
		GT	1400			52-GTB-0620-S			8.0			
		High Temp. Nylon	1200		52-HNR-0620-S				8.0			
		Omega	1000		52-UOR-0620-S	52-UOB-0620-S			10.5			
		Performance TPR	525		52-RPR-0620-S	52-RPB-0620-R	52-RPC-0620-S		7.0			
		Polyolefin	700		52-POR-0620-S	52-POB-0620-S	52-POC-0620-S		8.0			
	2"	Rubber on Aluminum	615	7-3/4"	52-RIR-0620-S	52-RAB-0620-S-EHT	52-RIC-0620-S	1-13/16"	9.5			
		Rubber on Iron	410						9.5			
		Solid Urethane	1200						7.2			
		Urethane on Aluminum	1230						52-MUB-0620-S	52-UAC-0620-S	7.8	
		Urethane on Iron	1230						52-UJR-0620-S	52-UIC-0620-S	10.5	
		Urethane Polypropylene	900						52-UPR-0620-S	52-UPB-0620-S	52-UPC-0620-S	7.0
		V-Groove Iron	1000						52-VIR-0620-S	52-VIC-0620-S	52-VIC-0620-S	11.2
		Signature	600						52-SWR-0620-S	52-SWB-0620-S	52-SWC-0620-S	7.2
Pinnacle	1200	52-PNR-0620-S	52-PNB-0620-S	52-PNC-0620-S	6.9							
Torus	1200		52-UAB-0621-S		6.1							
6"	2-1/2"	Cast Iron	1400	7-3/4"	52-CIR-0625-S			1-13/16"	15.1			
		Durastan	1400		52-DUR-0625-S				10.8			
		Forged Steel	1400		52-FSR-0625-S				19.5			
		Rubber on Iron	540		52-RIR-0625-S				13.8			
		Urethane on Iron	1400		52-UJR-0625-S				17.0			
		V-Groove Iron	1400		52-VIR-0625-S				17.2			
		Rubber on Iron-EHT	810		52-RIR-0625-S-EHT				13.8			
		8"	2"		Cast Iron	1400	9-3/4"		52-CIR-0820-S	52-CIB-0820-S	52-CIC-0820-S	2-1/4"
Durastan	1200			52-DUR-0820-S	52-DUB-0820-S	52-DUC-0820-S		9.7				
GT	1400				52-GTB-0820-S			9.7				
Omega	1200			52-UOR-0820-S	52-UOB-0820-S			14.1				
Performance TPR	600			52-RPR-0820-S	52-RPB-0820-R	52-RPC-0820-S		9.0				
Polyolefin	800			52-POR-0820-S	52-POB-0820-S	52-POC-0820-S		7.7				
Rubber on Aluminum	750			52-RIR-0820-S	52-RAB-0820-S-EHT	52-RIC-0820-S		52-RIC-0820-S	12.2			
Rubber on Iron	500								12.2			
Solid Urethane	1400		8.0									
Urethane on Aluminum	1400		52-MUB-0820-S				52-UAC-0820-S		9.3			
Urethane on Iron	1400		52-UJR-0820-S				52-UIC-0820-S		14.1			
Urethane Polypropylene	1000		52-UPR-0820-S				52-UPB-0820-S		52-UPC-0820-S	9.0		
V-Groove Iron	1050		52-VIR-0820-S				52-VIC-0820-S		52-VIC-0820-S	1.5		
Signature	700		52-SWR-0820-S				52-SWB-0820-S		52-SWC-0820-S	8.0		
Pinnacle	1400		52-PNR-0820-S	52-PNB-0820-S	52-PNC-0820-S	7.8						
Torus	1200			52-UAB-0821-S		7.3						
8"	2-1/2"	Cast Iron	1400	9-3/4"	52-CIR-0825-S			2-1/4"	19.7			
		Durastan	1400		52-DUR-0825-S				13.1			
		Forged Steel	1400		52-FSR-0825-S				29.6			
		Rubber on Iron	670		52-RIR-0825-S				17.8			
		Urethane on Iron	1400		52-UJR-0825-S				18.8			
		V-Groove Iron	1400		52-VIR-0825-S				20.0			
Rubber on Iron-EHT	1005	52-RIR-0825-S-EHT			17.8							

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