

RWM's 76 Series caster features the patented Kingpinless™ design. The 76 Series offers up to 7000 lb. capacity and is available with a wide variety of wheels. All swivel sections are supplied with a lubrication fitting for field maintenance. This is the design that RWM patented, and that has proven itself to be the best solution for demanding applications. This is the caster design that all others are now copying because it is simply unmatched in extending service life, reducing all possible causes for caster failure.



76-DUR-0830-S

FEATURES	
Raceway Design	Patented Kingpinless™ single ball bearing precision machined raceway hardened to 53 Rockwell C minimum. Swivel section features 3" diameter raceway with 1/2" ball bearings. The notched raceway is standard.
Leg Thickness	3/8"
Axle	3/4" bolt with lock or slotted nut as required
Finish	Laguna Blue paint
Wheels	Wheels are available with either a 1" roller bearing which rotates on a hardened and ground spanner bushing or 3/4" tapered bearings that rotate on the axle. All wheels are equipped with a lubrication fitting.
Mounting Plate Size	5-1/4" x 7-1/4" x 3/8"
Bolt Hole Spacing	3-3/8" x 5-1/4", slotted to 4-1/8" x 6-1/8"
Mounting Bolt Diameter	1/2"

SPECIFICATIONS													
Wheel Diameter	Wheel Width	Wheel Type	lbs. Capacity	Overall Height	Swivel Caster Model Number			Swivel Lead	Approx Weight				
					Straight Roller Bearing	Ball Bearing	Tapered Roller Bearing						
5"	2-1/2"	Cast Iron	2000	7"	76-CIR-0525-S		76-CIT-0525-S	2"	18.0				
		Cast Iron	1800		76-CIR-0625-S		76-CIT-0625-S		17.0				
		Durastan	1600		76-DUR-0625-S				11.5				
6"	2-1/2"	Forged Steel	5000	8"	76-FSR-0625-S	76-GTB-0625-S	76-FST-0625-S	2-1/4"	20.5				
		GT	2300				11.5						
		Rubber on Iron-EHT	810		76-RIR-0625-S-EHT		76-RIT-0625-S-EHT		16.5				
		Urethane on Iron	1620		76-UJR-0625-S	76-UIT-0625-S	16.5						
		V-Groove Iron	2500		76-VIR-0625-S	76-VIT-0625-S	16.5						
		Rubber on Iron	670		76-RIR-0625-S		16.5						
		Cast Iron	3000		76-CIR-0630-S		76-CIT-0630-S		2-1/4"	18.5			
Durastan	2000	76-DUR-0630-S			12.5								
Forged Steel	7000	76-FSR-0630-S	76-NYB-0630-S	76-FST-0630-S	31.0								
Nylatron HD	2600	76-RIR-0630-S-EHT		76-RIT-0630-S-EHT	12.5								
Rubber on Iron-EHT	1020	76-UJR-0630-S		76-UIT-0630-S	17.5								
Urethane on Iron	2000	76-VFR-0630-S	76-VFT-0630-S	17.5									
V-Groove Forged	7000	76-RIR-0825-S		30.0									
Rubber on Iron	680	76-RIR-0825-S		17.5									
8"	2-1/2"	Cast Iron	2000	10-1/2"	76-CIR-0825-S		76-CIT-0825-S	2-15/16"	23.0				
		Durastan	2000		76-DUR-0825-S				15.0				
		Forged Steel	4500		76-FSR-0825-S	76-GTB-0825-S	76-FST-0825-S		25.5				
		GT	2400		76-RIR-0825-S-EHT		76-RIT-0825-S-EHT		15.0				
		Rubber on Iron-EHT	1005		76-UJR-0825-S		76-UIT-0825-S		18.5				
		Urethane on Iron	2000		76-VIR-0825-S	76-VIT-0825-S	18.5						
		V-Groove Iron	3000		76-RIR-0825-S		27.0						
Rubber on Iron	670	76-RIR-0825-S		18.5									
8"	3"	Cast Iron	3000	10-1/2"	76-CIR-0830-S		76-CIT-0830-S	2-15/16"	26.0				
		Durastan	2500		76-DUR-0830-S				16.5				
		Forged Steel	5500		76-FSR-0830-S	76-UIB-0830-S-INF	76-FST-0830-S		26.0				
		Infinity	4000		76-UJR-0830-S		76-UOB-0830-S		20.0				
		Nylatron HD	7000		76-RIR-0830-S-EHT		76-RIT-0830-S-EHT		16.0				
		Omega	1600		76-UJR-0830-S	76-UIT-0830-S	19.0						
		Rubber on Iron-EHT	1260		76-VIR-0830-S	76-VIT-0830-S	19.5						
		Urethane on Iron	2500		76-VFR-0830-S	76-VFT-0830-S	19.5						
		V-Groove	5000		76-RIR-0830-S		26.0						
		V-Groove Forged	6000		76-RIR-0830-S		36.0						
		Rubber on Iron	840		76-RIR-0830-S		19.5						
		10"	2-1/2"		Cast Iron	2500	12-1/2"		76-CIR-1025-S		76-CIT-1025-S	3-3/8"	25.5
					Durastan	2500			76-DUR-1025-S				16.5
Rubber on Iron-EHT	1185			76-RIR-1025-S-EHT	76-RIT-1025-S-EHT	21.5							
Urethane on Iron	2370			76-UJR-1025-S	76-UIT-1025-S	21.5							
Rubber on Iron	790			76-RIR-1025-S	76-RIT-1025-S	21.5							
10"	3"	Cast Iron	4000	12-1/2"	76-CIR-1030-S		76-CIT-1030-S	3-3/8"	23.0				
		Durastan	2900		76-DUR-1030-S				20.0				
		Forged Steel	6000		76-FSR-1030-S	76-GTB-1030-S	76-FST-1030-S		41.0				
		GT	3400		76-UIB-1030-S		76-UOB-1030-S		20.0				
		Infinity	5000		76-NYB-1030-S		76-RAB-1030-S-EHT		23.0				
		Nylatron HD	7000		76-UJR-1030-S	76-RIT-1030-S-EHT	21.0						
		Omega	2000		76-UJR-1030-S	76-UIT-1030-S	22.0						
		Rubber on Aluminum-EHT	1500		76-UJR-1030-S	76-RAT-1030-S-EHT	20.3						
		Rubber on Iron-EHT	1500		76-UJR-1030-S-EHT	76-RIT-1030-S-EHT	22.5						
		Urethane on Iron	3000		76-UJR-1030-S	76-UIT-1030-S	22.5						
		Ultra Thick Urethane	3400		76-UIT-1030-S	76-VIR-1030-S	26.0						
		V-Groove Forged	6000		76-VFR-1030-S	76-VFT-1030-S	48.0						
		V-Groove Iron	5000		76-VIR-1030-S	76-VIT-1030-S	23.0						
		Rubber on Iron	1000		76-RIR-1025-S	76-RIT-1025-S	22.5						
		12"	2-1/2"		Durastan	3000	15-1/2"		76-DUR-1225-S		76-RIT-1225-S	4-5/16"	20.5
Rubber on Iron	900			76-RIR-1225-S	76-RIT-1225-S	23.5							
Urethane on Iron	2700			76-UJR-1225-S	76-UIT-1225-S	23.5							
12"	3"	Cast Iron	5000	15-1/2"	76-CIR-1230-S	76-RAB-1230-S-EHT	76-CIT-1230-S	4-5/16"	32.0				
		Durastan	3500		76-DUR-1230-S		76-RAT-1230-S-EHT		22.5				
		Rubber on Aluminum-EHT	1710		76-RIR-1230-S-EHT		76-RIT-1230-S-EHT		24.5				
		Rubber on Iron-EHT	1710		76-UJR-1230-S	76-UIT-1230-S	26.5						
		Urethane on Iron	3400		76-UJR-1230-S	76-VIR-1230-S	26.5						
		Ultra Thick Urethane	4100		76-VIR-1230-S	76-VIT-1230-S	29.0						
		V-Groove Iron	6000		76-RIR-1030-S	76-RIT-1030-S	43.0						
		Rubber on Iron	1140		76-RIR-1030-S		26.5						

OPTIONS	
CWB	Cam Wheel Brake
DSL	Demountable Swivel Lock
HT	High Temperature Lubrication
LT	Low Temperature Lubrication
PCWB	Poly Cam Wheel Brake
SL	Swivel Lock
SR	Sealed Swivel Raceway
ZP	Zinc Plated
FICWB	Field Installable Cam Wheel Brake



To order a rigid caster, change the "S" to "R" in the model number. For example: "76-CIR-1230-R". To order a rig only, omit the blue letters. For example: "76-1230-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 7,000 POUND CAPACITY

OPTIONAL MOUNTING PLATES			
Optional Top Plate Number	Mounting Plate	Bolt Hole Spacing	Bolt Size
90ST* 90RT	6" x 7"	4-5/8" x 5-1/2" slotted to 4-3/8" x 5-5/8"	1/2"
95ST* 95RT	6" x 7-1/2"	4-1/2" x 6" slotted to 4-1/8" x 6-1/8"	1/2"
75ST** 75RT	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"

* Add 1/8" OAH when using this top plate
** Subtract 1/16" OAH when using this top plate