

75 Series Casters

Heavy Duty Kingpinless™ Casters



75-DUR-1030-S

RWM's 75 Series caster features the patented Kingpinless™ design. The 75 Series is recommended for the most demanding applications and is available with up to 3" wheels for higher capacity applications. All swivel sections are supplied with a lubrication fitting for field maintenance.

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	5/16" formed steel
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	4-1/2" x 6-1/2" x 5/16"
Bolt Hole Spacing	2-7/16" x 4-15/16", slotted to 3-3/8" x 5-1/4"
Mounting Bolt Diameter	1/2"

SPECIFICATIONS

Wheel Diameter	Wheel Width	Wheel Type	lbs. Capacity	Overall Height	Swivel Caster Model Number			Swivel Lead	Approx Weight lbs.				
					Straight Roller Bearing	Ball Bearing	Tapered Roller Bearing						
5"	2-1/2"	Cast Iron	2000	6-1/2"	75-CIR-0525-S		75-CIT-0525-S	1-1/8"	18.0				
		Cast Iron	1800		75-CIR-0625-S		75-CIT-0625-S		17.0				
		Durastan	1600		75-DUR-0625-S				11.5				
		Forged Steel	5000		75-FSR-0625-S		75-FST-0625-S		20.5				
6"	2-1/2"	GT	2300	7-1/2"		75-GTB-0625-S		1-5/16"	11.5				
		Rubber on Iron	540		75-RIR-0625-S				16.5				
		Urethane on Iron	1620		75-UIR-0625-S		75-UIT-0625-S		16.5				
		V-Groove Iron	2500		75-VIR-0625-S		75-VIT-0625-S		16.5				
		Rubber on Iron-EHT	810		75-RIR-0625-S-EHT		75-RIT-0625-S-EHT		16.5				
		Cast Iron	3000		75-CIR-0630-S		75-CIT-0630-S		18.5				
6"	3"	Durastan	2000	7-1/2"	75-DUR-0630-S		75-DUR-0630-S	1-5/16"	12.5				
		Forged Steel	6000		75-FSR-0630-S		75-FST-0630-S		31.0				
		Rubber on Iron-EHT	1020		75-RIR-0630-S-EHT		75-RIT-0630-S-EHT		17.5				
		Solid Urethane	1650		75-SUR-0630-S	75-SUB-0630-S			12.5				
		Urethane on Iron	2000		75-UIR-0630-S		75-UIT-0630-S		17.5				
		V-Groove Forged	6000		75-VFR-0630-S		75-VFT-0630-S		30.0				
		Rubber on Iron	680		75-RIR-0630-S				17.5				
		Cast Iron	2000		75-CIR-0825-S		75-CIT-0825-S		23.0				
		Durastan	2000		75-DUR-0825-S		75-DUR-0825-S		15.0				
		Forged Steel	4500		75-FSR-0825-S		75-FST-0825-S		25.5				
8"	2-1/2"	GT	2400	10-1/8"		75-GTB-0825-S		2"	15.0				
		Rubber on Iron-EHT	1005		75-RIR-0825-S-EHT		75-RIT-0825-S-EHT		18.5				
		Urethane on Iron	1800		75-UIR-0825-S		75-UIT-0825-S		18.5				
		V-Groove Iron	3000		75-VIR-0825-S		75-VIT-0825-S		27.0				
		Rubber on Iron	670		75-RIR-0825-S				18.5				
		Cast Iron	2500		75-CIR-0830-S		75-CIT-0830-S		26.0				
		Durastan	2500		75-DUR-0830-S		75-DUR-0830-S		16.5				
		Forged Steel	5500		75-FSR-0830-S		75-FST-0830-S		26.0				
8"	3"	Rubber on Iron-EHT	1260	10-1/8"	75-RIR-0830-S-EHT		75-RIT-0830-S-EHT	2"	19.5				
		Omega	1600		75-UOR-0830-S		75-UOT-0830-S		19.0				
		Solid Urethane	1650		75-SUR-0830-S	75-SUB-0830-S			16.5				
		Urethane on Iron	2500		75-UIR-0830-S		75-UIT-0830-S		19.5				
		V-Groove Forged	6000		75-VFR-0830-S		75-VFT-0830-S		36.0				
		V-Groove Iron	5000		75-VIR-0830-S		75-VIT-0830-S		26.0				
		Rubber on Iron	840		75-RIR-0830-S				19.5				
		Cast Iron	3000		75-CIR-1025-S		75-CIT-1025-S		25.5				
		Durastan	2500		75-DUR-1025-S		75-DUR-1025-S		16.5				
		10"	2-1/2"		Rubber on Iron-EHT	1185	11-1/2"		75-RIR-1025-S-EHT		75-RIT-1025-S-EHT	2-3/16"	21.5
Urethane on Iron	2370			75-UIR-1025-S		75-UIT-1025-S		21.5					
Rubber on Iron	790			75-RIR-1025-S		75-RIT-1025-S		21.5					
Cast Iron	4000			75-CIR-1030-S		75-CIT-1030-S		23.0					
Durastan	2900			75-DUR-1030-S		75-DUR-1030-S		20.0					
Forged Steel	6000			75-FSR-1030-S		75-FST-1030-S		41.0					
GT	3400				75-GTB-1030-S			20.0					
Omega	2000			75-UOR-1030-S	75-UOB-1030-S	75-UOT-1030-S		20.0					
Rubber on Aluminum	1500			75-RIR-1030-S-EHT	75-RAB-1030-S	75-RIT-1030-S-EHT		20.3					
Rubber on Iron-EHT	1500			75-RIR-1030-S-EHT		75-RIT-1030-S-EHT		22.5					
10"	3"	Solid Urethane	2000	11-1/2"	75-SUR-1030-S	75-SUB-1030-S		2-3/16"	20.0				
		Urethane on Iron	3000		75-UIR-1030-S		75-UIT-1030-S		22.5				
		Ultra Thick Urethane	3400		75-UTR-1030-S		75-UTF-1030-S		25.0				
		V-Groove Forged	6000		75-VFR-1030-S		75-VFT-1030-S		48.0				
		V-Groove Iron	5000		75-VIR-1030-S		75-VIT-1030-S		23.0				
		Rubber on Iron	1000		75-RIR-1030-S		75-RIT-1030-S		22.5				
		Durastan	3000		75-DUR-1225-S		75-DUR-1225-S		20.5				
		12"	2-1/2"		Rubber on Iron	900	13-1/2"		75-RIR-1225-S		75-RIT-1225-S	2-5/8"	23.5
					Urethane on Iron	2700			75-UIR-1225-S		75-UIT-1225-S		23.5
					Cast Iron	5000			75-CIR-1230-S		75-CIT-1230-S		32.0
Durastan	3500			75-DUR-1230-S		75-DUR-1230-S		22.5					
Rubber on Aluminum	1710				75-RAB-1230-S	75-RAT-1230-S		24.5					
Rubber on Iron-EHT	1710			75-RIR-1230-S-EHT		75-RIT-1230-S-EHT		26.5					
Urethane on Iron	3400			75-UIR-1230-S		75-UIT-1230-S		26.5					
Ultra Thick Urethane	4100			75-UTR-1230-S		75-UTF-1230-S		28.0					
V-Groove Iron	6000			75-VIR-1230-S		75-VIT-1230-S		43.0					
Rubber on Iron	1140			75-RIR-1230-S		75-RIT-1230-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: "75-CIR-1030-R". To order a rig only, omit the blue letters. For example: "75-1030-S". Dimensions shown are nominal. If precise dimensions are required, consult your RWM representative. For approximate weight of our rigid caster, deduct 3.9 pounds.

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"
43ST* 43RT	5" x 5-1/2"	4-1/8" x 4-1/2"	3/8"
76ST** 76RT	5-1/4" x 7-1/4"	3-3/8" x 5-1/4" slotted to 4-1/8" x 6-1/8"	1/2"

* Subtract 1/16" OAH when using this top plate
 ** Add 1/16" OAH when using this top plate
 *** Add 3/16" OAH when using this top plate

75 Series Casters
76 Series Casters

UP TO 6,000 POUND CAPACITY