

85 Series Casters

Heavy Duty Kingpinless™ Casters

RWM's 85 Series caster features the patented Kingpinless™ design. The 85 Series offers a capacity up to 10,000 pounds and is available with wheels up to 5" wide for higher capacity ratings.



85-DUR-1230-S

FEATURES	
Raceway Design	Patented Kingpinless™ single ball bearing precision machined raceway hardened to 53 Rockwell C minimum 4-1/4" diameter raceway with 5/8" ball bearings.
Leg Thickness	3/8", 3" wide for 3" wheels, 4" wide for 4" wheels, 5" wide for 5" wheels.
Axle	3/4" bolt and nut for 3" wide, 1" or 1-1/4" bolt and nut for 4" wide, 1-1/4" bolt and nut for 5" wide.
Finish	Laguna Blue paint
Wheels	3" wide wheels are available with either a 1" roller bearing that rotates on a 3/4" x 1" x 3-9/16" hardened and ground spanner bushing or 3/4" tapered bearings that rotate on a 3/4" axle. 4" and 5" wheels are available with either a 1-1/4" I.D. roller bearing which rotates on a hardened and ground spanner bushing or 1-1/4" tapered bearings which rotate on the axle. All wheels are equipped with lubrication fitting.
Mounting Plate Size	6" x 7" x 1/2"
Bolt Hole Spacing	4-5/8" x 5-1/2", slotted to 4-3/8" x 5-5/8"
Mounting Bolt Diameter	1/2"

85 Series Casters
95 Series Casters

UP TO 10,000 POUND CAPACITY

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	Tapered Roller Bearing		
6"	2-1/2"	Forged Steel GT	5000 2300	8-1/2"	85-FSR-0625-S	85-GTB-0625-S	85-FST-0625-S	2"	23.0 17.0
		Cast Iron Durastan	3000 2000		85-CIR-0630-S 85-DUR-0630-S		85-CIT-0630-S		24.0 17.0
6"	3"	Forged Steel	7000	8-1/2"	85-FSR-0630-S	85-RIR-0630-S-EHT	85-FST-0630-S	2"	28.0
		Rubber on Iron-EHT	1020		85-RIR-0630-S-EHT		85-RIT-0630-S-EHT		20.0
		Solid Urethane	1650		85-SUR-0630-S		85-SUB-0630-S		17.0
		Urethane	2000		85-UJR-0630-S		85-UIT-0630-S		23.0
		V-Groove Forged Steel	7000		85-VFR-0630-S		85-VFT-0630-S		32.0
		Rubber on Iron	680		85-RIR-0630-S				20.0
8"	2-1/2"	Forged Steel GT	4500 2400	10-1/2"	85-FST-0825-S	85-GTB-0825-S	85-FST-0825-S	2-1/2"	30.0 21.0
		Rubber on Iron-EHT	1005		85-RIR-0825-S-EHT		85-RIT-0825-S-EHT		23.0
		V-Groove Iron	3000		85-VIR-0825-S		85-VIT-0825-S		27.0
		Rubber on Iron	670		85-RIR-0825-S				23.0
8"	3"	Cast Iron Durastan	3000 2500	10-1/2"	85-CIR-0830-S 85-DUR-0830-S	85-SUB-0830-S	85-CIT-0830-S	2-1/2"	28.0 21.0
		Forged Steel	5500		85-FSR-0830-S		85-FST-0830-S		32.0
		Omega	1600		85-UOR-0830-S		85-UOT-0830-S		26.0
		Rubber on Iron	840		85-RIR-0830-S		85-RIT-0830-S		23.0
		Solid Urethane	1650		85-SUR-0830-S		85-UIT-0830-S		21.0
		Urethane on Iron	2500		85-UJR-0830-S		85-VFT-0830-S		26.0
		V-Groove Forged Steel	6000		85-VFR-0830-S		85-VIT-0830-S		29.0
		V-Groove Iron	5000		85-VIR-0830-S		85-VIT-0830-S		30.0
		Rubber on Iron-EHT	1260		85-RIR-0825-S EHT		85-RIT-0830-S-EHT		23.0
		Cast Iron	4000		85-CIR-0840-S		85-CIT-0840-S		34.0
		Forged Steel	10000		85-FSR-0840-S		85-FST-0840-S		36.0
		Urethane on Iron	3500		85-UJR-0840-S		85-UIT-0840-S		28.0
V-Groove Forged Steel	10000	85-VFR-0840-S	85-VIT-0840-S	36.0					
10"	3"	Cast Iron Durastan	4000 2900	12-1/2"	85-CIR-1030-S 85-DUR-1030-S	85-GTB-1030-S 85-UOB-1030-S 85-RAB-1030-S	85-FST-1030-S	2-9/16"	38.0 25.0
		Forged Steel	6000		85-FSR-1030-S		85-FST-1030-S		39.0
		GT	3400		85-UOR-1030-S		85-UOT-1030-S		25.0
		Omega	2000		85-RIR-1030-S		85-RAT-1030-S		32.0
		Rubber on Aluminum	1500		85-SUR-1030-S		85-RIT-1030-S		26.0
		Rubber on Iron	1000		85-UJR-1030-S		85-UIT-1030-S		28.0
		Solid Urethane	2000		85-UTR-1030-S		85-UIT-1030-S		25.0
		Ultra Thick Urethane	3400		85-UJR-1030-S		85-VFT-1030-S		32.0
		Urethane on Iron	3000		85-VFR-1030-S		85-VIT-1030-S		39.0
		V-Groove Forged Steel	6000		85-VIR-1030-S		85-VIT-1030-S		44.0
		V-Groove Iron	5000		85-RIR-1030-S-EHT		85-RIT-1030-S-EHT		28.0
		Rubber on Iron-EHT	1500		85-FSR-1040-S		85-FST-1040-S		44.0
		Forged Steel	10000		85-RIR-1040-S		85-RIT-1040-S		28.0
		Rubber on Iron	1400		85-UTR-1040-S		85-UIT-1040-S		32.0
Ultra Thick Urethane	4500	85-UJR-1040-S	85-VFT-1040-S	32.0					
Urethane on Iron	4200	85-VFR-1040-S	85-VIT-1040-S	27.0					
Urethane on Iron	5000	85-UJR-1050-S	85-UIT-1050-S	32.0					
12"	3"	Cast Iron Durastan	5000 3500	15-1/2"	85-CIR-1230-S 85-DUR-1230-S	85-RAB-1230-S	85-CIT-1230-S	3-7/8"	41.0 29.0
		Rubber on Aluminum	1710		85-FSR-1230-S		85-FST-1230-S		35.0
		Rubber on Iron	1140		85-RIR-1230-S		85-RIT-1230-S		38.0
		Ultra Thick Urethane	4100		85-UTR-1230-S		85-UIT-1230-S		31.0
		Urethane on Iron	3400		85-UJR-1230-S		85-VFT-1230-S		42.0
		V-Groove Iron	6000		85-VIR-1230-S		85-VIT-1230-S		43.0
		Rubber on Iron-EHT	1710		85-RIR-1230-S-EHT		85-RIT-1230-S-EHT		38.0
		Durastan	4000		85-DUR-1240-S		85-RIT-1240-S		28.0
		Rubber on Iron	1600		85-RIR-1240-S		85-UIT-1240-S		29.0
		Ultra Thick Urethane	5300		85-UTR-1240-S		85-VFT-1240-S		36.0
Urethane on Iron	4800	85-UJR-1240-S	85-VIT-1240-S	29.0					
12"	5"	Rubber on Iron	2050	15-1/2"	85-RIR-1250-S	85-RIT-1250-S	85-RIT-1250-S	3-5/8"	44.0
		Ultra Thick Urethane	6500		85-UJR-1250-S		85-UIT-1250-S		45.0
		Urethane on Iron	6000		85-UJR-1250-S		85-UIT-1250-S		48.0

OPTIONS	
CWB	Cam Wheel Brake
DSL	Demountable Swivel Lock*
HDSL	Heavy Duty Demountable Swivel Lock
HT	High Temperature Lubrication
LT	Low Temperature Lubrication
NY	Notched Yoke
PCWB	Poly Cam Wheel Brake
SL	Swivel Lock
SR	Sealed Swivel Raceway
ZP	Zinc Plate

*When ordering a Demountable Swivel Lock (DSL), you must also order the Notched Yoke (NY).

OPTIONAL MOUNTING PLATES			
Optional Top Plate Number	Mounting Plate	Bolt Hole Spacing	Bolt Size
95ST 95RT	6" x 7-1/2"	4-1/2" x 6" slotted to 4-1/8" x 6-1/8"	1/2"
LLST LLRT	8-1/2" X 11"	7" x 9-3/4"	5/8"
LMST LMRT	8-1/2" X 8-1/2"	7" x 7"	5/8"

To order a rigid caster, change the "S" to "R" in the model number. For example: "85-CIR-0840-R". To order a rig only, omit the blue letters. For example: "85-0840-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.