

2-85 SERIES CASTERS



RWM's 2-85 Series Kingpinless™ Dual Wheel Casters feature all of the benefits of our patented Kingpinless™ raceway and offer twice the capacity load. Dual wheel casters offer high weight capacities with minimal overall heights, better load distribution, floor protection and mobility than single wheel casters. This is a result of spreading the weight over a wider floor area while offering wheel differential action, resulting in less friction between the wheels and the floor, requiring less effort for the caster to swivel. Our 2-85 Series Casters are proudly made in the USA!



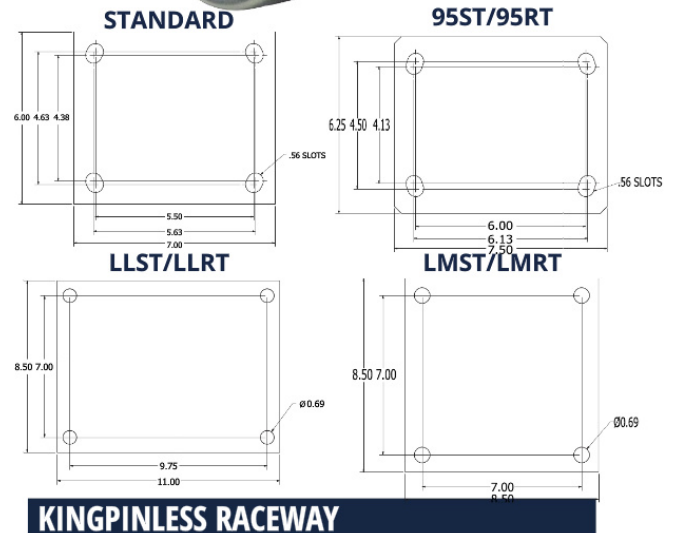
2-85-NYB-0830-S

FEATURES

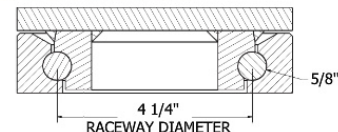
Raceway Design	Patented Kingpinless™ single ball bearing precision machined raceway hardened to 53 Rockwell C minimum. 4-1/4" diameter raceway with 5/8" ball bearings.
Capacity	Up to 10000 lbs.
Leg Thickness	3/8" double welded.
Axle	3/4" bolt and nut for 3" wide, 1" or 1-1/4" bolt and nut for 4" wide, 1-1/4" bolt and nut for 5" wide.
Finish	Laguna blue powder coat.
Wheels	3" wide wheels are available with either a 1" roller bearing that rotates on 3/4" x 1" x 3-9/16" hardened and ground spanner bushings 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 hardened and ground spanner bushings or 1-1/4" tapered bearings which rotate on the axle. All wheels are equipped with lubrication fitting.
Mounting Plate Size	6" x 7"
Bolt Hole Spacing	4-5/8" x 5-1/2", slotted to 4-3/8" to 5-5/8"
Mounting Bolt Diameter	1/2"
Mounting Plate Thickness	1/2"

APPLICATIONS

Tow lines	Boat & ship molding and building
Abusive conditions	Storage tanks & gantries
Automotive	Shock load applications
Aerospace	Production line dollies
Metal fabricating	Heavy machinery
Military equipment	Mobile homes
Tractor pulled trailers	Extreme duty platform trucks
Air cargo & ground support equipment	Heavy duty processing equipment and countless other heavy duty applications



KINGPINLESS RACEWAY



OPTIONS

BRAKES	
CWB	Cam Wheel Brake
PCWB	Poly Cam Wheel Brake
SWIVEL LOCKS	
8 SL	8 Position Swivel Lock
DSL	Demountable Swivel Lock
HDSL	Heavy Duty Demountable Swivel Lock
LSL	L-Type Swivel Lock
SL	Swivel Lock
VSL	Vertical Swivel Lock
LUBRICATIONS	
HT	High Temperature Lubrication
LT	Low Temperature Lubrication
FINISHES	
HTP	High Temperature Paint
ZP	Zinc Plated
GUARDS AND SWEEPERS	
FG	Foot Guard
NY	Notched Yoke
SR	Sealed Raceway
SWP	Sweeper Brush
WS	Wheel Seals

Wheel Diameter	Wheel Width	Capacity lbs.	Wheel Type	Overall Height	Swivel Caster Model Numbers			Swivel Lead	Approx Weight lbs.
					Straight Roller Bearing	Ball Bearing	Tapered Bearing		
6"	3"	4000	Durastan	8-1/2"	2-85-DUR-0630-S			1-9/16"	24
		4000	Solid Urethane	8-1/2"		2-85-MUB-0630-S		1-9/16"	24
		4000	Urethane on Iron	8-1/2"	2-85-UIR-0630-S		2-85-UIT-0630-S	1-9/16"	33
		6000	Cast Iron	8-1/2"	2-85-CIR-0630-S		2-85-CIT-0630-S	1-9/16"	39
		10000	Forged Steel	8-1/2"	2-85-FSR-0630-S		2-85-FST-0630-S	1-9/16"	55
		10,000	Nylatron HD	8-1/2"		2-85-NYB-0630-S		1-9/16"	23
8"	3"	1680	Rubber On Iron	10-1/2"	2-85-RIR-0830-S			2"	50
		3200	Omega	10-1/2"	2-85-UOR-0830-S		2-85-UOT-0830-S	2"	52
		3360	Rubber on Iron-EHT	10-1/2"	2-85-RIR-0830-S-EHT		2-85-RIT-0830-S-EHT	2"	50
		5000	Durastan	10-1/2"	2-85-DUR-0830-S			2"	28
		5000	Solid Urethane	10-1/2"		2-85-MUB-0830-S		2"	28
		5000	Urethane on Iron	10-1/2"	2-85-UIR-0830-S		2-85-UIT-0830-S	2"	52
		6000	Cast Iron	10-1/2"	2-85-CIR-0830-S		2-85-CIT-0830-S	2"	49
		10000	Forged Steel	10-1/2"	2-85-FSR-0830-S		2-85-FST-0830-S	2"	56
		10000	Nylatron HD	10-1/2"		2-85-NYB-0830-S		2"	29
		7000	Urethane on Iron	10-1/2"	2-85-UIR-0840-S		2-85-UIT-0840-S	2"	64
8"	4"	8000	Cast Iron	10-1/2"	2-85-CIR-0840-S		2-85-CIT-0840-S	2"	68
		10000	Forged Steel	10-1/2"	2-85-FSR-0840-S		2-85-FST-0840-S	2"	88
10"	3"	2000	Rubber On Iron	12-1/2"	2-85-RIR-1030-S		2-85-RIT-1030-S	2-1/2"	54
		4000	Omega	12-1/2"	2-85-UOR-1030-S		2-85-UOT-1030-S	2-1/2"	61
		4000	Rubber on Aluminum-EHT	12-1/2"		2-85-RAB-1030-S-EHT	2-85-RAT-1030-S-EHT	2-1/2"	61
		4000	Rubber on Iron-EHT	12-1/2"	2-85-RIR-1030-S-EHT		2-85-RIT-1030-S-EHT	2-1/2"	54
		5800	Durastan	12-1/2"	2-85-DUR-1030-S			2-1/2"	31
		6000	Solid Urethane	12-1/2"		2-85-MUB-1030-S		2-1/2"	31
		6000	Urethane on Iron	12-1/2"	2-85-UIR-1030-S		2-85-UIT-1030-S	2-1/2"	61
		6800	GT	12-1/2"		2-85-GTB1030-S		2-1/2"	45
		6800	Ultra Thick Urethane	12-1/2"	2-85-UTR-1030-S		2-85-UTT-1030-S	2-1/2"	64
		8000	Cast Iron	12-1/2"	2-85-CIR-1030-S		2-85-CIT-1030-S	2-1/2"	74
		10000	Forged Steel	12-1/2"	2-85-FSR-1030-S		2-85-FST-1030-S	2-1/2"	76
		10000	Nylatron HD	12-1/2"		2-85-NYB1030-S		2-1/2"	46
		8400	Urethane on Iron	12-1/2"	2-85-UIR-1040-S		2-85-UIT-1040-S	2-1/2"	76
		9000	Ultra Thick Urethane	12-1/2"	2-85-UTR-1040-S		2-85-UTT-1040-S	2-1/2"	76
10"	4"	10000	Cast Iron	12-1/2"	2-85-CIR-1040-S		2-85-CIT-1040-S	2-1/2"	116
		10000	Forged Steel	12-1/2"	2-85-FSR-1040-S		2-85-FST-1040-S	2-1/2"	110
		2280	Rubber On Iron	15-1/2"	2-85-RIR-1230-S		2-85-RIT-1230-S	3-3/8"	83
		4560	Rubber on Aluminum-EHT	15-1/2"		2-85-RAB-1230-S-EHT	2-85-RAT-1230-S-EHT	3-3/8"	88
12"	3"	4560	Rubber on Iron-EHT	15-1/2"	2-85-RIR-1230-S-EHT		2-85-RIT-1230-S-EHT	3-3/8"	83
		6800	Urethane on Iron	15-1/2"	2-85-UIR-1230-S		2-85-UIT-1230-S	3-3/8"	88
		7000	Durastan	15-1/2"	2-85-DUR-1230-S			3-3/8"	34
		8200	Ultra Thick Urethane	15-1/2"	2-85-UTR-1230-S		2-85-UTT-1230-S	3-3/8"	101
		10000	Cast Iron	15-1/2"	2-85-CIR-1230-S		2-85-CIT-1230-S	3-3/8"	83
12"	4"	9600	Urethane on Iron		2-85-UIR-1240-S		2-85-UIT-1240-S	3-3/8"	96
		10000	Ultra Thick Urethane	15-1/2"	2-85-UTR-1240-S		2-85-UTT-1240-S	3-3/8"	106
12"	5"	10000	Ultra Thick Urethane	15-1/2"	2-85-UTR-1250-S		2-85-UTT-1250-S	3-3/8"	155
		10000	Urethane on Iron		2-85-UIR-1250-S		2-85-UIT-1250-S	3-3/8"	155
12"	6"	10000	Urethane on Iron	15-1/2"	2-85-UIR-1260-S		2-85-UIT-1260-S	3-3/8"	180
14"	3"	9600	Ultra Thick Urethane	16-1/2"	2-85-UTR-1430-S		2-85-UTT-1430-S	3-13/16"	126
14"	4"	10000	Ultra Thick Urethane	16-1/2"	2-85-UTR-1440-S		2-85-UTT-1440-S	3-13/16"	156
14"	5"	10000	Ultra Thick Urethane	16-1/2"	2-85-UTR-1450-S		2-85-UTT-1450-S	3-13/16"	170
14"	6"	10000	Urethane on Iron	16-1/2"	2-85-UIR-1460-S		2-85-UIT-1460-S	3-13/16"	178
16"	3"	8000	Durastan	18-1/2"	2-85-DUR-1630-S			4"	89
		9200	Urethane on Iron		2-85-UIR-1630-S		2-85-UIT-1630-S	4"	115
		10000	Ultra Thick Urethane		2-85-UTR-1630-S		2-85-UTT-1630-S	4"	94
16"	4"	10000	Ultra Thick Urethane	18-1/2"	2-85-UTR-1640-S		2-85-UTT-1640-S	4"	165
		10000	Urethane on Iron		2-85-UIR-1640-S		2-85-UIT-1640-S	4"	165
16"	5"	10000	Ultra Thick Urethane	18-1/2"	2-85-UTR-1650-S		2-85-UTT-1650-S	4"	205
		10000	Urethane on Iron		2-85-UIR-1650-S		2-85-UIT-1650-S	4"	185

To order a rigid caster, change the "S" to "R" in the model number. For example: "2-85-CIR-1040-R". To order rig only, omit the blue letters. For example: "2-85-1040-S". Dimensions shown are nominal. If precise dimensions are required, consult your RWM representative. For approximate weight of our rigid casters, deduct 5.4 pounds per item.