

75 Series Casters

Heavy Duty Kingpinless™ Casters

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. The 75 series is case hardened to provide long service. It will not crack like through hardened or induction hardened construction provided by other caster manufacturers.



75-DUR-1030-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 | 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 | |
|----------------|-------------|---|------------------------------|----------------|---|-------------------|------------------------|-------------|------------------------------|------|
| | | | | | 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 Durastan Forged Steel GT | 1800 1600 5000 2300 | | 75-CIR-0625-S 75-DUR-0625-S 75-FSR-0625-S | | 75-CIT-0625-S | | 17.0 11.5 20.5 11.5 | |
| 6" | 2-1/2" | Rubber on Iron | 540 | 7-1/2" | 75-RIR-0625-S | 75-GTB-0625-S | | 1-5/16" | 16.5 | |
| | | Urethane on Iron | 1620 | | 75-UOR-0625-S | | | | 16.5 | |
| | | V-Groove Iron | 2500 | | 75-VIR-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-NYB-0630-S | | 1-5/16" | 12.5 | |
| | | Forged Steel | 6000 | | 75-FSR-0630-S | | | | 75-FST-0630-S | 31.0 |
| | | Nylatron HD | 2600 | | 75-RIR-0630-S-EHT | | | | 75-RIT-0630-S-EHT | 12.5 |
| | | Rubber on Iron-EHT | 1020 | | 75-UOR-0630-S | | | | 75-UOT-0630-S | 17.5 |
| | | Urethane on Iron | 2000 | | 75-UOR-0630-S | | | | 75-UOT-0630-S | 17.5 |
| 8" | 2-1/2" | V-Groove Forged | 6000 | 10-1/8" | 75-VFR-0630-S | | 75-VFT-0630-S | 2" | 30.0 | |
| | | Rubber on Iron | 680 | | 75-RIR-0630-S | | 75-RIT-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" | 3" | GT | 2400 | 10-1/8" | 75-GTB-0825-S | 75-NYB-0830-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-UOR-0825-S | | | | 75-UOT-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 | | | | 75-RIT-0825-S | 18.5 |
| 10" | 2-1/2" | Cast Iron | 2500 | 11-1/2" | 75-CIR-0830-S | | 75-CIT-0830-S | 2-3/16" | 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 | |
| | | Infinity | 4000 | | 75-UOR-0830-S | | 75-UOT-0830-S | | 20.0 | |
| | | Nylatron HD | 6000 | | 75-NYB-0830-S | | 75-NYB-0830-S | | 16.0 | |
| 10" | 3" | Rubber on Iron-EHT | 1260 | 11-1/2" | 75-RIR-0830-S-EHT | 75-RAB-1030-S-EHT | | 2-3/16" | 19.5 | |
| | | Omega | 1600 | | 75-UOR-1030-S | | | | 75-UOT-1030-S | 19.0 |
| | | Urethane on Iron | 2500 | | 75-UOR-1030-S | | | | 75-UOT-1030-S | 19.5 |
| | | V-Groove Forged | 6000 | | 75-VFR-1030-S | | | | 75-VFT-1030-S | 36.0 |
| | | V-Groove Iron | 5000 | | 75-VIR-1030-S | | | | 75-VIT-1030-S | 26.0 |
| 10" | 2-1/2" | Rubber on Iron | 840 | 11-1/2" | 75-RIR-1030-S | | 75-RIT-1030-S | 2-3/16" | 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 | |
| | | Rubber on Iron-EHT | 1185 | | 75-RIR-1025-S-EHT | | 75-RIT-1025-S-EHT | | 21.5 | |
| | | Urethane on Iron | 2370 | | 75-UOR-1025-S | | 75-UOT-1025-S | | 21.5 | |
| 12" | 2-1/2" | Rubber on Iron | 790 | 13-1/2" | 75-RIR-1025-S | | 75-RIT-1025-S | 2-5/8" | 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 | | 75-GTB-1030-S | | 20.0 | |
| 12" | 3" | Infinity | 5000 | 13-1/2" | 75-UOR-1030-S | | 75-UOT-1030-S | 2-5/8" | 23.0 | |
| | | Nylatron HD | 6000 | | 75-NYB-1030-S | | 75-NYB-1030-S | | 21.0 | |
| | | Omega | 2000 | | 75-UOR-1030-S | | 75-UOT-1030-S | | 20.0 | |
| | | Rubber on Aluminum-EHT | 1500 | | 75-RIR-1030-S-EHT | | 75-RIT-1030-S-EHT | | 20.3 | |
| | | Rubber on Iron-EHT | 1500 | | 75-RIR-1030-S-EHT | | 75-RIT-1030-S-EHT | | 22.5 | |
| 12" | 2-1/2" | Urethane on Iron | 3000 | 13-1/2" | 75-UOR-1030-S | | 75-UOT-1030-S | 2-5/8" | 22.5 | |
| | | Ultra Thick Urethane | 3400 | | 75-UTR-1030-S | | 75-UTR-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 | |
| 12" | 3" | Durastan | 3000 | 13-1/2" | 75-DUR-1225-S | | 75-DUR-1225-S | 2-5/8" | 20.5 | |
| | | Rubber on Iron | 900 | | 75-RIR-1225-S | | 75-RIT-1225-S | | 23.5 | |
| | | Urethane on Iron | 2700 | | 75-UOR-1225-S | | 75-UOT-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 | |
| 12" | 2-1/2" | Rubber on Aluminum-EHT | 1710 | 13-1/2" | 75-RIR-1230-S-EHT | | 75-RIT-1230-S-EHT | 2-5/8" | 24.5 | |
| | | Rubber on Iron-EHT | 1710 | | 75-RIR-1230-S-EHT | | 75-RIT-1230-S-EHT | | 26.5 | |
| | | Urethane on Iron | 3400 | | 75-UOR-1230-S | | 75-UOT-1230-S | | 26.5 | |
| | | Ultra Thick Urethane | 4100 | | 75-UTR-1230-S | | 75-UTR-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

UP TO 6,000 POUND CAPACITY