



1225 Isley Road, Gastonia, NC 28052  
Phone: [800-634-7704](tel:800-634-7704) Fax: 800-253-6634  
[www.rwmcasters.com](http://www.rwmcasters.com)

# Pneumatic Casters



RWM's Pneumatic Casters are designed for applications that require a cushioned ride, including but not limited to carts and trucks carrying sensitive materials and parts, glass, ceramics, electronics, chemicals, sound and lighting equipment, movie production equipment (ie: cameras), etc. Pneumatic casters are also useful on uneven floors and outdoor environments.



76-FNR-1648-S-FCWB



2-125-FNT-2169-S

## Features

### 46 SERIES

**Swivel Section:** Cold formed top plate, yoke and button are all heat treated to prevent brinelling, improve swivel action and increase service life. Load and thrust bearings are hardened and ground and rotate on hardened raceways. All swivel sections are equipped with a lubrication fitting for field maintenance. Notched yokes are standard. Zinc plated finish to protect from corrosion.

### 65 SERIES

**Raceway Design:** Patented Kingpinless™ single ball bearing precision machined raceway, to 53 Rockwell C minimum, lube fittings for swivel bearings and for wheel bearings. Swivel section features a 2-3/8" diameter raceway with 3/8" ball bearings. Notched yokes are standard. Zinc plated finish to protect from corrosion.

### 76 SERIES

**Raceway Design:** Patented Kingpinless™ single ball bearing precision machined raceway hardened to 53 Rockwell C minimum. Swivel section features a 3" diameter raceway with 1/2" ball bearings. Lube fittings for swivel bearings and wheel bearings. Notched yokes are standard. Laguna blue powder coat finish.

### 95 SERIES

**Raceway Design:** 4-1/2" diameter raceway with 3/4" diameter carbon steel balls. Precision machined and hardened to 53 Rockwell C minimum. Load and thrust are accommodated by our patented Kingpinless™ design. Sealed raceway is standard. Swivel Top Plate - SAE 1045 hot steel forging. Swivel Yoke Base - SAE 1045 hot steel forging. Laguna blue powder coat finish.

### 125 SERIES

**Raceway Design:** Patented Kingpinless™ single ball bearing precision machined raceway hardened to 53 Rockwell C minimum. 7" diameter raceway with 3/4" diameter ball bearings. Laguna blue powder coat finish.

## Applications

Other applications for Pneumatic Casters may include luggage carts, platform trucks, material handling carts, warehouse and factory applications, job site tool boxes, security cages, stock carts, shelf trucks, mobile storage racks, etc.

## Options

**CWB:** Cam Wheel Brake

**DSL:** Demountable Swivel Lock - When ordering the Demountable Swivel Lock (DSL), also order the Notched Yoke (NY).  
**HDSL:** Heavy-Duty Threaded Swivel Lock  
**NY:** Notched Yoke Base  
**PCWB:** Poly Cam Wheel Brake  
**SL:** Swivel Lock  
**SR:** Sealed Swivel Raceway  
**ZP:** Zinc Plated  
**FG:** Foot Guard

## Optional Mounting Plates

| Optional Top Plate Number | Mounting Plate  | Bolt Hole Spacing                             | Bolt Size |
|---------------------------|-----------------|---|-----------|
| 41ST (for 46 & 65 SERIES) | 4" x 5"         | 2-5/8" x 3-5/8" slotted to 3" x 4"            | 3/8"      |
| LLST (for 125 SERIES)     | 8-1/2" x 11"    | 7" x 9-3/4"                                   | 5/8"      |
| LLRT (for 125 SERIES)     | 8-1/2" x 11"    | 7" x 9-3/4"                                   | 5/8"      |
| 41RT (for 46 & 65 SERIES) | 4" x 5"         | 2-5/8" x 3-5/8" slotted to 3" x 4"            | 3/8"      |
| 42ST (for 46 & 65 SERIES) | 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"      |
| 43ST (for 46 & 65 SERIES) | 5" x 5-1/2"     | 4-1/8" x 4-1/2"                               | 3/8"      |
| 90ST* (for 76 SERIES)     | 6" x 7"         | 4-5/8" x 5-1/2" slotted to 4-3/8" x 5-5/8"    | 1/2"      |
| 90RT (for 76 SERIES)      | 6" x 7"         | 4-5/8" x 5-1/2" slotted to 4-3/8" x 5-5/8"    | 1/2"      |
| 95ST* (for 76 SERIES)     | 6" x 7-1/2"     | 4-1/2" x 6" slotted to 4-1/8" x 6-1/8"        | 1/2"      |
| 95RT (for 76 SERIES)      | 6" x 7-1/2"     | 4-1/2" x 6" slotted to 4-1/8" x 6-1/8"        | 1/2"      |
| 75ST** (for 76 SERIES)    | 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" to caster overall height when using this top plate.

\*\*Deduct 1/16" to caster overall height when using this top plate.

\*\*\* 6 ply

\*\*\*\* 10 ply

4 ply is standard. Maintain proper air pressure for best results. Capacity rating is for manual operation. For capacities of power moved loads, larger diameter or higher capacity wheels, please consult the factory.

## Specifications

| Wheel Diameter | Wheel Width | Wheel Type   | lbs. Capacity | Overall Height | Straight Roller Bearing | Ball Bearing    | Tapered Roller Bearing | Swivel Lead | Approx Weight |
|----------------|-------------|--------------|---------------|----------------|-------------------------|-----------------|------------------------|-------------|---------------|
| 8"             | 2.80/4"     | FN Pneumatic | 300           | 11"            | 46-FNR-0828-S           | 46-FNB-0828-S   |                        | 2-5/8"      | 9.5           |
| 8"             | 2.80/4"     | FN Pneumatic | 300           | 11"            | 65-FNR-0828-S           | 65-FNB-0828-S   |                        | 2-5/8"      | 13            |
| 8"             | 2.80/4"     | FN Pneumatic | 600           | 11"            | 2-65-FNR-0828-S         | 2-65-FNB-0828-S |                        | 2-5/8"      | 20            |
| 10"            | 4.10/4"     | FN Pneumatic | 480           | 13"            | 46-FNR-1041-S           | 46-FNB-1041-S   |                        | 3-1/4"      | 11            |
| 10"            | 4.10/4"     | FN Pneumatic | 480           | 13"            | 65-FNR-1041-S           | 65-FNB-1041-S   | 65-FNT-1041-S          | 3-1/4"      | 14.5          |
| 10"            | 4.10/4"     | FN Pneumatic | 960           | 13"            | 2-65-FNR-1041-S         | 2-65-FNB-1041-S | 2-65-FNT-1041-S        | 3-1/4"      | 22            |
| 12"            | 4.10/6"     | FN Pneumatic | 500           | 15-1/2"        | 46-FNR-1241-S           | 46-FNB-1241-S   |                        | 3-1/2"      | 14.5          |
| 12"            | 4.10/6"     | FN Pneumatic | 500           | 15-1/2"        | 65-FNR-1241-S           | 65-FNB-1241-S   | 65-FNT-1241-S          | 3-1/2"      | 15            |
| 12"            | 4.10/6"     | FN Pneumatic | 1000          | 15-1/2"        | 2-76-FNR-1241-S         | 2-76-FNB-1241-S | 2-76-FNT-1241-S        | 3-1/2"      | 35            |
| 14"            | 5.30/6"     | FN Pneumatic | 870           | 17-3/4"        | 76-FNR-1448-S           | 76-FNB-1448-S   | 76-FNT-1448-S          | 4-1/2"      | 28            |
| 14"            | 5.30/6"     | FN Pneumatic | 1740          | 17-3/4"        | 2-76-FNR-1448-S         | 2-76-FNB-1448-S | 2-76-FNT-1448-S        | 4-1/2"      | 41            |
| 16"            | 4.80/8"     | FN Pneumatic | 1000          | 19-1/8"        | 76-FNR-1648-S           |                 | 76-FNT-1648-S          | 4-1/2"      | 35            |
| 16"            | 4.80/8"     | FN Pneumatic | 1230          | 19-1/8"        |                         |                 | 95-FNT-1648-S***       | 4"          | 45            |
| 16"            | 4.80/8"     | FN Pneumatic | 2000          | 19-1/8"        | 2-76-FNR-1648-S         |                 | 2-76-FNT-1648-S        | 4-1/2"      | 53            |
| 16"            | 4.80/8"     | FN Pneumatic | 2460          | 19-1/8"        |                         |                 | 2-95-FNT-1648-S***     | 4"          | 45            |
| 18"            | 5.70/8"     | FN Pneumatic | 1170          | 21-1/4"        | 76-FNR-1857-S           |                 | 76-FNT-1857-S          | 5"          | 40            |
| 18"            | 5.70/8"     | FN Pneumatic | 2340          | 21-1/4"        | 2-76-FNR-1857-S         |                 | 2-76-FNT-1857-S        | 5"          | 60            |
| 18"            | 5.70/8"     | FN Pneumatic | 1560          | 21-1/2"        | 95-FNR-1857-S***        |                 | 95-FNT-1857-S***       | 4-1/2"      | 55            |
| 18"            | 5.70/8"     | FN Pneumatic | 3120          | 21-1/2"        | 2-95-FNR-1857-S***      |                 | 2-95-FNT-1857-S***     | 4-1/2"      | 82            |
| 21"            | 6.90/9"     | FN Pneumatic | 2420          | 24-1/4"        |                         |                 | 125-FNT-2169-S****     | 5"          | 84.5          |
| 21"            | 6.90/9"     | FN Pneumatic | 4840          | 24-1/4"        |                         |                 | 2-125-FNT-2169-S****   | 5"          | 130           |
| 23"            | 6.50/10"    | FN Pneumatic | 2775          | 26-1/4"        |                         |                 | 125-FNT-2365-S****     | 5"          | 87            |
| 23"            | 6.50/10"    | FN Pneumatic | 5550          | 26-1/4"        |                         |                 | 2-125-FNT-2365-S****   | 5"          | 135           |
| 25"            | 7.50/10"    | FN Pneumatic | 3630          | 28-3/4"        |                         |                 | 125-FNT-2575-S****     | 5"          | 90.5          |

25" 7.50/10" FN Pneumatic 7260 28-3/4"

2-125-FNT-2575-S\*\*\*\* 5" 140

To order a rigid caster, change the "S" to "R" in the model number. For example: "76-FNR-1857-R". To order rig only, omit the blue letters. For example: "76--1857-S". Dimensions shown are nominal. If precise dimensions are required, consult your RWM representative. For approximate weight of our rigid casters, deduct 9.6 pounds per item.

\*Add 1/8" to caster overall height when using this top plate.

\*\*Deduct 1/16" to caster overall height when using this top plate.

\*\*\* 6 ply

\*\*\*\* 10 ply

4 ply is standard. Maintain proper air pressure for best results. Capacity rating is for manual operation. For capacities of power moved loads, larger diameter or higher capacity wheels, please consult the factory.