

# 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

## 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.

### 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.

### 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.

### 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.

### 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.

## Options

- CWB** Cam Wheel Brake (for 8" & 10" wheel only)
- DSL** Demountable Swivel Lock\*
- FCWB** Face Contact Wheel Brake For Larger Sizes
- FF** Foam Fill Tire
- FG** Foot Guard
- HDSL** Heavy-Duty Threaded Swivel Lock
- NY** Notched Yoke
- PCWB** Poly Cam Brake
- SL** Swivel Lock
- SR** Sealed Swivel Raceway
- ZP** Zinc Plating

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

## 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.

### OPTIONAL MOUNTING PLATES

Prefix/ Top Plate Number	Mounting Plate	Bolt Hole Spacing	Bolt Size
<b>46 &amp; 65 SERIES</b>			
41ST 41RT	4" x 5"	2-5/8" x 3-5/8" slotted to 3" x 4"	3/8"
42ST	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	5" x 5-1/2"	4-1/8" x 4-1/2"	3/8"
<b>76 SERIES</b>			
90ST* 90RT	6" x 7"	4-5/8" x 5-1/2" slotted to 4-3/8" x 5-5/8"	1/2"
95ST* 95RT	6" x 7-1/2"	4-1/2" x 6" slotted to 4-1/8" x 6-1/8"	1/2"
75ST**	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"
<b>125 SERIES</b>			
LLST LLRT	8-1/2" x 11"	7" x 9-3/4"	5/8"

UP TO 7,260 POUND CAPACITY

# Pneumatic Casters

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		
8"	2.80/4"	FN Pneumatic	300	11"	46-FNR-0828-S	46-FNB-0828-S		2-5/8"	9.5
			300		65-FNR-0828-S	65-FNB-0828-S			13.0
			600		2-65-FNR-0828-S	2-65-FNB-0828-S			20.0
10"	4.10/4"	FN Pneumatic	480	13"	46-FNR-1041-S	46-FNB-1041-S		3-1/4"	11.0
			480		65-FNR-1041-S	65-FNB-1041-S	65-FNT-1041-S		14.5
			960		2-65-FNR-1041-S	2-65-FNB-1041-S	2-65-FNT-1041-S		22.0
12"	4.10/6"	FN Pneumatic	500	15-1/2"	46-FNR-1241-S	46-FNB-1241-S		3-1/2"	14.5
			500		65-FNR-1241-S	65-FNB-1241-S	65-FNT-1241-S		15.0
			1000		2-76-FNR-1241-S	2-76-FNB-1241-S	2-76-FNT-1241-S		35.0
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"	28.0
			1740		2-76-FNR-1448-S	2-76-FNB-1448-S	2-76-FNT-1448-S		41.0
16"	4.80/8"	FN Pneumatic	1000	19-1/8"	76-FNR-1648-S		76-FNT-1648-S	4-1/2"	35.0
			1230				95-FNT-1648-S***	4"	45.0
			2000		2-76-FNR-1648-S		2-76-FNT-1648-S	4-1/2"	53.0
			2460				2-95-FNT-1648-S****	4"	45.0
18"	5.70/8"	FN Pneumatic	1170	21-1/4"	76-FNR-1857-S		76-FNT-1857-S	5"	40.0
			2340		2-76-FNR-1857-S		2-76-FNT-1857-S		60.0
			1560	21-1/2"	95-FNR-1857-S***		95-FNT-1857-S***	4-1/2"	55.0
			3120		2-95-FNR-1857-S***		2-95-FNT-1857-S***		82.0
21"	6.90/9"	FN Pneumatic	2420	24-1/4"			125-FNT-2169-S****	5"	84.5
			4840				2-125-FNT-2169-S****		130
23"	6.50/10"	FN Pneumatic	2775	26-1/4"			125-FNT-2365-S****	5"	87.0
			5550				2-125-FNT-2365-S****		135.0
25"	7.50/10"	FN Pneumatic	3630	28-3/4"			125-FNT-2575-S****	5"	90.5
			7260				2-125-FNT-2575-S****		140.0

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.

STANDARD MOUNTING PLATES			
Series/Prefix	Mounting Plate	Bolt Hole Spacing	Bolt Size
46 & 65	4" x 4-1/2"	2-5/8" x 3-5/8" slotted to 3" x 3"	3/8"
76	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"
95	6-1/4" x 7-1/2" (swivel) 6" x 7-1/2" (rigid)	4-1/2" x 6" slotted to 4-1/8" x 6-1/8"	1/2"
125	8-1/2" x 8-1/2"	7" x 7"	5/8"

\*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.

UP TO 7,260 POUND CAPACITY