

RWM Cast Iron Wheels are made of much stronger material than inexpensive semi-steel wheels offered by many other wheel manufacturers. These cast iron wheels can withstand high temperatures and exposure to water or the environment. They will rust over time. Cast iron wheels can also withstand exposure to chemicals, grease, oils, etc.

## Features

**Wheel Bearing:** Choice of straight roller, annular ball, tapered, celcon or plain

**Temperature Range:** -40° to +800°F

**Retaining Washers:** All wheels 1-1/2" and wider with roller bearings are equipped with a metal thrust/retainer washer

**Finish:** Painted

**Bores:** Special sizes available upon request

**Lubrication:** All wheels 1-1/4", 1-1/2", and 2" wide are generally lubricated through the hollow axle. Lubrication fittings can be installed on the hub upon request on most of these wheels. 2-1/2" and wider wheels are supplied with a lubrication fitting on the hub.



## Applications

RWM Cast Iron Wheels are exceptionally long wearing, provide excellent resistance to shock and are a good choice for heavy loads in manufacturing and warehousing, especially on rough concrete, wood block and other rough surface conditions.

## Options

- TG** Thread Guard on 1-1/4", 1-1/2", 2" tread wheels
- WS** Wheel Seals
- ZF** Zerk Fitting

**4", 5", 6" and 8" diameter, 2" wheels are solid hub.**

## SPECIFICATIONS

| Wheel Diameter | Wheel Width | Capacity lbs. | Axle Diameter | Straight Roller Bearing | Ball Bearing | Tapered Roller Bearing | Plain, Oilite, Celcon Bearing | Hub Length | Approx Weight |
|----------------|-------------|---------------|---------------|-------------------------|--------------|------------------------|-------------------------------|------------|---------------|
| 3"             | 1-1/4"      | 300           | 5/16"         |                         | CIB-0312-05  |                        | CIP-0312-05                   | 1-15/32"   | 1.5           |
|                |             |               | 3/8"          |                         |              | CIP-0312-06            |                               |            |               |
|                |             |               | 1/2"          |                         |              | CIP-0312-08            |                               |            |               |
| 3 1/4"         | 1 1/2"      | 400           | 3/8"          |                         | CIB-0315-06  |                        |                               | 1-7/8"     | 2.0           |
|                |             |               | 1/2"          | CIR-3215-08             |              | CIO-3215-08            |                               |            |               |
| 3 1/4"         | 1 1/2"      | 400           | 5/8"          | CIR-3215-10             |              |                        | CIO-3215-10                   | 1-7/8"     | 3.0           |
|                |             |               | 3/4"          | CIR-3215-12             |              |                        | CIO-3215-12                   |            |               |
|                |             |               | 3/8"          |                         |              |                        | CIP-3512-06                   |            |               |
| 3-1/2"         | 1-1/4"      | 300           | 3/8"          |                         |              |                        |                               | 1-15/32"   | 1.4           |
|                |             |               | 5/16"         |                         | CIB-0412-05  |                        |                               |            |               |
| 4"             | 1-1/4"      | 500           | 3/8"          |                         |              |                        | CIP-0412-06                   | 1-7/16"    | 1.9           |
|                |             |               | 1/2"          | CIR-0415-06             | CIB-0415-06  |                        | CIC-0415-06                   |            |               |
| 4"             | 1-1/2"      | 500           | 1/2"          | CIR-0415-08             | CIB-0415-08  |                        | CIC-0415-08                   | 1-7/8"     | 3.2           |
|                |             |               | 5/8"          | CIR-0415-10             |              |                        | CIC-0415-10                   |            |               |
|                |             |               | 3/4"          | CIR-0415-12             |              |                        | CIC-0415-12                   |            |               |
|                |             |               | 1/2"          | CIR-0420-08             | CIB-0420-08  |                        | CIC-0420-08                   |            |               |
| 4"             | 2"          | 800           | 5/8"          | CIR-0420-10             |              |                        | CIC-0420-10                   | 2-7/16"    | 3.3           |
|                |             |               | 3/4"          | CIR-0420-12             |              |                        | CIC-0420-12                   |            |               |
|                |             |               | 3/4"          | CIR-0430-12             |              | CIT-0430-12            |                               |            |               |
| 4"             | 3"          | 2000          | 1"            | CIR-0430-16             |              | CIT-0430-16            |                               | 3-1/2"     | 8.0           |
|                |             |               | 3/4"          | CIR-4525-12             |              | CIT-4525-12            |                               |            |               |
| 4-1/2"         | 2-1/2"      | 1500          | 1"            | CIR-4525-16             |              |                        |                               | 3-1/2"     | 8.1           |
|                |             |               | 3/4"          | CIR-4525-20             |              |                        |                               |            |               |
|                |             |               | 1-1/4"        |                         |              |                        |                               |            |               |

UP TO 10,000 POUND CAPACITY

| Wheel Diameter | Wheel Width | Capacity lbs. | Axle Diameter | Straight Roller Bearing | Ball Bearing | Tapered Roller Bearing | Plain, Oilite, Celcon Bearing | Hub Length | Approx Weight |
|----------------|-------------|---------------|---------------|-------------------------|--------------|------------------------|-------------------------------|------------|---------------|
| 5"             | 1-1/2"      | 600           | 3/8"          | CIR-0515-06             | CIB-0515-06  |                        | CIC-0515-06                   | 1-7/8"     | 4.0           |
|                |             |               | 1/2"          | CIR-0515-08             | CIB-0515-08  |                        | CIC-0515-08                   |            |               |
|                |             |               | 5/8"          | CIR-0515-10             |              |                        | CIC-0515-10                   |            |               |
|                |             |               | 3/4"          | CIR-0515-12             |              |                        | CIC-0515-12                   |            |               |
| 5"             | 2"          | 1000          | 1/2"          | CIR-0520-08             | CIB-0520-08  |                        | CIC-0520-08                   | 2-7/16"    | 4.7           |
|                |             |               | 5/8"          | CIR-0520-10             | CIB-0520-10  |                        | CIC-0520-10                   |            |               |
|                |             |               | 3/4"          | CIR-0520-12             | CIB-0520-12  |                        | CIC-0520-12                   |            |               |
| 5"             | 2-1/2"      | 2000          | 3/4"          | CIR-0525-12             |              | CIT-0525-12            |                               | 3-1/2"     | 8.0           |
|                |             |               | 1"            | CIR-0525-16             |              | CIT-0525-16            |                               |            |               |
|                |             |               | 1"            | CIR-0525-16-SI          |              |                        |                               |            |               |
|                |             |               | 1-1/4"        | CIR-0525-20             |              |                        |                               |            |               |
| 6"             | 1-1/2"      | 600           | 3/8"          | CIR-0615-06             | CIB-0615-06  |                        | CIC-0615-06                   | 1-7/8"     | 5.0           |
|                |             |               | 1/2"          | CIR-0615-08             | CIB-0615-08  |                        | CIC-0615-08                   |            |               |
|                |             |               | 5/8"          | CIR-0615-10             |              |                        | CIC-0615-10                   |            |               |
|                |             |               | 3/4"          | CIR-0615-12             |              |                        | CIC-0615-12                   |            |               |
| 6"             | 2"          | 1200          | 1/2"          | CIR-0620-08             | CIB-0620-08  |                        | CIC-0620-08                   | 2-7/16"    | 5.7           |
|                |             |               | 5/8"          | CIR-0620-10             | CIB-0620-10  |                        | CIC-0620-10                   |            |               |
|                |             |               | 3/4"          | CIR-0620-12             | CIB-0620-12  |                        | CIC-0620-12                   |            |               |
| 6"             | 2-1/2"      | 1800          | 3/4"          | CIR-0625-12-YY          |              | CIT-0625-12-YY         |                               | 3"         | 9.5           |
|                |             |               | 1"            | CIR-0625-16-YY          |              | CIT-0625-16-YY         |                               |            |               |
|                |             |               | 1"            | CIR-0625-16-SI-YY       |              |                        |                               |            |               |
|                |             |               | 1-1/4"        | CIR-0625-20-YY          |              |                        |                               |            |               |
| 6"             | 3"          | 3000          | 3/4"          | CIR-0630-12             |              | CIT-0630-12            |                               | 3-1/2"     | 12.0          |
|                |             |               | 1"            | CIR-0630-16             |              | CIT-0630-16            |                               |            |               |
|                |             |               | 1"            | CIR-0630-16-SI          |              |                        |                               |            |               |
|                |             |               | 1-1/4"        | CIR-0630-20             |              |                        |                               |            |               |
| 8"             | 2"          | 1400          | 1/2"          | CIR-0820-08             | CIB-0820-08  |                        | CIC-0820-08                   | 2-7/16"    | 11.4          |
|                |             |               | 5/8"          | CIR-0820-10             | CIB-0820-10  |                        | CIC-0820-10                   |            |               |
|                |             |               | 3/4"          | CIR-0820-12             | CIB-0820-12  |                        | CIC-0820-12                   |            |               |
| 8"             | 2-1/2"      | 1800          | 3/4"          | CIR-0825-12-YY          |              | CIT-0825-12-YY         |                               | 3"         | 14.5          |
|                |             |               | 1"            | CIR-0825-16-YY          |              | CIT-0825-16-YY         |                               |            |               |
|                |             |               | 1"            | CIR-0825-16-SI-YY       |              |                        |                               |            |               |
|                |             |               | 1-1/4"        | CIR-0825-20-YY          |              |                        |                               |            |               |
| 8"             | 2-1/2"      | 2000          | 3/4"          | CIR-0825-12             |              | CIT-0825-12            |                               | 3-1/2"     | 15.5          |
|                |             |               | 1"            | CIR-0825-16             |              |                        |                               |            |               |
|                |             |               | 1"            | CIR-0825-16-SI          |              | CIT-0825-16            |                               |            |               |
|                |             |               | 1-1/4"        | CIR-0825-20             |              |                        |                               |            |               |
| 8"             | 3"          | 3000          | 3/4"          | CIR-0830-12             |              | CIT-0830-12            |                               | 3-1/2"     | 15.5          |
|                |             |               | 1"            | CIR-0830-16             |              |                        |                               |            |               |
|                |             |               | 1"            | CIR-0830-16-SI          |              | CIT-0830-16            |                               |            |               |
|                |             |               | 1-1/4"        | CIR-0830-20             |              |                        |                               |            |               |
| 8"             | 4"          | 4000          | 1"            | CIR-0840-16             |              | CIT-0840-16            |                               | 4-1/2"     | 26.0          |
|                |             |               | 1-1/4"        | CIR-0840-20             |              | CIT-0840-20            |                               |            |               |
| 10"            | 2-1/2"      | 1800          | 3/4"          | CIR-1025-12-YY          |              | CIT-1025-12-YY         |                               | 3"         | 17.0          |
|                |             |               | 1"            | CIR-1025-16-YY          |              | CIT-1025-16-YY         |                               |            |               |
|                |             |               | 1"            | CIR-1025-16-SI-YY       |              |                        |                               |            |               |
|                |             |               | 1-1/4"        | CIR-1025-20-YY          |              |                        |                               |            |               |
| 10"            | 2-1/2"      | 2500          | 3/4"          | CIR-1025-12             |              | CIT-1025-12            |                               | 3-1/2"     | 19.0          |
|                |             |               | 1"            | CIR-1025-16             |              | CIT-1025-16            |                               |            |               |
|                |             |               | 1"            | CIR-1025-16-SI          |              |                        |                               |            |               |
|                |             |               | 1-1/4"        | CIR-1025-20             |              |                        |                               |            |               |
| 10"            | 3"          | 4000          | 3/4"          | CIR-1030-12             |              | CIT-1030-12            |                               | 3-1/2"     | 27.0          |
|                |             |               | 1"            | CIR-1030-16             |              | CIT-1030-16            |                               |            |               |
|                |             |               | 1"            | CIR-1030-16-SI          |              |                        |                               |            |               |
|                |             |               | 1-1/4"        | CIR-1030-20             |              | CIT-1030-20            |                               |            |               |
| 10"            | 4"          | 5000          | 1-1/4"        | CIR-1040-20             |              | CIT-1040-20            |                               | 4-1/2"     | 35.0          |
| 10"            | 5"          | 6000          | 1-1/4"        | CIR-1050-20             |              | CIT-1050-20            |                               | 5-1/2"     | 24.0          |
|                |             |               | 1-1/2"        | CIR-1050-24             |              | CIT-1050-24            |                               |            |               |
| 12"            | 2-1/2"      | 2500          | 3/4"          | CIR-1225-12-YY          |              | CIT-1225-12-YY         |                               | 3"         | 17.0          |
|                |             |               | 1"            | CIR-1225-16-YY          |              | CIT-1225-16-YY         |                               |            |               |
|                |             |               | 1"            | CIR-1225-16-SI-YY       |              |                        |                               |            |               |
|                |             |               | 1-1/4"        | CIR-1225-20-YY          |              |                        |                               |            |               |
| 12"            | 3"          | 5000          | 3/4"          | CIR-1230-12             |              | CIT-1230-12            |                               | 3-1/2"     | 29.0          |
|                |             |               | 1"            | CIR-1230-16             |              |                        |                               |            |               |
|                |             |               | 1"            | CIR-1230-16-SI          |              | CIT-1230-16            |                               |            |               |
|                |             |               | 1-1/4"        | CIR-1230-20             |              | CIT-1230-20            |                               |            |               |
| 12"            | 6"          | 10000         | 1"            | CIR-1260-16             |              | CIT-1260-16            |                               | 6-1/2"     | 70.0          |
|                |             |               | 1-1/4"        | CIR-1260-20             |              | CIT-1260-20            |                               |            |               |
|                |             |               | 1-1/2"        | CIR-1260-24             |              | CIT-1260-24            |                               |            |               |
| 16"            | 5"          | 7000          | 1-1/4"        | CIR-1650-20             |              | CIT-1650-20            |                               | 5-1/2"     | 70.0          |
|                |             |               | 1-1/2"        | CIR-1650-24             |              | CIT-1650-24            |                               |            |               |

UP TO 10,000 POUND CAPACITY