

ALBION[®]

the caster experts

// www.AlbionCasters.com



INDUSTRIAL **HEAVY-DUTY** CASTERS



U.S. ENGINEERING & MANUFACTURING // ERGONOMIC & SAFETY EXPERTS // INDUSTRY LEADING SELECTION

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3D CAD Models!

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ALBION®

the caster experts

www.albioncasters.com or 800.835.8911

Aerospace & Defense • Automotive • Food & Beverage
 Material Handling • Transportation • Packaging
 Pharmaceutical & Chemical • Institutional Equipment
 Marine • Agricultural • Warehouse & Distribution

HEAVY-DUTY & MATERIAL HANDLING EXPERTS
 For over 70 years, Albion has remained dedicated to solving industrial mobility challenges for customers around the world. Leveraging our industry proven experience and manufacturing technology – Albion offers the most complete lineup of industrial caster and wheel products, coupled with cutting-edge design capabilities to solve even the toughest application challenges. Contact us today to start a conversation and let us help specify the right caster for your specific application and performance requirements.

THE ALBION ADVANTAGE

YOUR SOURCE FOR TRUSTED INDUSTRIAL CASTERS AND WHEELS

■ ERGONOMIC EXCELLENCE

Albion is committed to making you more efficient and safer by easing the load of moving equipment throughout your facility. Long before ergonomics was popular, we were developing casters and wheels to reduce push/pull force and ease maneuverability.



See more on page 14.

■ POLYURETHANE EXPERTS

Polyurethane tread wheels provide durable mobility capable of rejecting floor debris, enhancing ergonomics, protecting floors, and even absorbing shock. Albion offers the most expansive lineup of polyurethane wheels, available in a wide array of durometers, face types, colors and thicknesses.



See more on page 15.

■ CUSTOM SOLUTIONS

Albion is happy to partner with you when an off-the-shelf product does not meet your application requirements. We have the engineering expertise and technology to bring your custom mobility needs to life on-time and on-budget.



See more on page 16-17.



With our proven design and manufacturing experience, we guarantee select Albion casters with up to a three (3) year warranty from date of purchase; look for the 3 year warranty icon throughout the catalog. All other Albion brand casters feature a (1) year warranty from date of purchase.

Visit albioncasters.com/warranty for official warranty details.

■ CATALOG TOOLBOX

Look for these helpful icons located throughout the catalog designating key features and application benefits.



USA Made

If you want quality and pride associated with USA manufactured products, look for this symbol.



Premium Quality

The best Albion has to offer. Enough Said!



Heat Resistant

Product is rated for high temperatures. Please note: for intermittent temperatures always consult factory.



Maintenance Free

Bearing does not require regular greasing to perform to standard.



Environmentally Friendly

Complies with RoHS regulations as set forth by the European Union.



NSF Rated

Many Albion casters are NSF listed for use in the food & beverage industries. Look under Features in each series for qualifying products.



Stainless Steel

Constructed of stainless steel to withstand the most abusive conditions—steam cleaning, wash downs, solvents, chemicals and acids.



Economical

For budget driven projects. Albion offers good, better, best throughout our offering!



Ergonomic

Exceptional rollability, manual pushing requires little effort.



Towing

Rig specifically designed for towing applications; consult factory before ordering to ensure wheel and bearing are properly specified for all power towed applications. (Towing recommendation based on average speed of 3-5mph; consult factory for higher speeds.)

A LEADING BRAND OF



THE GLOBAL LEADER IN CASTERS AND WHEELS

- The **industry leader** and **most complete product** offering in the world
- The **highest value** for your caster dollar
- **One-stop shopping** for nearly any application and budget
- The **most experienced** engineering, sales, manufacturing, and quality teams
- **Local service worldwide**, ready for any business need

MANUFACTURING



With advanced manufacturing and distribution facilities located around the world, we continuously invest in our proprietary supply chain and leading portfolio of USA Made casters to provide the best value to our customers.

ENGINEERING



Utilizing the latest in available technologies, Colson Group USA's global design and engineering teams ensure every detail in product performance, materials, and aesthetics are delivered to meet and exceed industry and customer expectations.

SERVICE



Delivering truly one-stop shopping, our experienced inside and outside support teams help customers identify the right caster from our leading product portfolio to ensure your expectations and business requirements are met on every order.

QUALITY



As an active ICWM member, we help define industry testing standards (ANSI ICWM: 2012). Leading test labs and global quality systems confirm our casters meet stringent quality standards, allowing up to a 3-year standard warranty on select series.



Download 3D CAD Models and Datasheets!

- **Quickly configure** models
- Download **native CAD formats**
- Download **datasheets**
- **Easily share** with your team



Online: AlbionCasters.com/CAD
App: Search "Caster CAD 3D"

QUICK-START PRODUCT CATEGORIES

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HEAVY DUTY**
(up to 2,000 lbs.)

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**HEAVY DUTY
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& KINGPIN**
(up to 20,000 lbs.)

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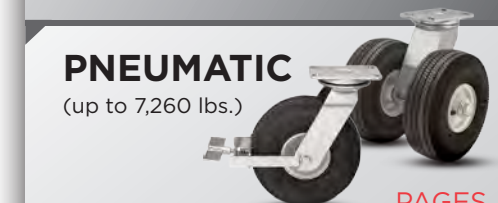
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**DUAL
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(up to 30,000 lbs.)

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PNEUMATIC
(up to 7,260 lbs.)

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Light Duty

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02 SERIES INSTITUTIONAL CASTERS

Tread Width: 1-1/4"
Capacity: Up to 350 lbs.

Wheel Diameters: 3", 3-1/2", 4", 5", 6"
Brake: Grip Lock, Face Contact, Total Lock

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P2 SERIES PRECISION CASTERS

Tread Width: 1-1/4"
Capacity: Up to 250 lbs.

Wheel Diameters: 3", 3-1/2", 4", 5"
Brake: Face Contact, Total Lock

Medium Heavy Duty

Page
24-26



16 SERIES CASTERS

Tread Width: 2" (1-1/2" – 1-7/8" options)
Capacity: Up to 1250 lbs.

Wheel Diameters: 3-1/4", 4", 5", 6", 8"
Brake: Total Lock, Grip Lock, Cam, Face, Single/Double Sided, Poly Cam, Swivel Lock

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62 SERIES CASTERS

Tread Width: 2", 2-1/2"
Capacity: Up to 1500 lbs.

Wheel Diameters: 4", 5", 6", 8", 10"
Brake: Single Sided/Double Sided, Face, Cam, Poly Cam, Swivel Lock

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63 SERIES CASTERS

Tread Width: 2", 2-1/2"
Capacity: Up to 2000 lbs.

Wheel Diameters: 5", 6", 8", 10", 12"
Brake: Face Contact, Face, Poly Cam, Single Sided/Double Sided, Swivel Lock

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71 SERIES CASTERS

Tread Width: 2" (1-1/2" – 2-3/16" options)
Capacity: Up to 1500 lbs.

Wheel Diameters: 3-1/4", 4", 5", 6", 8"
Brake: Cam, Face, Single Sided/Double Sided, Poly Cam, Swivel Lock,

Page
33-34



72 SERIES CASTERS

Tread Width: 2", 2-1/2" (1-3/4" options)
Capacity: Up to 1600 lbs.

Wheel Diameters: 4", 5", 6", 8", 10"
Brake: Cam, Face Brake, Single Sided/Double Sided, Poly Cam, Swivel Lock

Maintenance Free Medium Heavy Duty

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36-37



18 SERIES ERGONOMIC PRECISION CASTERS

Tread Width: 1-1/2", 2"
Capacity: Up to 1250 lbs.

Wheel Diameters: 3-1/4", 4", 5", 6", 8"
Brake: Face, Swivel Lock

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68 SERIES KINGPINLESS CASTERS

Tread Width: 2"
Capacity: Up to 2000 lbs.

Wheel Diameters: 6", 8"
Brake: Not Applicable

Heavy Duty Kingpinless

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42-44



110 CONTENDER SERIES CASTERS

Tread Width: 2" (1-1/2" – 1-7/8" options)
Capacity: Up to 2000 lbs.

Wheel Diameters: 4", 5", 6", 8"
Brake: Cam, PLB, Face, Single Sided/Double Sided, Poly Cam, Swivel Lock

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46-47



170 SERIES CASTERS

Tread Width: 2"
Capacity: Up to 1500 lbs.

Wheel Diameters: 4", 5", 6", 8"
Brake: Cam, Single/Double Sided, Face, Swivel Lock

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310 CONTENDER SERIES CASTERS

Tread Width: 2-1/2", 3"
Capacity: Up to 4100 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: Poly Cam, PLB, Single/Double Sided, Face Contact, Swivel Lock

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410 CONTENDER SERIES CASTERS

Tread Width: 2-1/2", 3"
Capacity: Up to 5400 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: Poly Cam, PLB, Single/Double Sided, Face Contact, Swivel Lock

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610 CONTENDER SERIES CASTERS

Tread Width: 2-1/2", 3", 3-1/2", 4"
Capacity: Up to 9500 lbs.

Wheel Diameters: 6", 8", 10", 12", 14"
Brake: Poly Cam, PLB, Single/Double Sided, Swivel Lock

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600 SHOCKMASTER SERIES CASTERS

Tread Width: 2-1/2", 3", 3-1/2", 4"
Capacity: Up to 10000 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: Poly Cam, PLB, Single/Double Sided, Face Contact, Swivel Lock

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700 SHOCKMASTER SERIES CASTERS

Tread Width: 4", 5", 6"
Capacity: Up to 20000 lbs.

Wheel Diameters: 8", 10", 12", 16"
Brake: Poly Cam, PLB, Face Contact, Swivel Lock

Heavy Duty Kingpin

Pages: 59-74

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81 SERIES CASTERS

Tread Width: 2-1/2", 3", 3-1/4"
Capacity: Up to 2000 lbs.

Wheel Diameters: 3-1/4", 4", 5", 6", 8", 10", 12"
Brake: Poly Cam, Single/Double Sided, Face Contact, Wrap Around, Face, Swivel Lock

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62-63



90 SERIES CASTERS

Tread Width: 2-1/2", 3", 3-1/4", 4", 4-1/4"
Capacity: Up to 3500 lbs.

Wheel Diameters: 3-1/4", 4", 5", 6", 8", 10", 12"
Brake: Poly Cam, Single/Double Sided, Face Contact, Wrap Around, Face, Swivel Lock

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64-65



92 SERIES CASTERS

Tread Width: 3", 3-1/2", 4"
Capacity: Up to 4800 lbs.

Wheel Diameters: 8", 10", 12"
Brake: Poly Cam, Single/Double Sided, Face Contact, Wrap Around, Face, Swivel Lock

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93 SERIES CASTERS

Tread Width: 3", 3-1/2", 4", 5"
Capacity: Up to 7500 lbs.

Wheel Diameters: 12", 16", 18"
Brake: Poly Cam, Face Contact, Swivel Lock

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68-71



94 SERIES (BBL/TRL) CASTERS

Tread Width: 2-1/2", 3", 3-1/2", 4"
Capacity: Up to 10000 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: Poly Cam, Single/Double Sided, Face Contact, Wrap Around, Swivel Lock

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72-74



95 SERIES (BBL/TRL) CASTERS

Tread Width: 2-1/2", 3", 3-1/2", 4", 5", 6"
Capacity: Up to 17000 lbs.

Wheel Diameters: 6", 8", 10", 12", 16"
Brake: Poly Cam, Face Contact, Swivel Lock

Stainless Steel

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04 SERIES CASTERS

Tread Width: 1-1/4"
Capacity: Up to 350 lbs.

Wheel Diameters: 3", 3-1/2", 4", 5"
Brake: Grip Lock, Face Contact

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05 SERIES CASTERS

Tread Width: 2"
Capacity: Up to 1200 lbs.

Wheel Diameters: 4", 5", 6", 8"
Brake: Cam, Face, Swivel Lock

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120 SERIES CONTENDER KINGPINLESS CASTERS

Tread Width: 2"
Capacity: Up to 1200 lbs.

Wheel Diameters: 4", 5", 6", 8"
Brake: Single/Double Sided, Face, Swivel Lock

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330 SERIES CONTENDER KINGPINLESS CASTERS

Tread Width: 2-1/2", 3"
Capacity: Up to 3000 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: Poly Cam, PLB Integrated, Single/Double Sided, Swivel Lock

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85-86



E5 SERIES ECONOMY CASTERS

Tread Width: 2"
Capacity: Up to 900 lbs.

Wheel Diameters: 4", 5", 6", 8"
Brake: Cam, Face, Swivel Lock

Spring Loaded

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40 SERIES MEDIUM DUTY KINGPIN CASTERS

Tread Width: 2"
Capacity: Up to 500 lbs.

Wheel Diameters: 5", 6", 8"
Brake: Single/Double Sided, Swivel Lock

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41 SERIES SPRINGGUARD™ SPRING-LOADED KINGPIN CASTERS

Tread Width: 2"
Capacity: Up to 800 lbs.

Wheel Diameters: 6"
Brake: Consult Factory

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42 SERIES HEAVY DUTY KINGPIN CASTERS

Tread Width: 2-1/2"
Capacity: Up to 800 lbs.

Wheel Diameters: 8", 10"
Brake: Single/Double Sided, Swivel Lock

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44 SERIES XTRA HEAVY DUTY SPRING-LOADED KINGPIN CASTERS

Tread Width: 2-1/2", 3", 4", 5"
Capacity: Up to 1500 lbs.

Wheel Diameters: 10", 12", 14", 16"
Brake: Single/Double Sided, Swivel

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141 SERIES CONTENDER KINGPINLESS POLY SPRING CASTERS

Tread Width: 2"
Capacity: Up to 1500 lbs.

Wheel Diameters: 5", 6", 8"
Brake: Not Applicable

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S310 SERIES CONTENDER SPRING LOADED KINGPINLESS CASTERS

Tread Width: 2-1/2", 3"
Capacity: Up to 3000 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: Not Applicable

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S410 SERIES CONTENDER SPRING LOADED KINGPINLESS CASTERS

Tread Width: 2-1/2", 3"
Capacity: Up to 3000 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: Not Applicable

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S610 SERIES CONTENDER SPRING LOADED KINGPINLESS CASTERS

Tread Width: 2-1/2", 3"
Capacity: Up to 3000 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: Not Applicable

Dual Wheel

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216/263 SERIES CANTILEVER-STYLE CASTERS

Tread Width: 1-1/2", 2"
Capacity: Up to 2000 lbs.

Wheel Diameters: 3-1/4", 4", 5", 6", 8"
Brake: Not Applicable

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281 SERIES CANTILEVER-STYLE CASTERS

Tread Width: 2-1/2"
Capacity: Up to 2000 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: Not Applicable

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290/295 SERIES CANTILEVER-STYLE CASTERS

Tread Width: 3", 3-1/2", 4"
Capacity: Up to 8000 lbs.

Wheel Diameters: 8", 10", 12"
Brake: Not Applicable

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115 SERIES KINGPINLESS CASTERS

Tread Width: 2"
Capacity: Up to 2000 lbs.

Wheel Diameters: 4", 5", 6", 8"
Brake: Not Applicable

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315 SERIES KINGPINLESS CASTERS

Tread Width: 2", 3"
Capacity: Up to 4100 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: PLB Integrated, Swivel Lock, Toe Guard

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415/615 SERIES KINGPINLESS CASTERS

Tread Width: 3", 3-1/2", 4", 5"
Capacity: Up to 12000 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: PLB Integrated, Swivel Lock, Toe Guard

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850 SERIES KINGPINLESS CASTERS

Tread Width: 3", 4", 4-1/2", 5", 6", 9"
Capacity: Up to 30000 lbs.

Wheel Diameters: 6", 10", 12", 16", 18"
Brake: Face Contact, Swivel Lock

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272/281 SERIES KINGPIN CASTERS

Tread Width: 1-1/2", 1-5/8", 1-3/4", 2"
Capacity: Up to 12000 lbs.

Wheel Diameters: 3-1/4", 4", 5", 6", 8"
Brake: Not Applicable

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290/292/293 SERIES KINGPIN CASTERS

Tread Width: 2-1/2", 3", 3-1/2", 4", 5"
Capacity: Up to 7500 lbs.

Wheel Diameters: 6", 8", 10", 12", 16", 18"
Brake: Not Applicable

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295 SERIES KINGPIN CASTERS

Tread Width: 3", 3-1/2", 4", 5"
Capacity: Up to 17000 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: Not Applicable

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298 SERIES AVIATION GROUND EQUIPMENT CASTERS

Tread Width: 4-1/2", 6", 9"
Capacity: Up to 20000 lbs.

Wheel Diameters: 12", 16-1/4", 18"
Brake: Face Contact, Single/Double Sided, Swivel Lock

Pneumatic

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16/72 SERIES CASTERS

Tread Width: 2", 2-1/2", 2-3/4", 3"
Capacity: Up to 540 lbs.

Wheel Diameters: 6", 10", 12"
Brake: Face Contact, Swivel Lock

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16/72/90 SERIES CASTERS

Tread Width: 2", 2.5", 2.8", 4.1", 4.8", 5.3", 5.7"
Capacity: Up to 1170 lbs.

Wheel Diameters: 8", 10", 12", 14", 16", 18"
Brake: Face Contact, Swivel Lock

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94/95 SERIES CASTERS

Tread Width: 4.8", 5.7", 6.5", 6.9", 7.5"
Capacity: Up to 3633 lbs.

Wheel Diameters: 16", 18", 21", 23", 25"
Brake: Face Contact, Swivel Lock

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272/290/294/295 SERIES CANTILEVER-STYLE CASTERS

Tread Width: 2.80", 4.10", 4.8", 5.3", 5.7", 6.5", 6.9", 7.5"
Capacity: Up to 7260 lbs.

Wheel Diameters: 8", 10", 12", 14", 16", 18", 21", 23", 25"
Brake: Face Contact, Swivel Lock

Aviation Industry/Ground Support Equipment (GSE)

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03 SERIES AIR CARGO/CONVEYOR CASTERS

Tread Width: 1-11/32", 1-3/4"
Capacity: Up to 450 lbs.

Wheel Diameters: 2-1/4", 2-3/4"
Brake: Not Applicable

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FAULTLESS PRECISION, HEAVY DUTY AIR CARGO/CONVEYOR CASTERS

Tread Width: 1-3/8"
Capacity: Up to 375 lbs.

Wheel Diameters: 2-3/4"
Brake: Not Applicable

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JARVIS AIR CARGO/CONVEYOR CASTERS

Tread Width: 1-1/4"
Capacity: Up to 400 lbs.

Wheel Diameters: 3"
Brake: Not Applicable

Specialty

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20/21 SERIES BUSINESS MACHINE CASTERS

Tread Width: 1.81"
Capacity: Up to 1200 lbs.

Wheel Diameters: 3"
Brake: Thumbscrew

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DC DOLLY CASTERS

Tread Width: 1-1/4"
Capacity: Up to 350 lbs.

Wheel Diameters: 3", 3-1/2", 4" and 5"
Brake: Total Lock, Face

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BASSICK HONCHO AS SERIES CASTERS

Tread Width: 2"
Capacity: Up to 1250 lbs.

Wheel Diameters: 4", 5", 6" and 8"
Brake: Total Lock, Side Lock, Swivel Lock

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E-LINE ECONOMICAL CASTERS AND COMPONENTS

Tread Width: 2"
Capacity: Up to 1250 lbs.

Wheel Diameters: 4", 5", 6" and 8"
Brake: Total Lock, Face, Tread, Cam, Swivel Lock

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02/14 SERIES GATE CASTERS

Tread Width: 1", 2-1/2"
Capacity: Up to 210 lbs.

Wheel Diameters: 4", 8"
Brake: Not Applicable

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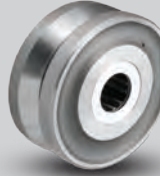
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Polypropylene Tread

	
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*PY, PH and PX available in multiple durometers. 

Polyurethane Tread >>>


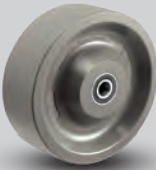
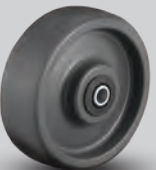



					
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Rubber Tread

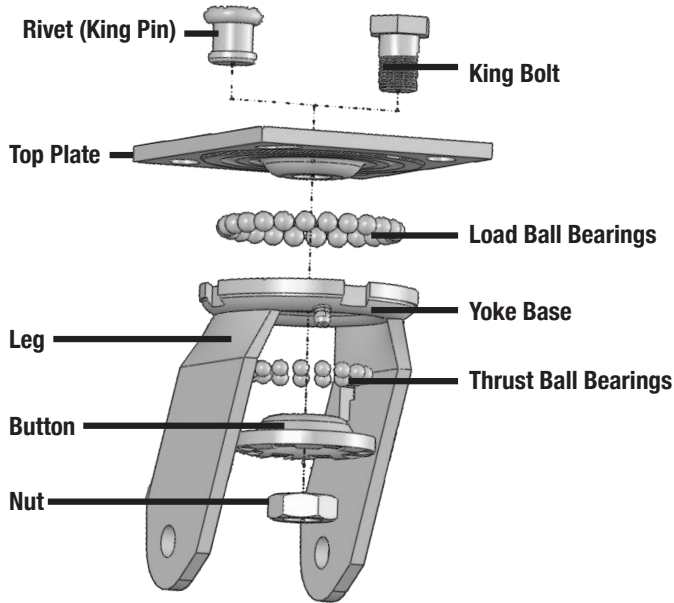
			
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CASTER COMPONENTS

KINGPIN RIG

CONVENTIONAL CONSTRUCTION

• UP TO 2,000 LB. CAPACITY

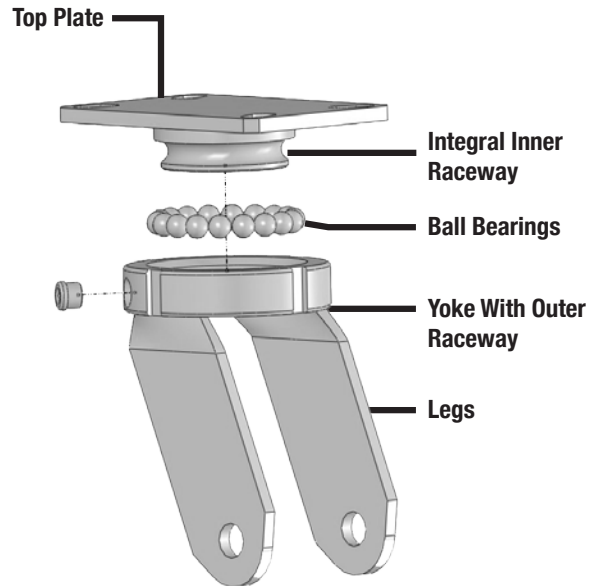


KINGPINLESS RIG



BETTER ERGONOMICS, BEST FOR SHOCK AND IMPACT

• UP TO 20,000 LBS. CAPACITY

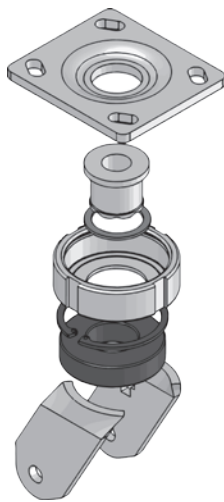


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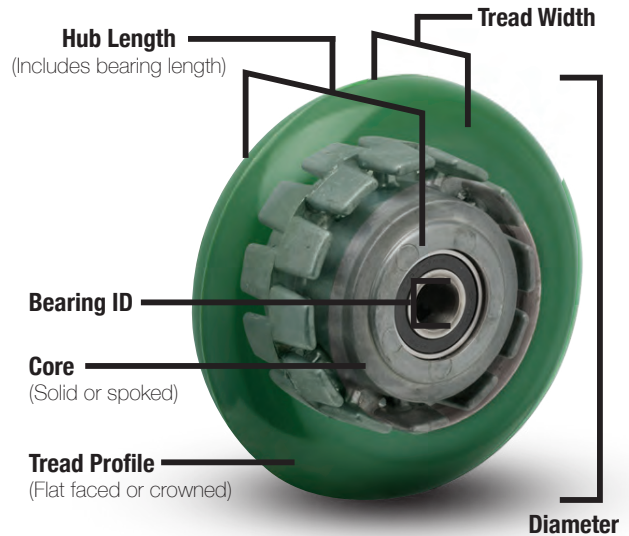


SEALED PRECISION SWIVEL BEARING PROVIDES EXCELLENT ERGONOMICS WITH NO MAINTENANCE

• UP TO 2,000 LBS. CAPACITY



WHEEL



ALBION[®]
the caster experts

Need help determining the right solution for your application?

Let us help! Connect with us online at www.albioncasters.com or call us at 800-835-8911.

Rig SELECTION GUIDE

The right rig can make a big difference in the life and ergonomics of your caster.

Kingpin

MEDIUM HEAVY DUTY KINGPIN



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- » 140 – 2,000 lbs capacity
- » Conventional caster construction
- » Variety of raceway designs to support performance and load requirements

HEAVY DUTY KINGPIN



Pages:
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- » 700 – 17,000 lbs capacity

Heavy Duty Kingpinless

LONGER LASTING THAN CONVENTIONAL CASTERS



Pages:
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- » 300 – 20,000 lbs capacity
- » Best for rugged applications where impact, shock, or regular swiveling is present
- » Eliminates kingpin failures

Maintenance Free



Pages:
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- » 350 – 2,000 lbs capacity
- » Designed for ergonomics and light to medium duty towing. Smooth, easy, and quiet mobility.

Stainless Steel



Pages:
75-86

- » 200 – 3,000 lbs capacity
- » Well suited for applications exposed to cleaning agents, steam, caustic solutions, or other corrosive agents which could cause rust

Spring Loaded



Pages:
87-99

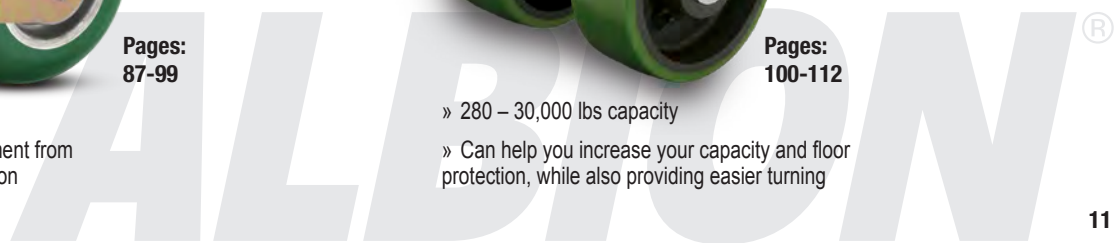
- » 500 – 3,000 lbs capacity
- » Protects cargo and equipment from shocks and unwanted vibration

Dual Wheels



Pages:
100-112

- » 280 – 30,000 lbs capacity
- » Can help you increase your capacity and floor protection, while also providing easier turning



SELECTION GUIDE

Wheel Material

Selecting the right wheel can make a big difference in the performance and life of your caster. To determine what material would work best for your application, please review the below material descriptions and features — or connect with us at www.albioncasters.com or 800-835-8911 for specification assistance.

Polyurethane capacities up to 10,900 lbs



Description:

Albion's polyurethane wheels are uniquely formulated and open cast or injection molded to clean, close tolerance cores. Each unique formula is designed for specific mobility benefits, including: ergonomics, shock absorption, noise reduction, debris rejection, and overall durability.

Features:

- » Non-marking, floor protective
- » Resists chemicals and oils
- » Excellent capacity, wear resistance, and strength
- » Quieter and more shock absorbing than metal wheels
- » Designated wheels are towable
- » Various durometers, thicknesses, tread profiles and colors available

Rubber capacities up to 3,630 lbs



Description:

Rubber wheels provide exceptional floor protection, shock absorption, and our more advanced formulas even reject metal shavings and debris (X-tra Soft, MG, NP, SZ/SV). Various options can be found throughout our rubber wheel offering, including: non-marking formulas, no-maintenance/semi/fully pneumatic wheels, and a variety of durometers and color choices.

Features:

- » Floor protection
- » Quiet mobility
- » Cost effective
- » Shock absorption
- » Indoor/outdoor use (pneumatic family)

Metal capacities up to 20,000 lbs



Description:

Metal wheels offer the highest capacity, temperature resistance, and strength for your most abusive indoor/outdoor applications and floor conditions. Albion offers a range of materials to best suit your application, including: cast iron, ductile, and drop forged steel options.

Features:

- » Highest load capacities
- » Handles the most abuse
- » Impact resistant
- » Resistant to hot and cold temperatures

Phenolic capacities up to 8,000 lbs



Description:

Phenolic wheels are constructed of heavy macerated materials impregnated with phenolic resins – and then molded under high heat and pressure to produce a quality, but economical industrial wheel.

Features:

- » High load capacities
- » Resistant to chemicals and oils
- » Impact resistant
- » Economical
- » High-temp options

Nylon & Glass Filled capacities up to 7,200 lbs



Description:

Offering high load capacities and greater floor protection than conventional metal or phenolic wheels, our range of Nylon and Glass-Filled wheels are a perfect fit for helping reduce wheel noise or in clean applications requiring frequent wash downs.

Features:

- » High load capacities
- » Impact resistant
- » Corrosion resistant
- » Resistant to chemicals and oils
- » High-temp options

Polypropylene capacities up to 1,000 lbs



Description:

Injection molded from a blend of thermoplastic polymers, Polypropylene wheels are our most economical and lightest wheel option with comparable load ratings to hard rubber wheels.

Features:

- » Most economical
- » Resistant to chemicals and oils
- » Lightweight
- » High-temp options

Wheel Bearing

SELECTION GUIDE

To understand how bearing codes are represented in part numbers, please visit [page 18](#).

Roller



Roller bearings are the standard bearing in most caster applications. 1-1/2 and 2 inch width wheels feature a cage separating hardened steel rollers and a hardened steel split outer race. These bearings must be used on a hardened bushing or shaft. Maximum temperature range is 350°F. All Casters and wheels are rated up to 2.5 mph operation per the Institute of Caster & Wheel Manufacturers Guidelines.

BEARING CODE:
01, 05, 07

Drawn Cup Roller



These are roller bearings as described above except they have metal cages holding the precision ground rollers. The outer race is a one-piece construction, giving added rigidity to the wheel bore. These bearings must be used on a hardened bushing or shaft. Maximum temperature range is 400°F.

BEARING CODE:
02

Precision Tapered Roller



The tapered roller is the most effective bearing for heavy or towed loads. The taper allows for some thrust loading, while the heat-treated inner and outer race allow for maximum load capacity. Maximum temperature range is 400°F.

BEARING CODE:
09

Bronze



Excellent for wash-down or steam cleaning applications. Bronze bearings are designed for temperatures up to 525°F.

BEARING CODE:
22

Oilex



These bearings are made of oil-impregnated sintered iron. Completely self-lubricating, these are ideal for situations where rolling force is less critical and accessibility for lubrication is difficult. Maximum temperature range is 450°F.

BEARING CODE:
23

Radial Ball (Industrial Ball)



Shielded ball bearings are often referred to as "industrial grade" bearings. Pressed into the hub of lower capacity wheels, these low cost bearings decrease the effort required to move a load. Maximum temperature range is 250°F.

BEARING CODE:
27

Precision Sealed Ball



Completely sealed, these precision ground ball bearings are held in a metal spacer ring between two hardened raceways. This bearing never needs to be lubricated, and with the lowest rolling resistance of all bearings it provides the most ergonomic situation available. Maximum temperature range is 250°F.

BEARING CODE:
28

Pedestal Precision Ball



These sealed precision ball bearings include an integral spanner which eliminates need for separate spanner. Maximum temperature range is 250°F.

BEARING CODE:
29

Annular Ball



A precision type bearing where the machined outer race and inner race are held together by the bearings. This option offers easy rolling and quiet operation for light to medium duty loads. This bearing must be factory installed in the wheel. Designed for temperatures up to 160°F.

BEARING CODE:
31

Plain Bore



In this option, no bearing material is used. The wheel runs directly on the axle or spanner bushing. This is the least expensive bearing option, but also results in a higher rolling resistance.

BEARING CODE:
41

Two Piece Delrin



A DuPont™ engineered material, Delrin is designed for use in situations in which a self-lubricating material is optimal and corrosion cannot be tolerated. Ideal for wash-down or steam-cleaning applications as well as total immersion. Maximum temperature range is 160°F.

BEARING CODE:
51

One Piece Delrin



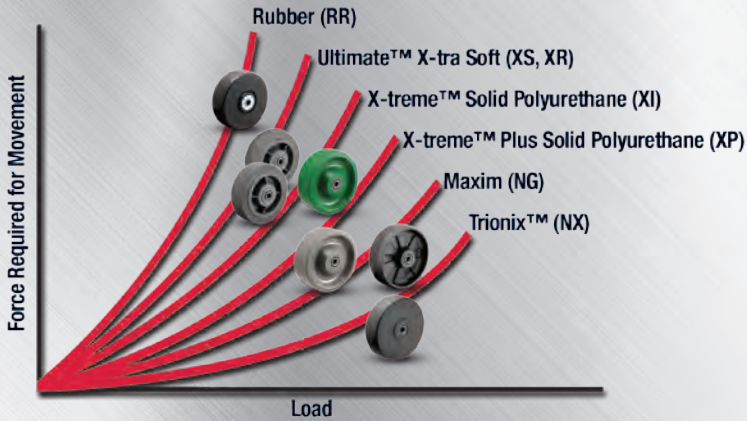
This is a one-piece version of the Delrin bearing listed above. Good for use where thrust washers are needed or to add rigidity to a soft wheel which might cause the two piece bearing to be ejected from the bore of the wheel. Maximum temperature range is 160°F.

BEARING CODE:
52

ERGONOMOMIC EXPERTS



The **right rig, wheel and bearing** can have a **BIG IMPACT** on your business and employees!



For more than 60 years Albion has been committed to easing the load of moving products through your facility. Long before ergonomics was popular, we were developing casters and wheels to reduce fatigue, reduce repetitive motion and improve productivity.

We have accelerated efforts to develop casters that ease the effort needed to start a cart in motion or swivel while in operation. Also, we explore the latest materials technologies to deliver wheels that offer the best performance and the best ergonomic qualities.

Leading the way in Albion's efforts toward ergonomic excellence are our maintenance free **18 Series** (pages 36-37) and **68 Series** (pages 38-39), along with a variety of other rig and wheel combinations throughout our **Heavy Duty Kingpinless** lineup (pages 41-58). Our maintenance free casters reduce the effort needed to bring a caster in line by **over 30%** in contrast to conventional dual ball raceway kingpin casters – plus they **reduced noise by 15%!**

WORKPLACE SAFETY & COST SAVINGS

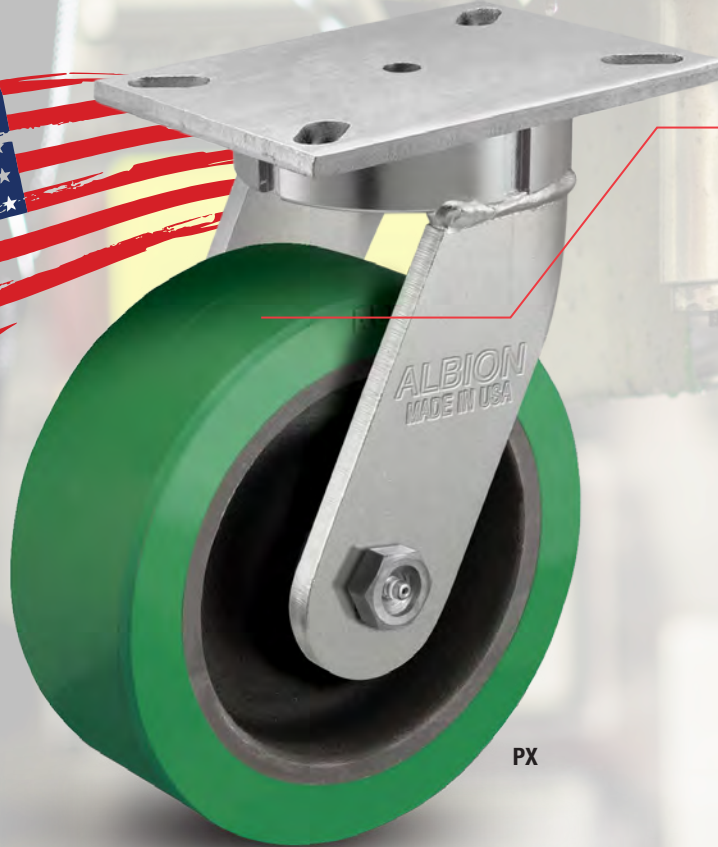
- ▶ PUSH/PULL EASIER
- ▶ TURN EASIER
- ▶ REDUCE NOISE
- ▶ BOOST EFFICIENCY



LET US HELP

improve your employee satisfaction and bottom line through our ergonomic experience today! Connect with us **online at www.albioncasters.com** or **call 800-835-8911.**

POLYURETHANE EXPERTS



- Strong tread bond for long life
- Close tolerance cores for precise manufacturing and quality control
- Superior material blends for the highest quality treads

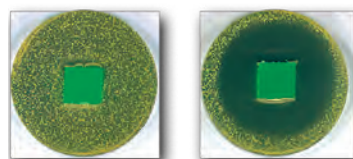


ALBION
the caster experts

- ▾ Albion offers an expansive range of polyurethane wheels, with various material blends designed to deliver specific features and application benefits (see pages 146-165 for full offering)
- ▾ Our popular **80A** and **95A** durometer wheels are **designed and proven for industrial use**—many offering a **3 year warranty**
- ▾ New formulas and tread profiles continue to be developed to **enhance ergonomics (AX, PF, and UA** wheels)
- ▾ Standard and custom keyway inserts are available
- ▾ Custom machining and crown facing
- ▾ Cutter bars, brakes, and sound dampening pads available

- ▾ Custom colors available (minimums may apply)
- ▾ **Specialty Wheel Development** – Albion’s team of engineers has significant experience designing and developing new wheels for specialty applications in virtually any industry. Contact factory with your needs!
- ▾ **Anti-Microbial Additives** – Bacterial inhibitors are available in many of our urethane products. If your food, medical, or laboratory application requires additional peace of mind, this is a great wheel solution.

PREVENZ™ ANTIMICROBIAL*



*Please contact factory for ordering information.

VULKOLLAN® WHEELS (VY/VX)

- **Highest quality** polyurethane in the world
- **Superior** in load capacity, reliability, strength, and life
- **Reduce** your downtime and maintenance costs with Vulkollan!



CUSTOM SOLUTIONS



IDENTIFY YOUR NEEDS.

- Capture Your Vision
- Identify All Requirements
- Evaluate Safety and Ergonomics

DESIGN IT.

- Leverage Proven Knowledge Base
- Create Solid 3D Model Design
- Finite Element Analysis (FEA)
- 3D Printing
- Rapid Prototyping



With more than 500,000 standard caster models available, it's likely that Albion has just the right caster for your application. However, if you have a unique application that requires a custom need, our experienced sales and engineering teams can partner with you to create a practical solution that meets your needs.

Whether it's a modification to an existing product or a brand new custom design, Albion has the engineering experience and technology to bring your concept to life.

ALBION®



TEST IT.

- ANSI ICWM Standards
- Durability & Impact
- Ergonomic Push/Pull
- Brake & Accessory Fatigue
- Customer Specified Testing

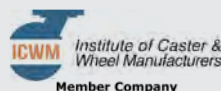


BUILD & DELIVER IT.

- U.S. Heavy Duty Manufacturing
- Global Supply Chain
- CNC: Laser, Bender, Machining
- Robotic & Skilled Manual Welding
- Experienced Finishing & Assembly

At Albion, every custom project is led by a single project manager. Our comprehensive process begins by capturing the customer vision and all application requirements, and ends with a customer approved product that has been tightly audited throughout the production process. Every stage is scrutinized and reviewed, providing a solid framework for all new product innovations. This process ensures that your mobility solution is brought to life on-time and on-budget.

ACCREDITATION AND AFFILIATES



With our proven design and manufacturing experience, we guarantee select Albion casters with up to a three (3) year warranty from date of purchase; look for the 3 year warranty icon throughout the catalog. All other Albion brand casters feature a (1) year warranty from date of purchase. Visit albioncasters.com/warranty for official warranty details.

Albion Product Numbering System

Below are helpful examples of Casters, Wheels, and Rig part numbers and what the respective numbering system and codes represents in each.

Casters

16PD06201S is a 16 Series 6" x 2" swivel top plate caster with Polyurethane/Aluminum core wheel and straight roller bearing. See below for caster number breakdown.

16	PD	06	2	01	S
Caster Series (16 Series)	Wheel Code (PD is Polyurethane on aluminum core) (see Wheel Section for codes, page 147 – 193)	Diameter Code (06 is 6")	Tread Width Code (2 is 2") 0: Less than 1-1/2 1: 1-1/2 to 1-5/8 2: 1-3/4 to 2 3: 2-1/8 to 2-7/16 4: 2-1/2 to 2-3/4 5: 2.8 to 3-3/8 6: 3-1/2 to 3-7/8 7: 4 to 4-7/8 8: 5 to 5-1/2 9: Over 5-1/2 X: 3-1/2 Dia. Wheel	Bearing Code (01 is Straight Roller Bearing) (see Bearing Section for codes, page 13)	Swivel/Rigid Code (S is swivel, R is rigid)

OPTIONAL FEATURES

To be listed under the caster model number when ordering.
Note: Some brake and swivel lock options are now placed at the end of the part number. Please see individual series for option designation.

CB	16
Option Code (CB is cam style brake)	Option Code (In this case cam style brake for 16 series caster)

Wheels

PD0620112 is a 6" x 2" Polyurethane/Aluminum core with 3/4" straight roller bearing.

PD	06	2	01	12
Wheel Code (PD is Polyurethane on aluminum core) (see Wheel Section for codes, page 147 – 193)	Diameter Code (06 is 6")	Tread Width Code (2 is 2") 0: Less than 1-1/2 1: 1-1/2 to 1-5/8 X: 1-1/4" tread width for 3-1/2" Dia. Wheels 2: 1-3/4 to 2 3: 2-1/8 to 2-7/16 4: 2-1/2 to 2-3/4 5: 2.8 to 3-3/8 6: 3-1/2 to 3-7/8 7: 4 to 4-7/8 8: 5 to 5-1/2 9: Over 5-1/2	Bearing Code (01 is Straight Roller Bearing) (see Bearing Section for codes, page 13) Note: for wheel less bearing order 41 or 00 depending on wheel. See wheel section pages 147-193)	Bearing ID Code (12 is 3/4") Bearing I.D. for wheels with bearing. Wheel bore I.D. for wheels less bearing. In 1/16" increments, for example: 12 divided by 16 or 3/4" Common Bore Sizes: 19 = 1-3/16 31 = 1-15/16 39 = 2-7/16

Rigs

16YA06201S is a Medium-heavy duty swivel rig that would accommodate the above 6" x 2" PD wheel.

16	YA	06	2	01	S
Caster Series (16 Series)	Rig Code (YA is rig only designation) YA: Standard YB: Moldon Lead YJ: Ball Load YN: Semi-Pneumatic YO: Full Pneumatic (Note: not all options included)	Diameter Code (06 is 6")	Inside Leg Spacing Code (2 means that rig fits 1-3/4" to 2" tread width wheel) See Tread Width Code in WHEELS above.	Axle/Nut Code (01 indicates Stripped rig, no parts) 00: Rig comes with axle, nut, spanner and thrust washers 03: Complete with axle and nut.	Swivel/Rigid Code (S is swivel, R is rigid)

>> **Product Pages**
Up Next >>

NOTE: We work hard to ensure all specifications and part numbers are accurately represented throughout our catalog, however catalog specifications are subject to change without notice. Please feel free to contact us to request a drawing, sample (minimums may apply) or to confirm any specification detail prior to ordering.

LIGHT DUTY CASTERS

CAPACITY RANGE 125-350 LBS



02 Series
 Designed for Light Duty Industrial or Institutional Applications

- Common Applications:**
- Dolly Carts
 - Display Carts
 - Food Service Carts
 - Institutional Equipment
 - Furniture Dollies
 - Bakery Racks

 02 Series Institutional
 Capacity to 350..... **20-21**

 P2 Series Precision
 Light Duty
 Capacity to 250..... **22**

Premium Light Duty Casters That May Interest You ...

LIGHT DUTY PRECISION CASTERS



If you need the smoothest operation available for light duty products, choose **P2**. The sealed precision bearing in the swivel section offers quiet maintenance-free operation (see page 22).

LIGHT DUTY STAINLESS STEEL



If you need casters where frequent washdowns are necessary, or if your casters may be exposed to cleaning agents, steam, caustic solutions, or other corrosive agents which could cause rust or corrosion, choose **04 Series** (see page 77).

LIGHT DUTY

02

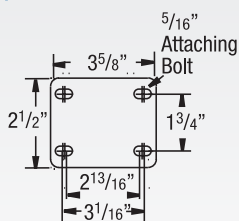
Institutional Casters

CAPACITY TO 350



Easy rolling, double ball bearing casters are ideally suited for virtually any operation where a smooth, highly maneuverable caster is required. Heat treated design delivers extended life and performance.

MOUNTING OPTIONS



TYPICAL APPLICATIONS

- Hotel equipment
- Institutional equipment
- Food service racks and cases
- Stock carts
- Laundry trucks



Expandable Adapter
Kit numbers on next page. To order on caster consult factory.



Threaded Stem
1/2" diameter
13NC x 1", 1-1/2" or 2-1/2" long
(see next page)

Plate Models

+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Roll for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
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Soft Rubber (01 Straight Roller Bearing)*

RR	3	1 1/4	125	4 1/4	1 5/16	1.75	02RR03001
	3 1/2	1 1/4	150	4 11/16	1 1/4	1.75	02RR03X01
	4	1 1/4	150	5 1/8	1 1/4	2.25	02RR04001
	5	1 1/4	175	6 3/16	1 1/2	2.75	02RR05001

*Plain bore (41) available. Change "01" to "41"
(Example: 02RR03041).

Hard Rubber (41 Plain Bore)

RN	3	1 1/4	300	4 1/4	1 5/16	2.00	02RN03041
	3 1/2	1 1/4	350	4 11/16	1 1/4	2.00 <td>02RN03X41</td>	02RN03X41
	4	1 1/4	350	5 1/8	1 1/4	2.25	02RN04041
	5	1 1/4	350	6 3/16	1 1/2	2.75	02RN05041
	6	1 1/4	350	7 1/4	1 1/2	3.25	02RN06041



FEATURES

- **Top Plate & Yoke:** Heavily embossed, formed steel to extend caster life under rugged conditions
- **Swivel Section:** Heat treated double ball bearing raceways to resist wear and improve maneuverability
- **Kingpin:** 1/2" hydraulically formed steel rivet
- **Axle:** 3/8" diameter hollow axle with lock nut
- **Finish:** All rigs are zinc plated to resist rust and corrosion
- **NSF** Listed for food service industry, consult factory
- Alternate or custom caster configurations available

BEARING OPTIONS



RIG OPTIONS

- **Sealed wheel** (1/2" straight roller bearing with 1-1/16" bore) specify **SW02**
- **Sealed swivel** specify **SS01**
- Special **zerk fitting** for axle specify **ZF03**
- **"NSF"** listed for food industry, consult factory
- **Hollow kingpin** swivel rig available specify **YH** in place of wheel code (02YH03001S)
- **Stainless steel** versions available, see page 77

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 02XS05031SGL

Grip Lock
specify **GL**



Face Contact
specify **F**

Total Lock
specify **T**



+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Roll for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
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X-tra Soft Rubber Flat Tread (31 Annular Ball)*

XS	3	1 1/4	200	4 1/4	1 5/16	1.75	02XS03031
	3 1/2	1 1/4	250	4 11/16	1 1/4	1.85 <td>02XS03X31</td>	02XS03X31
	4	1 1/4	300	5 1/8	1 1/4	2.00 <td>02XS04031</td>	02XS04031
	5	1 1/4	325	6 3/16	1 1/2	2.25 <td>02XS05031</td>	02XS05031
	6	1 1/4	350	7 1/4	1 1/2	2.40 <td>02XS06031</td>	02XS06031

*Delrin (51) bearing available. Change "31" to "51"
(Example: 02XS03051).

Precision X-tra Soft Round Tread (28 Precision Ball Bearing)

XR	3	1 1/4	200	4 1/4	1 5/16	1.75	02XR03028
	3 1/2	1 1/4	250	4 11/16	1 1/4	1.85 <td>02XR03X28</td>	02XR03X28
	4	1 1/4	300	5 1/8	1 1/4	2.00 <td>02XR04028</td>	02XR04028
	5	1 1/4	325	6 3/16	1 1/2	2.25 <td>02XR05028</td>	02XR05028

Polypropylene (41 Plain Bore)*

PB	3	1 1/4	250	4 1/4	1 5/16	1.75	02PB03041
	4	1 1/4	350	5 1/8	1 1/4	2.00 <td>02PB04041</td>	02PB04041
	5	1 1/4	350	6 3/16	1 1/2	2.25 <td>02PB05041</td>	02PB05041

*Delrin (51) bearing available. Change "41" to "51"
(Example: 02PB03051).

Polyurethane on Polypropylene (28 Precision Ball Bearing)*

XA	3	1 1/4	300	4 1/4	1 5/16	1.50	02XA03028
	3 1/2	1 1/4	350	4 11/16	1 1/4	1.50 <td>02XA03X28</td>	02XA03X28
	4	1 1/4	350	5 1/8	1 1/4	2.25 <td>02XA04028</td>	02XA04028
	5	1 1/4	350	6 3/16	1 1/2	2.75 <td>02XA05028</td>	02XA05028

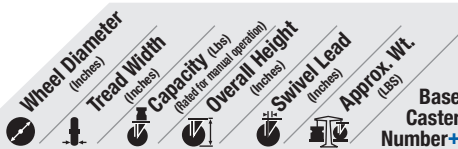
*Annular (31) and Delrin (51) bearing available.
Change "28" to "31" or "51" (Example: 02XA030331).

Continue on next page >>

Plate Models

Continued from previous page

+ For swivel models add "S", for rigid model add "R" to end of base caster number.



Phenolic (01 Straight Roller Bearing)*							
TM 	3	1 1/4	350	4 1/4	1 5/16	1.50	02TM03001
	3 1/2	1 1/4	350	4 1 1/16	1 1/4	2.00	02TM03X01
	4	1 1/4	350	5 1/8	1 1/4	2.00	02TM04001
	5	1 1/4	350	6 3/16	1 1/2	2.75	02TM05001
	*Plain bore (41) bearing available. Change "01" to other bearing code (Example 02TM03041).						

+ For swivel models add "S", for rigid model add "R" to end of base caster number.



Cast Iron (01 Straight Roller Bearing)*							
CA 	3	1 1/4	200	4 1/4	1 5/16	2.50	02CA03001
	3 1/2	1 1/4	250	4 1 1/16	1 1/4	2.50	02CA03X01
	4	1 1/4	300	5 1/8	1 1/4	3.00	02CA04001
	5	1 1/4	325	6 3/16	1 1/2	3.50	02CA05001
	*Plain bore (41) available. Change "01" to other bearing code (Example 02CA03041).						

Threaded Stem Models Base caster numbers shown in chart. To order see stem codes below.

Soft Rubber (01 Straight Roller Bearing)*							
RR 	3	1 1/4	125	4 3/32	1 5/16	1.75	02RR03001
	3 1/2	1 1/4	150	4 17/32	1 1/4	1.75	02RR03X01
	4	1 1/4	150	4 31/32	1 1/4	2.25	02RR04001
	5	1 1/4	175	6 1/32	1 1/2	2.75	02RR05001

Polypropylene (41 Plain Bore)*							
PB 	3	1 1/4	250	4 3/32	1 5/16	1.75	02PB03041
	4	1 1/4	350	4 31/32	1 1/4	2.00	02PB04041
	5	1 1/4	350	6 1/32	1 1/2	2.25	02PB05041
	*Delrin (51) bearing available. Change "41" to "51" (Example: 02PB03051).						

Hard Rubber (41 Plain Bore)							
RN 	3	1 1/4	300	4 3/32	1 5/16	2.00	02RN03041
	3 1/2	1 1/4	350	4 17/32	1 1/4	2.00	02RN03X41
	4	1 1/4	350	4 31/32	1 1/4	2.25	02RN04041
	5	1 1/4	350	6 1/32	1 1/2	2.75	02RN05041
	6	1 1/4	350	7 3/32	1 1/2	-	02RN06041

Polyurethane on Polypropylene (31 Annular Ball)*							
XA 	3	1 1/4	300	4 3/32	1 5/16	1.50	02XA03031
	3 1/2	1 1/4	350	4 17/32	1 1/4	1.50	02XA03X31
	4	1 1/4	350	4 31/32	1 1/4	2.25	02XA04031
	5	1 1/4	350	6 1/32	1 1/2	2.75	02XA05031
	*Delrin (51) bearing available. Change "31" to "51" (Example: 02XA03051).						

X-tra Soft Rubber Flat Tread (31 Annular Ball)*							
XS 	3	1 1/4	200	4 3/32	1 5/16	1.75	02XS03031
	3 1/2	1 1/4	250	4 17/32	1 1/4	1.85	02XS03X31
	4	1 1/4	300	4 31/32	1 1/4	2.00	02XS04031
	5	1 1/4	325	6 1/32	1 1/2	2.25	02XS05031
	6	1 1/4	350	7 3/32	1 1/2	-	02XS06031
*Delrin (51) bearing available. Change "31" to "51" (Example: 02XS03051).							


Phenolic (01 Straight Roller Bearing)*							
TM 	3	1 1/4	350	4 3/32	1 5/16	1.50	02TM03001
	3 1/2	1 1/4	350	4 17/32	1 1/4	2.00	02TM03X01
	4	1 1/4	350	4 31/32	1 1/4	2.00	02TM04001
	5	1 1/4	350	6 1/32	1 1/2	2.75	02TM05001
	Plain bore (41) available. Change "01" to bearing code. (Example: 02TM03041).						

Precision X-tra Soft Round Tread (28 Precision Ball Bearing)*							
XR 	3	1 1/4	200	4 3/32	1 5/16	1.75	02XR03028
	3 1/2	1 1/4	250	4 17/32	1 1/4	1.85	02XR03X28
	4	1 1/4	300	4 31/32	1 1/4	2.00	02XR04028
	5	1 1/4	325	6 1/32	1 1/2	2.25	02XR05028

Cast Iron (01 Straight Roller Bearing)*							
CA 	3	1 1/4	200	4 3/32	1 5/16	2.50	02CA03001
	3 1/2	1 1/4	250	4 17/32	1 1/4	2.50	02CA03X01
	4	1 1/4	300	4 31/32	1 1/4	3.00	02CA04001
	5	1 1/4	325	6 1/32	1 1/2	3.50	02CA05001
	*Plain bore (41) available. Change "01" to other bearing code. (Example: 02CA03041).						

Threaded Stem Order Codes (To order, add to base number above. Example: 02RR03001 S32) Note: Threads are 1/2" Diameter 13 NC			
Wheel Diameter (Inches)	Type 1: 1" Long Option Code	Type 2: 1-1/2" Long Option Code	Type 3: 2-1/2" Long For Expandable Adapters Option Code
3	S32	S31	S33
3 1/2	SX2	SX1	SX3
4	S42	S41	S43
5	S52	S51	S53

Hollow Kingpin Swivel Rig



Hollow kingpin swivel rig available specify **YH** in place of wheel code (02YH03001S). Hole accommodates 1/2" fittings.

To order complete caster assembly, consult factory.

Expandable Adapter Kits (Fits any 13 NC threaded stem caster over 2-1/2" long)



Stem Description For

Round and Square Tubing	Kit Number
3/4" to 7/8" (19.1mm to 22.2mm)	SX123200
7/8" to 1" (22.2mm to 25.4mm)	SX143200
1" to 1-1/8" (25.4mm to 28.6mm)	SX163200
1-1/8" to 1-1/4" (28.6mm to 31.8mm)	SX183200
1-1/4" to 1-1/2" (31.8mm to 38.1mm)	SX203200
1-1/2" to 1-3/4" (38.1mm to 44.5mm)	SX243200
1-3/4" to 2" (44.5mm to 50.8mm)	SX283200

Kits come in individual plastic bags and include nut, black rubber expander and white nylon spacer. Kits fit any 1/2" 13 NC threaded stem caster over 2-1/2" long.

To order pre-installed adapters consult factory.

02 SERIES • CAPACITY TO 350

LIGHT DUTY

P2 Precision Light Duty Casters

CAPACITY TO 250

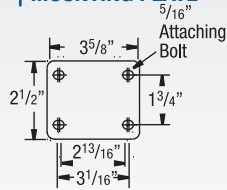


The smoothest operation available for light duty products. The sealed precision bearing in the swivel section offers quiet, maintenance-free operation.

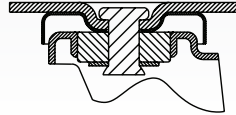
TYPICAL APPLICATIONS

- Hotel Equipment
- Institutional Equipment
- Food Service
- Racks and Cases
- Stock Carts
- Laundry Trucks

MOUNTING PLATE



MAINTENANCE FREE SWIVEL CROSS SECTION



Ergonomic



Maintenance Free



Premium Quality



Environmentally Friendly

FEATURES

- **Top Plate & Yoke:** Heavily embossed, formed steel to extend caster life under rugged conditions
- **Swivel Section:** Sealed precision bearing in swivel section
- **Axle:** 3/8" diameter hollow axle with lock nut
- **Finish:** All rigs are zinc plated to resist rust and corrosion
- Alternate or custom caster configurations available

BRAKE OPTIONS

To order, add brake code below to end of model. Example: P2XS05031F


Face Contact specify **F**




Total Lock specify **T**


- Ergonomic Caster
- Smooth, Quiet Operation
- Maintenance Free

+ For swivel models add "S", for rigid model add "R" to end of base caster number.

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Subject to normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
XR 	3	1 1/4	200	4 1/4	1 5/16	1.75	P2XR03028
	3 1/2	1 1/4	250	4 11/16	1 1/4	1.85	P2XR03X28
	4	1 1/4	250	5 1/8	1 1/4	2.25	P2XR04028
	5	1 1/4	250	6 3/16	1 1/2	2.75	P2XR05028

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Subject to normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
XS 	3	1 1/4	200	4 1/4	1 5/16	1.75	P2XS03031
	3 1/2	1 1/4	250	4 11/16	1 1/4	1.85	P2XS03X31
	4	1 1/4	250	5 1/8	1 1/4	2.25	P2XS04031
	5	1 1/4	250	6 3/16	1 1/2	2.75	P2XS05031

Prevenz™ antimicrobial models available. Add PREV to end of caster model.

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Subject to normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
XA 	3	1 1/4	250	4 1/4	1 5/16	1.50	P2XA03031
	3 1/2	1 1/4	250	4 11/16	1 1/4	1.50	P2XA03X31
	4	1 1/4	250	5 1/8	1 1/4	2.25	P2XA04031
	5	1 1/4	250	6 3/16	1 1/2	2.25	P2XA05031

Prevenz™ antimicrobial models available. Add PREV to end of caster model.

Prevenz™ Antimicrobial Wheels

The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. These wheels are suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more. To order add "PREV" to end of caster number.



XA Prevenz™
Polyurethane on
Polypropylene



XS Prevenz™
X-trasoft Rubber
Flat Tread

MEDIUM HEAVY DUTY CASTERS

CAPACITY RANGE 210-2000 LBS



16 Series
Medium Duty Casters

Common Applications:

- Dollies
- Waste Disposal Trucks
- Shop Carts
- Floor Trucks
- Warehouse Trucks
- Distribution Cages and Carts



16 Series Medium Heavy Duty
Capacity to 125024-26



71 Series Heavy Duty
Capacity to 150031-32



62 Series Heavy Duty
Capacity to 150027-29



72 Series Heavy Duty
Capacity to 160033-34



63 Series Heavy Duty
Capacity to 2000 30

MEDIUM HEAVY DUTY CASTERS

Premium and Specialty Medium Heavy Duty Casters That May Interest You ...

ERGONOMIC CASTERS



If you need the smoothest operation available in medium heavy duty casters see the Maintenance-Free Section (pages 35-40).

LONGER LASTING KINGPINLESS



If you need casters that will be impacted or shock-loaded ... or casters more suited for power-towed applications see the Heavy Duty Kingpinless Section (pages 41-58).

STAINLESS STEEL CASTERS



If you need casters where frequent washdowns are necessary, or if your casters may be exposed to cleaning agents, steam, caustic solutions, or other corrosive agents which could cause rust or corrosion see the Stainless Steel Section (pages 75-86).

SPRING LOADED CASTERS



If you need casters that offer spring loaded protection from damaging shock, unwanted vibration and reduced noise levels, see the Spring Loaded Section (pages 87-89).

16 Series Medium Heavy Duty Casters

Made in the **USA**

CAPACITY TO 1250

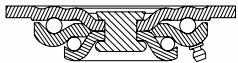


The 16 Series features a quality USA made rig and 3-year warranty, along with the most wheel and brake options in the industry. This quality lineup provides lasting value, all at a competitive price.

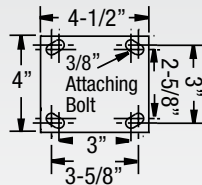
TYPICAL APPLICATIONS

- Shop/Distribution Carts
- Dollies
- Waste disposal trucks
- Warehouse trucks
- Floor Trucks

SWIVEL CROSS SECTION

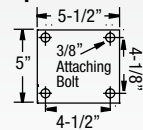


MOUNTING OPTIONS Standard Plate

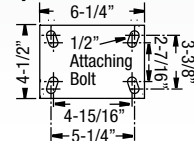


Special Order Plates

Optional D Plate



Optional K Plate



16 Series USA-made rigs with **3/4" kingpin** last **40% longer** than leading imports with 5/8" kingpin.

FEATURES

- All caster rigs and many wheels **now made in the USA**
- **3 Year** warranty
- **Improved zinc plated finish** for attractive appearance, better corrosion resistance and longer caster life
- **Bigger kingpin:** New bigger, stronger 3/4" kingpin on standard top plate
- **NSF Listed:** For food service and sanitation industry
- **Top Plate & Yoke Base:** Cold formed from 1/4" steel plate. Yoke base is notched for factory or field-installable 4-position swivel lock
- **Swivel Section:** Smooth formed, hardened double ball bearing raceways minimize ball indentation and wear
- **Fork Legs:** 1/4" steel, formed to increase strength and welded to yoke base
- **Axle:** 1/2" diameter hollow axle complete with lock nut with straight roller and Delrin bearings. Axle is solid with ball, plain bore, and Oillex bearings
- **Wheel seals:** Nylon seal retaining/thrust washers
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle on straight roller and Delrin bearing wheels
- Alternate or custom caster configurations available

BEARING OPTIONS



Note: Wheel capacities can change with each bearing type. Consult factory.

RIG OPTIONS

- Upper/lower raceway rubber seals help protect casters
- Notched seal kit
- Optional overall heights
- **Stainless steel** versions available (see 05 Series)

ACCESSORIES

To order, add brake code below to end of model. Example: 16XS06201ST

Total Lock brake specify **T** (4" to 8" models) specify optional 7 1/2" (HS-60) overall height model if ordering 6"



Cam brake specify **CB1**

Face brake specify **FBE**



Face brake specify **FBA**

Swivel Lock (welded) specify **L** (not available with Total Lock brakes)



Hand operated field installable **swivel lock** order **SL160000** separately



Foot operated field installable **swivel lock** order **SL160002** separately

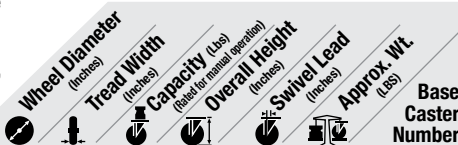


Raceway grease seals, specify **SS02**

Continue on next page >>

Continued from previous page

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

AN	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number
 85 Shore A <i>Learn more below</i>	4	2	800	5 ⁵ / ₈	1 ¹¹ / ₁₆	5	16AN04228S
	5	2	1000	6 ¹ / ₂	1 ⁵ / ₈	6	16AN05228S
	6	2	1250	7 ¹ / ₄	1 ³ / ₄	7	16AN06228S
	8	2	1250	9 ¹ / ₂	1 ³ / ₄	9	16AN08228S

Standard Bearing: Precision Ball (28)
with new patent pending top hats.

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

AX	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number
 85 Shore A <i>Learn more below</i>	4	2	800	5 ⁵ / ₈	1 ¹¹ / ₁₆	5	16AX04228S
	5	2	1000	6 ¹ / ₂	1 ⁵ / ₈	6	16AX05228S
	6	2	1250	7 ¹ / ₄	1 ³ / ₄	7	16AX06228S
	8	2	1250	9 ¹ / ₂	1 ³ / ₄	9	16AX08228S

Standard Bearing: Precision Ball (28)
with new patent pending top hats.

Green Round Tread Polyurethane on Aluminum

PM	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number
 95 Shore A <i>Learn more below</i>	5	2	1000	6 ¹ / ₂	1 ⁵ / ₈	6	16PM05228S
	6	2	1250	7 ¹ / ₄	1 ³ / ₄	7	16PM06228S
	8	2	1250	9 ¹ / ₂	1 ³ / ₄	9	16PM08228S

Standard Bearing: Precision Ball (28).

Butterscotch Round Tread Polyurethane on Aluminum

PM 80A	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number
 80 Shore A To Specify Rigid or Swivel, insert "R" or "S" before "80A".	5	2	1000	6 ¹ / ₂	1 ⁵ / ₈	6	16PM05228S80A
	6	2	1250	7 ¹ / ₄	1 ³ / ₄	7	16PM06228S80A
	8	2	1250	9 ¹ / ₂	1 ³ / ₄	9	16PM08228S80A

Standard Bearing: Precision Ball (28).

Green Polyurethane Crowned Tread on Aluminum

PD	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number
 Standard Bearing: Roller (01).	4	2	700	5 ⁵ / ₈	1 ¹¹ / ₁₆	5	16PD04201S
	5	2	1050	6 ¹ / ₂	1 ⁵ / ₈	5 ¹ / ₄	16PD05201S
	6	2	1230	7 ¹ / ₄	1 ³ / ₄	5 ³ / ₄	16PD06201S
	8	2	1250	9 ¹ / ₂	1 ³ / ₄	7	16PD08201S

Economical Green Polyurethane on Iron

PI	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number
 Standard Bearing: Drawn Cup Roller (02).	4	2	700	5 ⁵ / ₈	1 ¹¹ / ₁₆	7	16PI04202S
	5	2	1000	6 ¹ / ₂	1 ⁵ / ₈	8	16PI05202S
	6	2	1200	7 ¹ / ₄	1 ³ / ₄	9 ³ / ₄	16PI06202S
	8	2	1250	9 ¹ / ₂	1 ³ / ₄	10	16PI08202S

Polyurethane on Polypropylene

XA	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number
 Standard Bearing: Roller (01).	4	2	600	5 ⁵ / ₈	1 ¹¹ / ₁₆	4 ¹ / ₄	16XA04201S
	5	2	750	6 ¹ / ₂	1 ⁵ / ₈	4 ³ / ₄	16XA05201S
	6	2	900	7 ¹ / ₄	1 ³ / ₄	5 ¹ / ₂	16XA06201S
	8	2	1000	9 ¹ / ₂	1 ³ / ₄	7 ¹ / ₂	16XA08201S

Eagle Polyurethane on Polypropylene

EG	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number
 Standard Bearing: Roller (01).	4	2	600	5 ⁵ / ₈	1 ¹¹ / ₁₆	5 ³ / ₄	16EG04201S
	5	2	900	6 ¹ / ₂	1 ⁵ / ₈	5 ¹ / ₂	16EG05201S
	6	2	1100	7 ¹ / ₄	1 ³ / ₄	8	16EG06201S
	8	2	1200	9 ¹ / ₂	1 ³ / ₄	10 ¹ / ₄	16EG08201S

Faultless K Solid Polyurethane

KW	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number
 Standard Bearing: Roller (01).	4	2	700	5 ⁵ / ₈	1 ¹¹ / ₁₆	5	16KW04201S
	5	2	1000	6 ¹ / ₂	1 ⁵ / ₈	5 ¹ / ₂	16KW05201S
	6	2	1200	7 ¹ / ₄	1 ³ / ₄	6 ¹ / ₄	16KW06201S
	8	2	1250	9 ¹ / ₂	1 ³ / ₄	8	16KW08201S

V-Grooved Solid Polyurethane

XV	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number
 Standard Bearing: Drawn Cup Roller (02). Optional Bearings: Delrin (52) Change 02 above to 52.	4	2	300	5 ⁵ / ₈	1 ¹¹ / ₁₆	4 ¹ / ₂	16XV04202S
	5	2	300	6 ¹ / ₂	1 ⁵ / ₈	5	16XV05202S
	6	2	300	7 ¹ / ₄	1 ³ / ₄	5 ¹ / ₄	16XV06202S
	8	2	300	9 ¹ / ₂	1 ³ / ₄	5 ³ / ₄	16XV08202S

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



NYLON MODELS

Maxim® Glass Filled Nylon

NG	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number
 Standard Bearing: Roller (01). Optional bearings: Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29) and Delrin (51); change 01 above to optional bearing code.	3 ¹ / ₄	2	700	4 ¹ / ₄	1 ³ / ₄	5	16NG03201S
	4	2	800	5 ⁵ / ₈	1 ¹¹ / ₁₆	5	16NG04201S
	5	2	1000	6 ¹ / ₂	1 ⁵ / ₈	5 ¹ / ₂	16NG05201S
	6	2	1200	7 ¹ / ₄	1 ³ / ₄	6 ¹ / ₄	16NG06201S
	8	2	1250	9 ¹ / ₂	1 ³ / ₄	8	16NG08201S

Heavy Duty Glass Filled Nylon

DT	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number
 Standard Bearing: Roller (01).	4	2	800	5 ⁵ / ₈	1 ¹¹ / ₁₆		16DT04201S
	5	2	1200	6 ¹ / ₂	1 ⁵ / ₈		16DT05201S
	6	2	1250	7 ¹ / ₄	1 ³ / ₄		16DT06201S
	8	2	1250	9 ¹ / ₂	1 ³ / ₄		16DT08201S

High Temp Glass Filled Nylon

HT	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number
 Standard Bearing: Roller (01).	4	2	800	5 ⁵ / ₈	1 ¹¹ / ₁₆		16HT04201S
	5	2	1000	6 ¹ / ₂	1 ⁵ / ₈		16HT05201S
	6	2	1200	7 ¹ / ₄	1 ³ / ₄		16HT06201S
	8	2	1250	9 ¹ / ₂	1 ³ / ₄		16HT08201S

METAL MODELS

Cast Iron

CA	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number
 Standard Bearing: Roller (01).	3 ¹ / ₄	2	700	4 ¹ / ₄	1 ³ / ₄	6 ³ / ₄	16CA03201S
	4	2	1000	5 ⁵ / ₈	1 ¹¹ / ₁₆	7	16CA04201S
	5	2	1250	6 ¹ / ₂	1 ⁵ / ₈	8	16CA05201S
	6	2	1250	7 ¹ / ₄	1 ³ / ₄	9 ³ / ₄	16CA06201S
	8	2	1250	9 ¹ / ₂	1 ³ / ₄	12 ¹ / ₂	16CA08201S

V-Grooved Cast Iron

VG	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number
 Standard Bearing: Roller (01).	4	2	800	5 ⁵ / ₈	1 ¹¹ / ₁₆	7	16VG04201S
	5	2	800	6 ¹ / ₂	1 ⁵ / ₈	8 ³ / ₄	16VG05201S
	6	2	1000	7 ¹ / ₄	1 ³ / ₄	9 ³ / ₄	16VG06201S

Drive lasting results with

CG-MAX EFFICIENCY WHEEL™

- Our most advanced polyurethane wheel
- ANSI:ICWM tested to outlast and outperform the competition
- Best-in-class ergonomics increase user safety and reduce fatigue
- Patent pending self-retaining top hats reduce environmental and assembly waste
- Debris resistant

Visit albiocasters.com/CG-MAX for additional information and CAD models.

Continue on next page >>

16 SERIES • CAPACITY TO 1250

MEDIUM HEAVY DUTY CASTERS

Continued from previous page

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.

Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.

Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number

RUBBER MODELS

X-tra Soft Flat Tread on Polypropylene

XS	4	2	350	5 ⁵ / ₈	1 ¹¹ / ₁₆	5 ¹ / ₄	16XS04201S
	5	2	375	6 ¹ / ₂	1 ⁵ / ₈	5 ¹ / ₂	16XS05201S
	6	2	600	7 ¹ / ₄	1 ³ / ₄	6	16XS06201S
	8	2	675	9 ¹ / ₂	1 ³ / ₄	6 ¹ / ₂	16XS08201S

Standard Bearing: Roller (01).
Optional bearings: Precision Ball (28) and Delrin (51); change 01 above to optional bearing code.

X-tra Soft Round Tread on Polypropylene

XR	6	2	450	7 ¹ / ₄	1 ³ / ₄	5 ¹ / ₂	16XR06201S
	8	2	600	9 ¹ / ₂	1 ³ / ₄	6 ¹ / ₂	16XR08201S

Standard Bearing: Roller (01).
Optional bearings: Precision Ball (28) and Delrin (51); change 01 above to optional bearing code.

Neoprene Rubber Round Tread on Aluminum

NP	6	2	700	7 ¹ / ₄	1 ³ / ₄		16NP06228S
	8	2	700	9 ¹ / ₂	1 ³ / ₄		16NP08228S

Standard Bearing: Precision Ball (28).

Moldon Rubber on Cast Iron

MR	4	2	300	5 ⁵ / ₈	1 ¹¹ / ₁₆	5 ¹ / ₄	16MR04201S
	5	2	450	6 ¹ / ₂	1 ⁵ / ₈	5 ¹ / ₂	16MR05201S
	6	2	500	7 ¹ / ₄	1 ³ / ₄	8	16MR06201S
	8	2	600	9 ¹ / ₂	1 ³ / ₄	10 ¹ / ₄	16MR08201S

Standard Bearing: Roller (01).

Moldon Rubber on Aluminum

MD	6	2	550	7 ¹ / ₄	1 ³ / ₄	6	16MD06201S
	8	2	600	9 ¹ / ₂	1 ³ / ₄	6 ¹ / ₂	16MD08201S

Standard Bearing: Roller (01).

PNEUMATIC STYLE MODELS

Monoprene Semi-Pneumatic

SZ	6	2	250	7 ¹ / ₄	1 ³ / ₄	5 ¹ / ₂	16SZ06228S
	8	2	280	9 ¹ / ₂	1 ³ / ₄	6 ¹ / ₂	16SZ08228S

For grey tread specify "SV" wheel code (example 16SV05228S).
Standard Bearing: Precision Ball (28).

PHENOLIC MODELS

Phenolic

TM	3 ¹ / ₄	2	700	4 ¹ / ₄	1 ³ / ₄	4 ¹ / ₂	16TM03201S
	4	2	800	5 ⁵ / ₈	1 ¹¹ / ₁₆	5	16TM04201S
	5	2	1000	6 ¹ / ₂	1 ⁵ / ₈	5 ¹ / ₄	16TM05201S
	6	2	1200	7 ¹ / ₄	1 ³ / ₄	6 ¹ / ₄	16TM06201S
8	2	1250	9 ¹ / ₂	1 ³ / ₄	8	16TM08201S	

Standard Bearing: Roller (01).

POLYPROPYLENE MODELS

Glass Filled Polypropylene

RT	4	2	800	5 ⁵ / ₈	1 ¹¹ / ₁₆		16RT04201S
	5	2	1000	6 ¹ / ₂	1 ⁵ / ₈		16RT05201S
	6	2	1200	7 ¹ / ₄	1 ³ / ₄		16RT06201S
	8	2	1250	9 ¹ / ₂	1 ³ / ₄		16RT08201S

Standard Bearing: Roller (01).

High Temp Polypropylene

RW	4	2	500	5 ⁵ / ₈	1 ¹¹ / ₁₆	5	16RW04241S
	5	2	650	6 ¹ / ₂	1 ⁵ / ₈	5 ¹ / ₂	16RW05241S
	6	2	700	7 ¹ / ₄	1 ³ / ₄	6	16RW06241S
	8	2	900	9 ¹ / ₂	1 ³ / ₄	6 ¹ / ₂	16RW08241S

Standard Bearing: Plain Bore (41).

White Polypropylene

PW	4	2	450	5 ⁵ / ₈	1 ¹¹ / ₁₆	4 ¹ / ₂	16PW04241S
	5	2	550	6 ¹ / ₂	1 ⁵ / ₈	5	16PW05241S
	6	2	650	7 ¹ / ₄	1 ³ / ₄	6	16PW06241S

Standard Bearing: Plain Bore (41).

Polypropylene

PB	4	2	450	5 ⁵ / ₈	1 ¹¹ / ₁₆	4 ¹ / ₂	16PB04201S
	5	2	550	6 ¹ / ₂	1 ⁵ / ₈	5	16PB05201S
	6	2	750	7 ¹ / ₄	1 ³ / ₄	6	16PB06201S
	8	2	850	9 ¹ / ₂	1 ³ / ₄	5 ¹ / ₂	16PB08201S

Standard Bearing: Roller (01).
Optional bearings: Delrin (51) Bearings or plain bore (41); change 01 above to optional bearing code.

16 Series Wheel Selection Hints



- Polyurethane**
- Excellent multi-purpose wheels
 - Non-marking, floor protective
 - Excellent capacity, wear resistance, and strength
 - Various durometers, thicknesses



- Nylon**
- High load capacities
 - Impact resistant
 - Corrosion resistant
 - High-temp options



- Metal**
- High load capacities
 - Handles the most abuse
 - Impact resistant
 - Resistant to hot and cold temperatures



- Rubber/Pneumatic Style**
- Floor protection
 - Quiet mobility
 - Cost effective
 - Shock absorption



- Phenolic**
- High load capacities
 - Impact resistant
 - Economical
 - High-temp options



- Polypropylene**
- Most economical
 - Lightweight
 - High-temp options

62

Medium Heavy Duty Casters CAPACITY TO 1500



Premium Quality

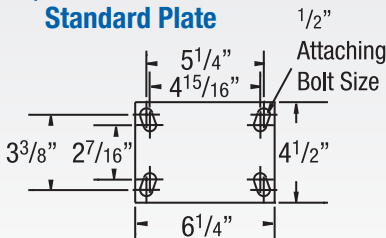


Environmentally Friendly

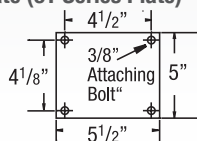


Manufactured from cold formed steel, this popular series features a heat treated king bolt and nut, ensuring durability and a longer caster life.

MOUNTING OPTIONS Standard Plate



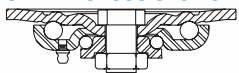
Special Order Plate D Plate (61 Series Plate)



TYPICAL APPLICATIONS

- Movable racks
- Conveyor or "Dragline" operations
- Utility trucks
- Corrugated box trucks
- Caster mounted production jigs and fixtures

SWIVEL CROSS SECTION



FEATURES

- **Top Plate:** Cold formed from 1/4" steel plate to provide the strongest possible section for swivel bearing
- **Swivel Section:** 3-1/4" diameter load race. Raceways are coined smooth then heat treated to minimize ball indentation and wear
- **Legs:** 1/4" steel formed to increase strength and welded to the yoke base
- **King bolt:** 3/4" heat treated king bolt and nut assembly
- **Axle:** 1/2" diameter hollow axle with recessed zerk fitting and lock nut on straight roller and Delrin bearing. Solid axle on ball and Oilex bearings
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle with straight roller bearing wheels
- **Finish:** All rigs are zinc plated to resist corrosion and rust
- **Notched Yoke Base:** Notched to accommodate swivel lock
- Alternate or custom caster configurations available

BEARING OPTIONS



RIG OPTIONS

- Neoprene **sealed swivel** section specify **NS62**
- **Inside weld** specify **IW62**
- **Thread guards** specify **TG62**
- **Hollow axle** for oilex applications specify **ZF07** (For up to 2" wide wheels)
- **NSF Listed** for food service industry specify **NSF**
- **Optional Overall Heights** see notes at end of 62 Series section

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 62XS06201SCB62

Cam specify **CB62**



Face specify **FBB** (Not available on 10" models)

Single Side specify **SSB62**. Double Sided specify **DSB62**



Poly Cam specify **P**

Swivel Lock (welded) specify **L**



Hand operated field installable swivel lock for standard plate order **SL620000** separately; for D plate order **SL610000** separately

+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
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Moldon Rubber on Cast Iron (01/07 Straight Roller)*

MR	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
	4	2	300	5 5/8"	1 5/16"	6 1/2"	62MR04201
	5	2	450	6 1/2"	1 1/2"	7 1/2"	62MR05201
	6	2	500	7 1/2"	1 3/4"	9 1/2"	62MR06201
	6	2 1/2	700	7 1/2"	1 3/4"	12"	62MR06407
	8	2	600	10 1/8"	1 3/4"	9 1/4"	62MR08201
	8	2 1/2	850	10 1/8"	1 3/4"	14 1/2"	62MR08407
	10	2 1/2	950	11 1/2"	1 3/4"	18 1/4"	62MR10407

*Oilex (23), Industrial Ball (27), and one piece Delrin (52) available. Change "01" or "07" to bearing code. Oilex example: 62MR04223.

Heavy Duty Moldon Rubber on Cast Iron (01/07 Straight Roller)*

MH	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
	5	2	700	6 1/2"	1 1/2"	7 1/2"	62MH05201
	6	2	820	7 1/2"	1 3/4"	9 1/2"	62MH06201
	8	2	1000	10 1/8"	1 3/4"	9 1/4"	62MH08201
	8	2 1/2	1300	10 1/8"	1 3/4"	14 1/2"	62MH08407
	10	2 1/2	1500	11 1/2"	1 3/4"	18 1/4"	62MH10407

*Oilex (23), Industrial Ball (27), and one piece Delrin (52) available. Change "01" or "07" to other bearing code. Oilex example: 62MH04223.

+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
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Moldon Rubber on Aluminum (01 Roller Bearing)

MD	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
	4	2	400	5 5/8"	1 5/16"	6 1/2"	62MD04201
	5	2	500	6 1/2"	1 1/2"	7 1/2"	62MD05201
	6	2	550	7 1/2"	1 3/4"	9 1/2"	62MD06201
	8	2	600	10 1/8"	1 3/4"	9 1/4"	62MD08201

X-tra Soft Flat Tread (01 Roller Bearing)*

XS	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
	4	2	400	5 5/8"	1 5/16"	6 1/2"	62XS04201
	5	2	500	6 1/2"	1 1/2"	7 1/2"	62XS05201
	6	2	600	7 1/2"	1 3/4"	8 1/4"	62XS06201
	8	2	675	10 1/8"	1 3/4"	9 1/4"	62XS08201

Prevenz™ antimicrobial models available. Add PREV to end of caster number.

*Precision Ball (28) and Delrin (51) Bearings available. Change "01" to other bearing code. Delrin example: 62XS04251.

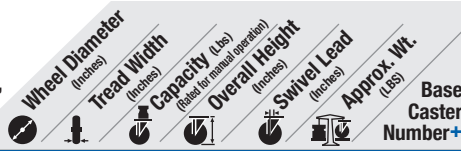
62 SERIES • CAPACITY TO 1500

MEDIUM HEAVY DUTY CASTERS

Continue on next page >>

62 Series Continued

+ For swivel models add "S", for rigid model add "R" to end of base caster number.



X-tra Soft Round Tread (01 Roller Bearing)*							
XR	6	2	450	7 1/2	1 3/4	8 1/4	62XR06201
	8	2	600	10 1/8	1 3/4	9 1/4	62XR08201
Prevenz™ antimicrobial models available. Add PREV to end of caster number.							
*Precision Ball (28) and Delrin (51) Bearings available. Change "01" to bearing code. Delrin example: 62XR04251.							

Pneumatic (27 Industrial Ball Bearing)							
SF	8	2	210	10 1/8	1 3/4	7 1/4	62SF08227

Polyurethane on Aluminum Crown Tread (01 Roller Bearing)							
PD	4	2	700	5 5/8	1 5/16	6 1/2	62PD04201
	5	2	1050	6 1/2	1 1/2	6 1/2	62PD05201
	6	2	1230	7 1/2	1 3/4	7 1/4	62PD06201
	8	2	1500	10 1/8	1 3/4	8 1/2	62PD08201

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)							
AX	5	2	1000	6 1/2	1 1/2	7 1/4	62AX05228
	6	2	1250	7 1/2	1 3/4	8 1/4	62AX06228
	8	2	1500	10 1/8	1 3/4	10 1/2	62AX08228
	85 Shore A						

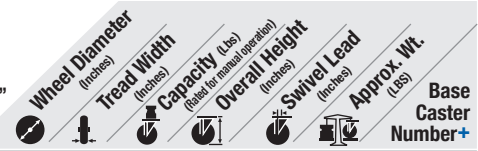
Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)							
PM	5	2	1000	6 1/2	1 1/2	7 1/4	62PM05228
	6	2	1250	7 1/2	1 3/4	8 1/4	62PM06228
	8	2	1500	10 1/8	1 3/4	10 1/2	62PM08228
	95 Shore A						

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)							
PM 80A	5	2	1000	6 1/2	1 1/2	7 1/4	62PM0522880A
	6	2	1250	7 1/2	1 3/4	8 1/4	62PM0622880A
	8	2	1500	10 1/8	1 3/4	10 1/2	62PM0822880A
	80 Shore A To Specify Rigid or Swivel, insert "R" or "S" before "80A". Example: 62PM08228R80A.						

Polyurethane on Cast Iron (01, 07 Roller Bearing)							
PY	4	2	750	5 5/8	1 5/16	10	62PY04201
	5	2	1050	6 1/2	1 3/4	12	62PY05201
	6	2	1200	7 1/2	1 3/4	12	62PY06201
	6	2 1/2	1500	7 1/2	1 3/4	13	62PY06407
	8	2	1500	10 1/8	1 3/4	14	62PY08201
	8	2 1/2	1500	10 1/8	1 3/4	16	62PY08407
	10	2 1/2	1500	11 1/2	1 3/4	17	62PY10407

Polyurethane on Cast Iron (28 Precision Ball Bearing)							
PY 80A	4	2	600	5 5/8	1 5/16	10	62PY0422880A
	5	2	840	6 1/2	1 3/4	13	62PY0522880A
	6	2	960	7 1/2	1 3/4	13	62PY0622880A
	6	2 1/2	1300	7 1/2	1 3/4	13	62PY0642880A
	8	2	1200	10 1/8	1 3/4	16	62PY0822880A
	8	2 1/2	1500	10 1/8	1 3/4	16	62PY0842880A
	10	2 1/2	1500	11 1/2	1 3/4	17	62PY1042880A
To Specify Rigid or Swivel, insert "R" or "S" before "80A". Example: 62PY08228R80A.							

+ For swivel models add "S", for rigid model add "R" to end of base caster number.



Polyurethane on Polypropylene (01 Roller Bearing)							
XA	4	2	600	5 5/8	1 5/16		62XA04201
	5	2	750	6 1/2	1 1/2	7 1/2	62XA05201
	6	2	900	7 1/2	1 3/4	8 1/4	62XA06201
	8	2	1000	10 1/8	1 3/4	9 1/2	62XA08201
Prevenz™ antimicrobial models available. Add PREV to end of caster number.							

X-Treme™ Solid Polyurethane (01 Roller Bearing)*							
XI	4	2	1000	5 5/8	1 5/16	6 1/4	62XI04201
	5	2	1000	6 1/2	1 1/2	5 1/2	62XI05201
	6	2	1000	7 1/2	1 3/4	7 3/4	62XI06201
	8	2	1000	10 1/8	1 3/4	9 1/2	62XI08201
*Drawn Cup Roller (02), Bronze (22), Precision Ball (28) Pedestal Precision (29), and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 62XI04229.							

X-Treme™ Plus Solid Polyurethane (01 Roller Bearing)*							
XP	4	2	1400	5 5/8	1 5/16	6 1/4	62XP04201
	5	2	1200	6 1/2	1 1/2	6 3/4	62XP05201
	6	2	1400	7 1/2	1 3/4	7 3/4	62XP06201
	8	2	1200	10 1/8	1 3/4	9 1/2	62XP08201
*Drawn Cup Roller (02), Bronze (22), Precision Ball (28) Pedestal Precision (29), and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 62XP04229.							

Phenolic (01, 07 Roller Bearing)							
TM	4	2	800	5 5/8	1 5/16	6 1/4	62TM04201
	5	2	1000	6 1/2	1 1/2	6 3/4	62TM05201
	6	2	1200	7 1/2	1 3/4	7 3/4	62TM06201
	6	2 1/2	1500	7 1/2	1 3/4	9	62TM06407
	8	2	1400	10 1/8	1 3/4	9 1/2	62TM08201
	8	2 1/2	1500	10 1/8	1 3/4	11 1/4	62TM08407
	10	2 1/2	1500	11 1/2	1 3/4	13	62TM10407

Maxim® (01 Roller Bearing)*							
NG	4	2	800	5 5/8	1 5/16	6 1/4	62NG04201
	5	2	1000	6 1/2	1 1/2	6 3/4	62NG05201
	6	2	1200	7 1/2	1 3/4	7 3/4	62NG06201
	8	2	1400	10 1/8	1 3/4	9 1/4	62NG08201
Prevenz™ antimicrobial models available. Add PREV to end of caster number. *Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 62NG04229.							

Continue on next page >>

+ For swivel models add "S", for rigid model add "R" to end of base caster number.



Trionix™ High Impact Polymer (28 Precision Ball Bearing)

NX	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number+
	4	2	1500	5 ⁵ / ₈	1 ⁵ / ₁₆	8 ¹ / ₄	62NX04228
	5	2	1500	6 ¹ / ₂	1 ¹ / ₂	8 ³ / ₄	62NX05228
	6	2	1500	7 ¹ / ₂	1 ³ / ₄	11	62NX06228
	8	2	1500	10 ¹ / ₈	1 ³ / ₄	14	62NX08228

For 2-1/2" tread width models change 7th number from 2 to 4 (Example: 62NX0428).

Cast Iron (01, 07 Roller Bearing)

CA	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number+
	4	2	1000	5 ⁵ / ₈	1 ⁵ / ₁₆	8 ¹ / ₄	62CA04201
	5	2	1300	6 ¹ / ₂	1 ¹ / ₂	9 ¹ / ₄	62CA05201
	6	2	1400	7 ¹ / ₂	1 ³ / ₄	11 ¹ / ₄	62CA06201
	6	2 1/2	1500	7 ¹ / ₂	1 ³ / ₄	13	62CA06407
	8	2	1500	10 ¹ / ₈	1 ³ / ₄	14 ¹ / ₂	62CA08201
	8	2 1/2	1500	10 ¹ / ₈	1 ³ / ₄	16	62CA08407

Heavy Duty Cast Iron (01 Roller Bearing)

CH	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number+
	5	2	1500	6 ¹ / ₂	1 ¹ / ₂	10 ¹ / ₄	62CH05201
	6	2	1500	7 ¹ / ₂	1 ³ / ₄	11	62CH06201
	8	2	1500	10 ¹ / ₈	1 ³ / ₄	14 ¹ / ₂	62CH08201

White Nylon (01 Roller Bearing)*

NW	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number+
	5	2	600	6 ¹ / ₂	1 ¹ / ₂	6 ³ / ₄	62NW05201
	6	2	900	7 ¹ / ₂	1 ³ / ₄	7 ³ / ₄	62NW06201
	8	2	1100	10 ¹ / ₈	1 ³ / ₄	9 ¹ / ₄	62NW08201

*Delrin (51) Bearings or plain bore (00) models available. Change "01" to other bearing code (Example: 62NW05251).

+ For swivel models add "S", for rigid model add "R" to end of base caster number.



Drop Forged Steel (01 Roller Bearing)*

FS	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number+
	4	1 1/2	1400	5 ⁵ / ₈	1 ⁵ / ₁₆	8 ¹ / ₄	62FS04101
	5	1 3/4	1500	6 ¹ / ₂	1 ¹ / ₂	10 ¹ / ₄	62FS05201
	6	2	1500	7 ¹ / ₂	1 ³ / ₄	11 ¹ / ₄	62FS06201

*Tapered Roller bearings (09) available. Change "01" to other bearing code. Example: 62FS04109.

Ductile Iron Crowned Tread (01 Roller Bearing)*

FR, FM	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number+
	5	2	1500	6 ¹ / ₂	1 ¹ / ₂	10 ¹ / ₄	62FR05201
	6	2	1500	7 ¹ / ₂	1 ³ / ₄	11	62FR06201
	8	2	1500	10 ¹ / ₈	1 ³ / ₄	14 ¹ / ₂	62FR08201

*Straight Roller (01) and Precision Ball (28) available. Change "01" to other bearing code. Tapered Roller example: 62FR05209.

Note: Ductile Iron Flat Tread (FM) models available. Change FR wheel code to FM. Example: 62FM05201.

Optional Overall Heights all 62 Series Models:

Wheel Diameter	Overall Height	Swivel Lead	Swivel Specify	Rigid Specify
6"	7-3/8"	1-3/4"	HS85	HR85
8"	9-1/2"	2-1/4"	HS76	HR76
8"	9-3/4"	1-3/4"	HS83	HR83



WANT AN EVEN LONGER CASTER LIFE?

Try our **Kingpinless 110 Series** for longer caster life in rugged applications, or where impact and shock cause conventional casters to fail. These durable casters **eliminate kingpin failure**, the most common failure in conventional casters.

See Pages 42 - 44

LOOKING TO IMPROVE ERGONOMICS?

Try our **Precision Ergonomic 18 Series** casters. Designed for ease of movement and no maintenance - making mobility **easier**, employees **safer**, **reducing noise**, and **improving efficiency**.

See Pages 36 - 37



63

Made in the **USA**
Medium Heavy Duty
Casters CAPACITY TO 2000



Premium Quality

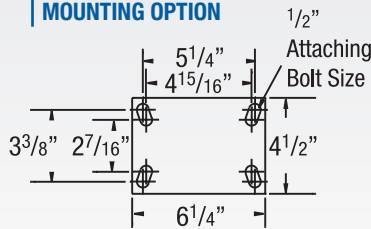


Environmentally Friendly



Offering thicker legs and a 3/4" diameter axle, this series improves on our popular 62 series for increased capacity. Manufactured from cold formed steel, this caster can stand up to most heavy duty applications.

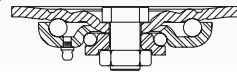
MOUNTING OPTION



TYPICAL APPLICATIONS

- Movable racks
- Conveyor or "Dragline" operations
- Utility trucks
- Corrugated box trucks

SWIVEL CROSS SECTION



FEATURES

- **Top Plate:** 1/4" steel plate provides the strongest possible section for swivel bearing
- **Swivel Section:** 3-1/4" diameter load race. Raceways are coined smooth and then heat treated to minimize ball indentation and wear
- **Legs:** 3/8" steel plate formed to increase strength and welded to the yoke base inside and out
- **King Bolt:** 3/4" diameter heat treated king bolt and lock nut
- **Axle:** 3/4" diameter axle is hollow with lock nut
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle
- **Notched Yoke Base:** Notched to accommodate swivel lock.
- Alternate or custom caster configurations available

RIG OPTIONS

- Neoprene **sealed swivel** section specify **NS63**
- **Optional Overall Height** of 9-1/2" available for 8" diameter wheel models. Swivel Lead changes to 2-1/4". For swivel specify **HS84**. For Rigid specify **HR84**

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 63PY06405SSB63



Single Side specify **SSB63**. **Double Sided** specify **DSB63**



Face Contact specify **F**



Face specify **FBB**



Poly Cam specify **P**



Swivel Lock (welded) specify **L**

Hand operated field installable swivel lock order **SL620000** separately



BEARING OPTIONS

Straight Roller (05)



	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number+
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Moldon Rubber on Cast Iron (05 Roller Bearing)							
MR	6	2 1/2	700	7 1/2	2 1/4	16 1/2	63MR06405
	8	2 1/2	850	10 1/8	2 1/4	17 1/2	63MR08405
	10	2 1/2	950	11 1/2	2 1/4	21	63MR10405
	12	2 1/2	950	13 1/2	2 1/4	24 1/4	63MR12405

Polyurethane on Cast Iron (05 Roller Bearing)							
PY	5	2 1/2	1300	6 1/2	2 1/4	15	63PY05405
	6	2 1/2	1600	7 1/2	2 1/4	18 1/4	63PY06405
	8	2 1/2	2000	10 1/8	2 1/4	17 1/2	63PY08405
	10	2 1/2	2000	11 1/2	2 1/4	25 3/4	63PY10405
12	2 1/2	2000	13 1/2	2 1/4	30 3/4	63PY12405	

Polyurethane on Cast Iron (05 Roller Bearing)							
PY 80A	5	2 1/2	1050	6 1/2	2 1/4	15	63PY0540580A
	6	2 1/2	1300	7 1/2	2 1/4	18 1/4	63PY0640580A
	8	2 1/2	1600	10 1/8	2 1/4	17 1/2	63PY0840580A
	10	2 1/2	1840	11 1/2	2 1/4	25 3/4	63PY1040580A
12	2 1/2	2000	13 1/2	2 1/4	30 3/4	63PY1240580A	

To Specify Rigid or Swivel, insert "R" or "S" before "80A". Example: 63PY08228R80A.

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number+
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Vulkollan on Iron (05 Roller Bearing)							
VY	8	2 1/2	2000	10 1/8	2 1/4	24	63VY08405
	10	2 1/2	2000	11 1/2	2 1/4	27	63VY10405

Phenolic (05 Roller Bearing)							
TM	6	2 1/2	1600	7 1/2	2 1/4	11 1/2	63TM06405
	8	2 1/2	1800	10 1/8	2 1/4	13 3/4	63TM08405
	10	2 1/2	1800	11 1/2	2 1/4	15 3/4	63TM10405
	12	2 1/2	1800	13 1/2	2 1/4	21	63TM12405

Cast Iron (05 Roller Bearing)							
CA	5	2 1/2	1800	6 1/2	2 1/4	16 1/4	63CA05405
	6	2 1/2	1800	7 1/2	2 1/4	16 3/4	63CA06405
	8	2 1/2	1800	10 1/8	2 1/4	21	63CA08405
	10	2 1/2	1800	11 1/2	2 1/4	25 1/4	63CA10405
	12	2 1/2	1800	13 1/2	2 1/4	29 1/4	63CA12405

71

Medium Heavy Duty Casters CAPACITY TO 1500

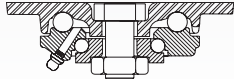


These heavy duty hot forged steel casters are designed for extended life in rugged applications. They will outperform cold forged or stamped steel casters in swivel applications.

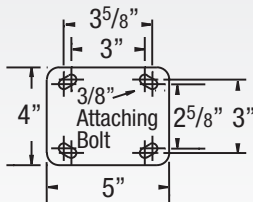
TYPICAL APPLICATIONS

- Production racks and fixtures
- Live skids and Box trucks

SWIVEL CROSS SECTION

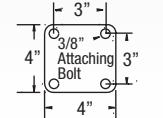


MOUNTING OPTIONS Standard Plate

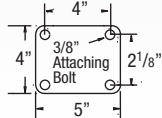


Special Order Plates

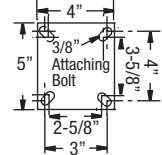
Optional H Plate



Optional G Plate



Optional J Plate



+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Moldon Rubber on Cast Iron (01 Roller Bearing)*

MR	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
	4	2	300	5 5/8	1 7/16	7 3/4	71MR04201
	5	2	450	6 1/2	1 13/16	8	71MR05201
	6	2	500	7 1/2	2 1/4	9 3/4	71MR06201
	8	2	600	10 1/8	2 1/4	12	71MR08201

*Precision Ball (28) and Tapered Roller (09) Bearings available. Change "01" to other bearing code. Precision Ball example: 71MR04228.

Heavy Duty Moldon Rubber on Cast Iron (01 Roller Bearing)*

MH	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
	5	2	700	6 1/2	1 13/16	8	71MH05201
	6	2	820	7 1/2	2 1/4	9 3/4	71MH06201
	8	2	1000	10 1/8	2 1/4	12	71MH08201

*Precision Ball (28) and Tapered Roller (09) Bearings available. Change "01" to other bearing code. Precision Ball example: 71MH05228.



Premium Quality



Environmentally Friendly

FEATURES

- **Top Plate:** AISI 1045 drop-forged steel for enhanced strength
- **Swivel Section:** Double ball bearing with coined "deep-groove" load and machined component thrust raceway
- **Legs:** 1/4" steel formed to increase strength and welded to the yoke base
- **King Bolt:** 3/4" diameter heat treated bolt and nut for enhanced load capacity
- **Axle:** 1/2" diameter hollow axle with lock nut on straight roller bearings and delrin bearing offerings. Solid axle on ball, and Oilex bearing offerings
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle
- Alternate or custom caster configurations available

RIG OPTIONS

- **Sealed swivel section** specify **NS71**
- **Heat treated raceway** specify **HT01**
- **NSF** for food service industry specify **NSF**

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 71XS06201**SCB71**

Cam specify **CB71**

Single Side specify **SSB71**. Double Sided specify **DSB71**

Face specify **FBB**

Poly Cam specify **P**

Swivel Lock (welded) specify **L**

Hand operated field installable swivel lock order **SL710000** separately

BEARING OPTIONS



+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
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Moldon Rubber on Aluminum (01 Roller Bearing)*

MD	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
	4	2	400	5 5/8	1 7/16	6 1/2	71MD04201
	5	2	500	6 1/2	1 13/16	7	71MD05201
	6	2	550	7 1/2	2 1/4	7 1/2	71MD06201
	8	2	600	10 1/8	2 1/4	9 1/2	71MD08201

*Precision Ball (28) and Tapered Roller (09) Bearings available. Change "01" to other bearing code. Precision Ball example: 71MD04228.

X-tra Soft Flat Tread (01 Roller Bearing)*

XS	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
	4	2	400	5 5/8	1 7/16	5 1/2	71XS04201
	5	2	500	6 1/2	1 13/16	6 1/4	71XS05201
	6	2	600	7 1/2	2 1/4	6 3/4	71XS06201
	8	2	675	10 1/8	2 1/4	8 1/2	71XS08201

Prevenz™ antimicrobial models available. Add PREV to end of caster number.

*Precision Ball (28) Bearings available.

Change "01" to "28" bearing code. Precision Ball example: 71XS04228.

X-tra Soft Round Tread (01 Roller Bearing)*

XR	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
	6	2	450	7 1/2	2 1/4	6 3/4	71XR06201
	8	2	600	10 1/8	2 1/4	8 1/2	71XR08201

Prevenz™ antimicrobial models available. Add PREV to end of caster number.

*Precision Ball (28) Bearings available.

Change "01" to "28" bearing code. Precision Ball example: 71XR06228.


Continue on next page >>


71 SERIES • CAPACITY TO 1500


MEDIUM HEAVY DUTY CASTERS


71 Series Continued

+ For swivel models add "S", for rigid model add "R" to end of base caster number.


	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Polyurethane on Aluminum (01 Roller Bearing)							
PD 	4	2	700	5 ⁵ / ₈	17/16	6 ¹ / ₂	71PD04201
	5	2	1050	6 ¹ / ₂	1 ¹³ / ₁₆	7	71PD05201
	6	2	1230	7 ¹ / ₂	2 ¹ / ₄	7 ¹ / ₂	71PD06201
	8	2	1500	10 ¹ / ₈	2 ¹ / ₄	9 ¹ / ₂	71PD08201


	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)							
AX 	4	2	800	5 ⁵ / ₈	17/16	5 ¹ / ₂	71AX04228
	5	2	1000	6 ¹ / ₂	1 ¹³ / ₁₆	5 ³ / ₄	71AX05228
	6	2	1250	7 ¹ / ₂	2 ¹ / ₄	6 ³ / ₄	71AX06228
	8	2	1500	10 ¹ / ₈	2 ¹ / ₄	8 ¹ / ₂	71AX08228
85 Shore A							


	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)							
PM 	5	2	1000	6 ¹ / ₂	1 ¹³ / ₁₆	5 ³ / ₄	71PM05228
	6	2	1250	7 ¹ / ₂	2 ¹ / ₄	6 ³ / ₄	71PM06228
	8	2	1500	10 ¹ / ₈	2 ¹ / ₄	8 ¹ / ₂	71PM08228
	95 Shore A						


	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)							
PM 80A 	5	2	1000	6 ¹ / ₂	1 ¹³ / ₁₆	5 ³ / ₄	71PM0522880A
	6	2	1250	7 ¹ / ₂	2 ¹ / ₄	6 ³ / ₄	71PM0622880A
	8	2	1500	10 ¹ / ₈	2 ¹ / ₄	8 ¹ / ₂	71PM0822880A
	80 Shore A						


To Specify Rigid or Swivel, insert "R" or "S" before "80A".
Example: 71PM08228R80A.

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Polyurethane on Cast Iron (01 Roller Bearing)							
PY 	3 ¹ / ₄	2 ³ / ₁₆	420	5 ¹ / ₄	17/16	6 ¹ / ₄	71PY03201
	4	2	750	5 ⁵ / ₈	17/16	8	71PY04201
	5	2	1050	6 ¹ / ₂	1 ¹³ / ₁₆	8 ³ / ₄	71PY05201
	6	2	1200	7 ¹ / ₂	2 ¹ / ₄	11	71PY06201
8	2	1500	10 ¹ / ₈	2 ¹ / ₄	14	71PY08201	
80A Durometer available, add "80A" to end of caster number. 80A capacity reduced by approximately 20%. Swivel example: 71PY06201S80A.							


	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Polyurethane on Polypropylene (01 Roller Bearing)							
XA 	4	2	600	5 ⁵ / ₈	17/16	5 ¹ / ₂	71XA04201
	5	2	750	6 ¹ / ₂	1 ¹³ / ₁₆	6 ¹ / ₄	71XA05201
	6	2	900	7 ¹ / ₂	2 ¹ / ₄	6 ³ / ₄	71XA06201
	8	2	1000	10 ¹ / ₈	2 ¹ / ₄	8 ¹ / ₂	71XA08201
Prevenz™ antimicrobial models available. Add PREV to end of caster number.							


	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Solid Elastomer (01 Roller Bearing)*							
SE 	4	2	1000	5 ⁵ / ₈	17/16	6 ¹ / ₂	71SE04201
	5	2	1000	6 ¹ / ₂	1 ¹³ / ₁₆	6 ³ / ₄	71SE05201
	6	2	1000	7 ¹ / ₂	2 ¹ / ₄	7 ³ / ₄	71SE06201
	8	2	1000	10 ¹ / ₈	2 ¹ / ₄	10	71SE08201
Pedestal Precision (29) available. Change "01" to other bearing code. Pedestal Precision example: 71SE04229.							


	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Glass Filled Polypropylene (01 Roller Bearing)							
RT 	4	2	800	5 ⁵ / ₈	17/16	5 ¹ / ₂	71RT04201
	5	2	1000	6 ¹ / ₂	1 ¹³ / ₁₆	6 ¹ / ₄	71RT05201
	6	2	1200	7 ¹ / ₂	2 ¹ / ₄	6 ³ / ₄	71RT06201
	8	2	1400	10 ¹ / ₈	2 ¹ / ₄	8 ¹ / ₂	71RT08201


	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Heavy Duty Glass Filled Nylon (01 Roller Bearing)							
DT 	4	2	1000	5 ⁵ / ₈	17/16	6 ¹ / ₂	71DT04201
	5	2	1200	6 ¹ / ₂	1 ¹³ / ₁₆	6 ³ / ₄	71DT05201
	6	2	1400	7 ¹ / ₂	2 ¹ / ₄	7 ³ / ₄	71DT06201
	8	2	1500	10 ¹ / ₈	2 ¹ / ₄	10	71DT08201


+ For swivel models add "S", for rigid model add "R" to end of base caster number.


	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
X-Treme™ Plus Solid Polyurethane (01 Roller Bearing)*							
XP 	4	2	1400	5 ⁵ / ₈	17/16	6 ¹ / ₂	71XP04201
	5	2	1200	6 ¹ / ₂	1 ¹³ / ₁₆	6 ³ / ₄	71XP05201
	6	2	1400	7 ¹ / ₂	2 ¹ / ₄	7 ³ / ₄	71XP06201
	8	2	1200	10 ¹ / ₈	2 ¹ / ₄	10	71XP08201
*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29). Change "01" to other bearing code. Pedestal Precision example: 71XP04229.							


	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Phenolic (01 Roller Bearing)							
TM 	3 ¹ / ₄	2	700	5 ¹ / ₄	17/16	6	71TM03201
	4	2	800	5 ⁵ / ₈	17/16	6 ¹ / ₂	71TM04201
	5	2	1000	6 ¹ / ₂	1 ¹³ / ₁₆	6 ³ / ₄	71TM05201
	6	2	1200	7 ¹ / ₂	2 ¹ / ₄	7 ³ / ₄	71TM06201
8	2	1400	10 ¹ / ₈	2 ¹ / ₄	10	71TM08201	


	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Maxim® (01 Roller Bearing)*							
NG 	3 ¹ / ₄	2	700	5 ¹ / ₄	17/16	6	71NG03201
	4	2	800	5 ⁵ / ₈	17/16	6 ¹ / ₂	71NG04201
	5	2	1000	6 ¹ / ₂	1 ¹³ / ₁₆	6 ³ / ₄	71NG05201
	6	2	1200	7 ¹ / ₂	2 ¹ / ₄	7 ³ / ₄	71NG06201
8	2	1400	10 ¹ / ₈	2 ¹ / ₄	10	71NG08201	
Prevenz™ antimicrobial models available. Add PREV to end of model. *Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29). Change "01" to other bearing code. Pedestal Precision example: 71NG04229.							

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Trionix™ High Impact Polymer (28 Precision Ball Bearing)							
NX 	4	2	1500	5 ⁵ / ₈	17/16	6 ¹ / ₂	71NX04228
	5	2	1500	6 ¹ / ₂	1 ¹³ / ₁₆	7	71NX05228
	6	2	1500	7 ¹ / ₂	2 ¹ / ₄	7 ¹ / ₂	71NX06228
	8	2	1500	10 ¹ / ₈	2 ¹ / ₄	9 ¹ / ₂	71NX08228

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Cast Iron (01 Roller Bearing)							
CA 	3 ¹ / ₄	2	700	5 ¹ / ₄	17/16	8 ¹ / ₄	71CA03201
	4	17/8	1000	5 ⁵ / ₈	17/16	8 ¹ / ₄	71CA04201
	5	17/8	1300	6 ¹ / ₂	1 ¹ / ₂	9 ¹ / ₄	71CA05201
	6	17/8	1400	7 ¹ / ₂	2 ¹ / ₄	11 ¹ / ₄	71CA06201
8	2	1500	10 ¹ / ₈	2 ¹ / ₄	14 ¹ / ₂	71CA08201	

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Heavy Duty Cast Iron (01 Roller Bearing)							
CH 	5	2	1500	6 ¹ / ₂	1 ¹ / ₂	10	71CH05201
	6	2	1500	7 ¹ / ₂	2 ¹ / ₄	12	71CH06201
	8	2	1500	10 ¹ / ₈	2 ¹ / ₄	15	71CH08201

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Drop Forged Steel (01 Roller Bearing)*							
FS 	4	1 ¹ / ₂	1400	5 ⁵ / ₈	17/16	8 ¹ / ₄	71FS04101
	5	1 ³ / ₄	1500	6 ¹ / ₂	1 ¹ / ₂	10 ¹ / ₄	71FS05201
	6	2	1500	7 ¹ / ₂	2 ¹ / ₄	11 ¹ / ₄	71FS06201
*Tapered Roller bearings (09) available. Change "01" to other bearing code. Example: 71FS04109.							

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Ductile Iron Crowned Tread (01 Roller Bearing)							
FR, FM 	5	2	1500	6 ¹ / ₂	1 ¹ / ₂	10	71FR05201
	6	2	1500	7 ¹ / ₂	2 ¹ / ₄	12	71FR06201
	8	2	1500	10 ¹ / ₈	2 ¹ / ₄	15	71FR08201
	*Roller (09) and Precision Ball (28) bearings available. Change "01" to other bearing code. Tapered Roller example: 71FR05209. Note: Ductile Iron Flat Tread (FM) models available. Change FR wheel code to FM. Example: 71FM05201.						



Premium Quality



Environmentally Friendly

72

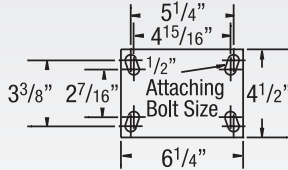
Medium Heavy Duty Casters

CAPACITY TO 1600



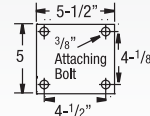
This heavy duty hot forged steel caster is designed for extended life in rugged applications. They will outperform cold forged or stamped steel casters in swivel applications requiring severe service.

MOUNTING OPTIONS Standard Plate

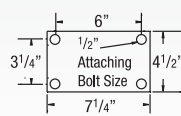


Special Order Plates

Optional D Plate



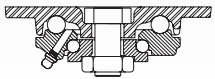
Optional W Plate



TYPICAL APPLICATIONS

- Production racks and fixtures
- Live skids and Box trucks

SWIVEL CROSS SECTION



FEATURES

- **Top Plate:** Rugged AISI 1045 Drop forged steel for maximum strength
- **Swivel Section:** Double ball bearing "deep-groove" load and machined component thrust raceways
- **Legs:** 1/4" steel, engineered to increase strength and welded construction
- **King Bolt:** 3/4" diameter heat treated bolt and nut for enhanced load capacity
- **Axle:** 1/2" diameter, hollow, with lock nut. Solid axle on ball, and Oilex bearings
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle
- Alternate or custom caster configurations available

RIG OPTIONS

- Neoprene **sealed swivel** section specify **NS72**
- **Heat treated raceway** specify **HT02**
- **Hollow axle** for plain bore and Oilex applications specify **ZF07** (For up to 2" wide wheels)
- **NSF Listed** for food service industry specify **NSF**

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 72XS06201**SCB72**

Cam specify **CB72**



Face specify **FBB**

Single Side specify **SSB72**. Double Sided specify **DSB72**



Poly Cam specify **P**

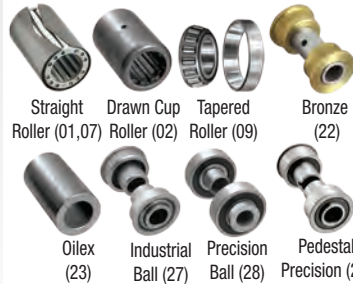


Swivel Lock (welded) specify **L**



Hand operated field installable swivel lock order **SL720000** separately

BEARING OPTIONS



+ For swivel models add "S", for rigid model add "R" to end of base caster number.

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
MR	4	2	300	5 ⁵ / ₈	1 ⁷ / ₁₆	8	72MR04201
	5	2	450	6 ¹ / ₂	1 ¹³ / ₁₆	8 ¹ / ₂	72MR05201
	6	2	500	7 ¹ / ₂	2 ¹ / ₄	9	72MR06201
	6	2 ¹ / ₂	700	7 ¹ / ₂	2 ¹ / ₄	15 ¹ / ₂	72MR06407
	8	2	600	10 ¹ / ₈	2 ¹ / ₄	14	72MR08201
	8	2 ¹ / ₂	850	10 ¹ / ₈	2 ¹ / ₄	16 ³ / ₄	72MR08407
	10	2 ¹ / ₂	950	11 ¹ / ₂	2 ¹ / ₄	20 ³ / ₄	72MR10407

Heavy Duty Moldon Rubber on Cast Iron (01, 07 Roller Bearing)

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
MH	5	2	700	6 ¹ / ₂	1 ¹³ / ₁₆	8 ¹ / ₂	72MH05201
	6	2	820	7 ¹ / ₂	2 ¹ / ₄	9	72MH06201
	8	2	1000	10 ¹ / ₈	2 ¹ / ₄	14	72MH08201
	8	2 ¹ / ₂	1300	10 ¹ / ₈	2 ¹ / ₄	16 ³ / ₄	72MH08407
	10	2 ¹ / ₂	1500	11 ¹ / ₂	2 ¹ / ₄	20 ³ / ₄	72MH10407

Moldon Rubber on Aluminum (01 Roller Bearing)

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
MD	4	2	400	5 ⁵ / ₈	1 ⁷ / ₁₆	8	72MD04201
	5	2	500	6 ¹ / ₂	1 ¹³ / ₁₆	8 ¹ / ₂	72MD05201
	6	2	550	7 ¹ / ₂	2 ¹ / ₄	9	72MD06201
	8	2	600	10 ¹ / ₈	2 ¹ / ₄	11 ¹ / ₄	72MD08201

+ For swivel models add "S", for rigid model add "R" to end of base caster number.

X-tra Soft Flat Tread (01 Roller Bearing)*

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
XS	4	2	400	5 ⁵ / ₈	1 ⁷ / ₁₆	7 ¹ / ₄	72XS04201
	5	2	500	6 ¹ / ₂	1 ¹³ / ₁₆	7 ³ / ₄	72XS05201
	6	2	600	7 ¹ / ₂	2 ¹ / ₄	8 ¹ / ₂	72XS06201
	8	2	675	10 ¹ / ₈	2 ¹ / ₄	10 ¹ / ₄	72XS08201

Prevenz™ antimicrobial models available. Add PREV to end of model.
*Precision Ball (28) Bearings available.
Change "01" to "28" bearing code. Precision Ball example: 72XS04228.

X-tra Soft Round Tread (01 Roller Bearing)*

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
XR	6	2	450	7 ¹ / ₂	2 ¹ / ₄	8 ¹ / ₁	72XR06201
	8	2	600	10 ¹ / ₈	2 ¹ / ₄	10 ¹ / ₄	72XR08201

Prevenz™ antimicrobial models available. Add PREV to end of model.
*Precision Ball (28) bearings available.
Change "01" to "28" bearing code. Precision Ball example: 72XR06228.


Continue on next page >>


72 SERIES • CAPACITY TO 1600


MEDIUM HEAVY DUTY CASTERS


72 Series Continued


+ For swivel models add "S", for rigid model add "R" to end of base caster number.


	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Polyurethane on Aluminum Crown Tread (01 Roller Bearing)							
PD 	4	2	700	55/8	17/16	73/4	72PD04201
	5	2	1050	61/2	113/16	81/2	72PD05201
	6	2	1230	71/2	21/4	9	72PD06201
	8	2	1500	101/8	21/4	11	72PD08201


	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Polyurethane on Cast Iron (01 Roller Bearing)							
PI 	6	2 1/2	1200	7 1/2	2 1/4	12 1/2	72PI06401
	8	2 1/2	1500	10 1/8	2 1/4	16	72PI08401
	10	2 1/2	1500	11 1/2	2 1/4	17	72PI10401


	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)							
AX 	4	2	800	55/8	17/16	9	72AX04228
	5	2	1000	61/2	113/16	8 1/4	72AX05228
	6	2	1250	71/2	21/4	9 1/4	72AX06228
	8	2	1500	10 1/8	2 1/4	12 1/4	72AX08228
	85 Shore A						

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)							
PM 	5	2	1000	6 1/2	1 13/16	8 1/4	72PM05228
	6	2	1250	7 1/2	2 1/4	9 1/4	72PM06228
	8	2	1500	10 1/8	2 1/4	12 1/4	72PM08228
	95 Shore A						


	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Polyurethane on Cast Iron (01 & 07 Roller Bearing)							
PY 	4	2	750	55/8	2 1/4	10 3/4	72PY04201
	5	2	1050	6 1/2	1 13/16	8 3/4	72PY05201
	6	2	1200	7 1/2	2 1/4	12 3/4	72PY06201
	6	2 1/2	1600	7 1/2	2 1/4	13 3/4	72PY06407
	8	2	1500	10 1/8	2 1/4	16 1/2	72PY08201
	8	2 1/2	1600	10 1/8	2 1/4	17 1/2	72PY08407
	10	2 1/2	1600	11 1/2	2 1/4	19	72PY10407
	80A Durometer available, add "80A" to end of caster number. 80A capacity reduced by approximately 20%. Swivel example: 16PY06201 S80A .						


	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Polyurethane on Polypropylene (01 Roller Bearing)							
XA 	4	2	600	55/8	17/16	7 1/4	72XA04201
	5	2	750	6 1/2	1 13/16	7 3/4	72XA05201
	6	2	900	7 1/2	2 1/4	8 1/2	72XA06201
	8	2	1000	10 1/8	2 1/4	10 1/4	72XA08201
	Prevenz™ antimicrobial models available. Add PREV to end of caster number.						

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
X-Treme™ Solid Polyurethane (01 Roller Bearing)*							
XI 	4	2	1000	55/8	17/16	7 1/2	72XI04201
	5	2	1000	6 1/2	1 13/16	8 1/2	72XI05201
	6	2	1000	7 1/2	2 1/4	9 1/2	72XI06201
	8	2	1000	10 1/8	2 1/4	11 3/4	72XI08201
	*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29) bearings available. Change "01" to other bearing code. Pedestal Precision example: 72XI04229.						

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
X-Treme™ Plus Solid Polyurethane (28 Precision Ball Bearing)*							
XP 	4	2	1400	55/8	17/16	7 1/2	72XP04228
	5	2	1200	6 1/2	1 13/16	8 1/2	72XP05228
	6	2	1400	7 1/2	2 1/4	9 1/2	72XP06228
	8	2	1200	10 1/8	2 1/4	10	72XP08228
	*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29) bearings available. Change "01" to other bearing code. Pedestal Precision example: 72XP04229.						


+ For swivel models add "S", for rigid model add "R" to end of base caster number.


	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Phenolic (01, 07 Roller Bearing)							
TM 	4	2	800	55/8	17/16	7 1/2	72TM04201
	5	2	1000	6 1/2	1 13/16	8 1/2	72TM05201
	6	2	1200	7 1/2	2 1/4	9 1/2	72TM06201
	6	2 1/2	1600	7 1/2	2 1/4	10 3/4	72TM06407
	8	2	1400	10 1/8	2 1/4	11 3/4	72TM08201
	8	2 1/2	1600	10 1/8	2 1/4	13 1/4	72TM08407
	10	2 1/2	1600	11 1/2	2 1/4	15	72TM10407


	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Maxim® (01 Roller Bearing)*							
NG 	4	2	800	55/8	17/16	7 1/2	72NG04201
	5	2	1000	6 1/2	1 13/16	8 1/2	72NG05201
	6	2	1200	7 1/2	2 1/4	9 1/2	72NG06201
	8	2	1400	10 1/8	2 1/4	11 3/4	72NG08201


Prevenz™ antimicrobial models available.
Add PREV to end of model.


*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29) bearings available.
Change "01" to other bearing code. Pedestal Precision example: 72NG04229.

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Trionix™ High Impact Polymer (28 Precision Ball Bearing)							
NX 	4	2	1600	55/8	17/16	9	72NX04228
	5	2	1600	6 1/2	1 13/16	10 1/2	72NX05228
	6	2	1600	7 1/2	2 1/4	12 1/2	72NX06228
	6	2 1/2	1600	7 1/2	2 1/4	13	72NX06428
	8	2	1600	10 1/8	2 1/4	15 3/4	72NX08228
	8	2 1/2	1600	10 1/8	2 1/4	16 1/4	72NX08428

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Cast Iron (01 & 07 Roller Bearing)							
CA 	4	17/8	1000	55/8	17/16	9 1/4	72CA04201
	5	17/8	1300	6 1/2	1 13/16	10 3/4	72CA05201
	6	17/8	1400	7 1/2	2 1/4	12 3/4	72CA06201
	6	2 1/2	1600	7 1/2	2 1/4	16 1/2	72CA06407
	8	2	1600	10 1/8	2 1/4	16	72CA08201
	8	2 1/2	1600	10 1/8	2 1/4	18 1/4	72CA08407

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Heavy Duty Cast Iron (01 Roller Bearing)							
CH 	5	2	1500	6 1/2	1 13/16	11 3/4	72CH05201
	6	2	1600	7 1/2	2 1/4	14	72CH06201
	8	2	1600	10 1/8	2 1/4	17	72CH08201

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Drop Forged Steel (01 Roller Bearing)*							
FS 	4	1 1/2	1400	55/8	17/16	9 1/4	72FS04101
	5	1 3/4	1500	6 1/2	1 13/16	12	72FS05201
	6	2	1600	7 1/2	2 1/4	13	72FS06201
	*Tapered Roller bearings (09) available. Change "01" to other bearing code. Example: 72FS04109.						

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Ductile Iron Crowned Tread (01 Roller Bearing)*							
FR, FM 	5	2	1500	6 1/2	1 13/16	11 3/4	72FR05201
	6	2	1600	7 1/2	2 1/4	14	72FR06201
	6	2 1/2	1600	7 1/2	2 1/4	15	72FR06401
	8	2	1600	10 1/8	2 1/4	17	72FR08201
	*Tapered Roller (09) and Precision Ball (28) bearings available. Change "01" to other bearing code. Tapered Roller example: 72FR05209. Note: Ductile Iron Flat Tread (FM) models available. Change FR wheel code to FM. Example: 72FM05201.						

MAINTENANCE FREE MEDIUM HEAVY DUTY CASTERS

CAPACITY RANGE 350-2000 LBS



68 Series

Ergonomic Maintenance Free Caster
with AX Wheel



Ergonomic



Maintenance Free

Common Applications:

- Production Racks and Carts
- Conveyor Systems
- Part Carts
- Tool Dollies
- Floor Trucks
- Warehouse Trucks
- Distribution Cages and Carts



18 Series Maintenance Free
Capacity to 1250 **36-37**

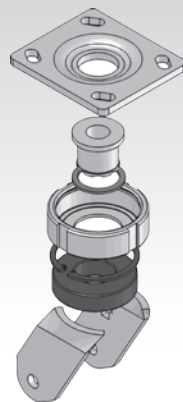


68 Series Maintenance Free
Capacity to 2000 **38-39**

Maintenance Free Advantage

- Ergonomically designed
- Easier push/pull force
- Quieter operation
- Reduced maintenance costs
- Long life in towing application (68 Series)

Maintenance Free Rig + AX Wheel = Preferred Ergonomic Solution



**SEALED PRECISION SWIVEL BEARING
PROVIDES EXCELLENT ERGONOMICS
WITH NO MAINTENANCE**
• UP TO 2,000 LBS. CAPACITY



- **EASIEST MOVEMENT**
- **REDUCES NOISE**
- **DEBRIS RESISTANT**
- **FLOOR PROTECTIVE**

MAINTENANCE FREE MEDIUM HEAVY DUTY

18

Maintenance Free Ergonomic Precision Casters

CAPACITY TO 1250

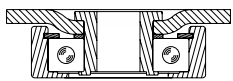


Ergonomically designed for ease of movement and quiet mobility. Sealed precision swivel bearing is maintenance free and significantly reduces push/pull force, keeping equipment operators safer and improving efficiency.

TYPICAL APPLICATIONS

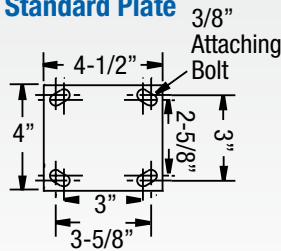
- Picking carts
- Light towing carts
- JIT Carts
- AGV & tow line applications

MAINTENANCE FREE SWIVEL CROSS SECTION

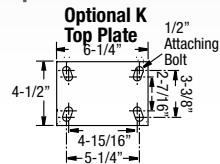


MOUNTING OPTIONS

Standard Plate

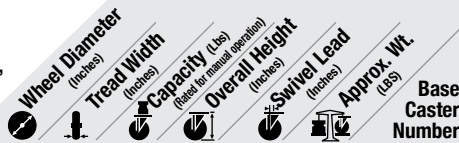


Special Order Plate*



* K Plate available on 6" and 8" wheel diameter models; consult factory

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE TREAD MODELS

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

AN	4	2	800	55/8	111/16	5 1/2	18AN04228S
	5	2	1000	6 1/2	15/8	6	18AN05228S
	6	2	1250	7 1/2	13/4	7	18AN06228S
	8	2	1250	9 1/2	13/4	9	18AN08228S

85 Shore A Standard Bearing: Precision Ball (28)
Learn more at right with new patent pending top hats.

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

AX	4	2	800	55/8	111/16	5 1/2	18AX04228S
	5	2	1000	6 1/2	15/8	6	18AX05228S
	6	2	1250	7 1/2	13/4	7	18AX06228S
	8	2	1250	9 1/2	13/4	9	18AX08228S

85 Shore A Standard Bearing: Precision Ball (28)
Learn more at right with new patent pending top hats.



Quiet



Ergonomic



Maintenance Free



Premium Quality



Environmentally Friendly

FEATURES

- **Top Plate & Yoke Base:** Cold formed from 1/4" steel plate. Yoke base is notched for factory or field-installable 4-position swivel lock
- **Swivel Section:** Precision sealed ball bearing eliminates need for routine maintenance
- **Legs:** 1/4" steel, formed to increase strength and welded on inside and outside of yoke base (swivel only)
- **Axle:** 1/2" diameter solid axle with Lock Nut
- **Maintenance Free:** Lubrication unnecessary with maintenance free swivel section and wheel bearing design
- **Finish:** All parts, except wheel, are zinc plated

ACCESSORIES

To order, add brake code below to end of model. Example: 18XS06228SFBC

Face brake specify **FBC**



Face brake specify **FBB**

Face brake specify **FBE**



Hand operated field installable **swivel lock** order **SL160000** separately

BEARING OPTIONS



Precision Ball (28)

Foot operated field installable **swivel lock** order **SL160002** separately



- Sealed Precision Swivel
- Maintenance Free Operation
- Smooth, Quiet Ride

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE TREAD MODELS CONTINUED

Green Round Polyurethane Tread on Aluminum

PM	5	2	1000	6 1/2	15/8	6	18PM05228S
	6	2	1250	7 1/2	13/4	7	18PM06228S
	8	2	1250	9 1/2	13/4	9	18PM08228S

95 Shore A Standard Bearing: Precision Ball (28)

Butterscotch Round Tread Polyurethane on Aluminum

PM 80A	5	2	1000	6 1/2	15/8	6	18PM05228S80A
	6	2	1250	7 1/2	13/4	7	18PM06228S80A
	8	2	1250	9 1/2	13/4	9	18PM08228S80A

80 Shore A Standard Bearing: Precision Ball (28)
To Specify Rigid or Swivel, insert "R" or "S" before "80A".

CG-MAX EFFICIENCY WHEEL™

See wheel section for more information or ...

Visit albiocasters.com/CG-MAX for additional information and CAD models.



Continue on next page >>

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.

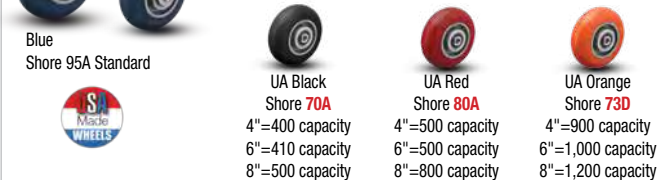


POLYURETHANE TREAD MODELS CONTINUED

Magnum Round Tread Polyurethane on Aluminum

UA	5	2	700	6 1/2	1 5/8	6	18UA05228S
	6	2	750	7 1/2	1 3/4	7	18UA06228S
	8	2	900	9 1/2	1 3/4	9	18UA08228S

Standard Bearing: Precision Ball (28)



To order color/durometer enter durometer code at end of model. Red wheel example: 18UA08228S80A.S.

Aubin Industries Swivel-EAZ® Dual Round Tread

EY	4	2	675	5 5/8	1 11/16		18EY04228S
	5	2	900	6 1/2	1 5/8		18EY05228S
	6	2	1250	7 1/2	1 3/4		18EY06228S
	8	2	1250	9 1/2	1 3/4		18EY08228S

Standard Bearing: Precision Ball (28)

Aubin Industries Swivel-EAZ® Dual Flat Tread

EZ	4	2	900	5 5/8	1 11/16		18EZ04228S
	5	2	1250	6 1/2	1 5/8		18EZ05228S
	6	2	1250	7 1/2	1 3/4		18EZ06228S
	8	2	1250	9 1/2	1 3/4		18EZ08228S

Standard Bearing: Precision Ball (28)

Yellow Polyurethane Tread on Heavy Duty Iron

PF	6	2	1250	7 1/2	1 3/4	7	18PF06228S
	8	2	1250	9 1/2	1 3/4	9	18PF08228S

95 Shore A

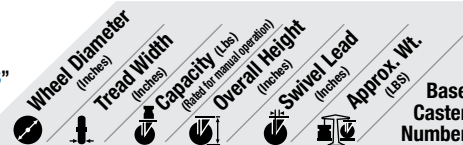
Standard Bearing: Precision Ball (28)

Solid Elastomer Polyurethane

SE	4	2	1000	5 5/8	1 11/16	6	18SE04228S
	5	2	1000	6 1/2	1 5/8	6 1/2	18SE05228S
	6	2	1100	7 1/2	1 3/4	7 1/4	18SE06228S
	8	2	1200	9 1/2	1 3/4	9	18SE08228S

Standard Bearing: Precision Ball (28)

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



NYLON TREAD MODELS

Trionix™ High Impact Polymer

NX	4	2	1250	5 5/8	1 11/16	8	18NX04228S
	5	2	1250	6 1/2	1 5/8	9	18NX05228S
	6	2	1250	7 1/2	1 3/4	10 3/4	18NX06228S
	8	2	1250	9 1/2	1 3/4	11	18NX08228S

Standard Bearing: Precision Ball (28)

Heavy Duty Glass Filled Nylon

DT	4	2	800	5 5/8	1 11/16		18DT04228S
	5	2	1000	6 1/2	1 5/8		18DT05228S
	6	2	1200	7 1/2	1 3/4		18DT06228S
	8	2	1250	9 1/2	1 3/4		18DT08228S

Standard Bearing: Precision Ball (28)

RUBBER TREAD MODELS

X-tra Soft Flat Tread on Polypropylene

XS	4	2	350	5 5/8	1 11/16	6 1/4	18XS04228S
	5	2	375	6 1/2	1 5/8	7	18XS05228S
	6	2	600	7 1/2	1 3/4	6 1/2	18XS06228S
	8	2	675	9 1/2	1 3/4	7 1/2	18XS08228S

Standard Bearing: Precision Ball (28)

X-tra Soft Round Tread on Polypropylene

XR	6	2	450	7 1/2	1 3/4	6 1/2	18XR06228S
	8	2	600	9 1/2	1 3/4	7 1/2	18XR08228S

Standard Bearing: Precision Ball (28)

Neoprene Rubber on Aluminum

NP	6	2	700	7 1/2	1 3/4		18NP06228S
	8	2	700	9 1/2	1 3/4		18NP08228S

Standard Bearing: Precision Ball (28)

Black Monoprene Semi-Pneumatic

SZ	6	2	250	7 1/2	1 3/4		18SZ06228S
	8	2	280	9 1/2	1 3/4		18SZ08228S

Standard Bearing: Precision Ball (28)

Grey Monoprene Semi-Pneumatic

SV	6	2	250	7 1/2	1 3/4		18SV06228S
	8	2	280	9 1/2	1 3/4		18SV08228S

Standard Bearing: Precision Ball (28)

18 Series Wheel Selection Hints



Polyurethane

- Excellent multi-purpose wheels
- Non-marking, floor protective
- Excellent capacity, wear resistance, and strength
- Various durometers, thicknesses



Nylon

- High load capacities
- Impact resistant
- Corrosion resistant
- High-temp options



Rubber/Pneumatic Style

- Floor protection
- Quiet mobility
- Cost effective
- Shock absorption
- Debris rejection

68

Maintenance Free Kingpinless Casters

CAPACITY TO 2000



Quiet



Ergonomic



Maintenance Free



Premium Quality



Environmentally Friendly

FEATURES

- **Top Plate & Yoke Base:** Cold formed from 5/16" steel plate.
- **Swivel Section:** Precision sealed ball bearing eliminates need for routine maintenance
- **Legs:** 5/16" steel, formed to increase strength and welded on inside and outside of yoke base
- **Axle:** 1/2" diameter solid axle with lock nut
- **Finish:** Yellow zinc dichromate
- **Maintenance Free:** Lubrication unnecessary with maintenance free swivel section and wheel bearing design

BEARING OPTIONS

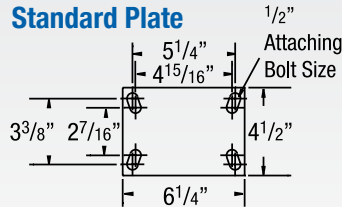


Precision Ball (28)

Specifically designed for the rugged use at automotive plants, this series is exceptional for towing and impact applications when durability is needed. Special construction provides extremely smooth operation at all times.

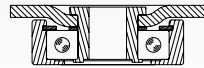
MOUNTING OPTIONS

Standard Plate



SWIVEL CROSS SECTION

Maintenance Free



TYPICAL APPLICATIONS

- Towing
- Just-In-Time Manufacturing
- Tilt Carts

- Designed for rugged use at automotive plants
- Sealed Precision Swivel
- Maintenance Free Operation
- Smooth, Quiet Ride

Drive lasting results with

CG-MAX EFFICIENCY WHEEL™

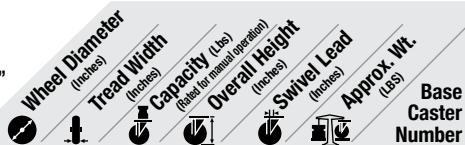


- Our most advanced polyurethane wheel
- ANSI:ICWM tested to outlast and outperform the competition
- Best-in-class ergonomics increase user safety and reduce fatigue
- Patent pending self-retaining top hats reduce environmental and assembly waste
- Debris resistant

Visit albioncasters.com/CG-MAX for additional information and CAD models.



Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

AN	6	2	1250	8 ¹ / ₄	1 ³ / ₄	10	68AN06228S
	8	2	1500	10 ¹ / ₄	2 ⁵ / ₁₆	14	68AN08228S

85 Shore A
Learn more on previous page

Standard Bearing: Precision Ball (28)
with new patent pending top hats.

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

AX	6	2	1250	8 ¹ / ₄	1 ³ / ₄	10	68AX06228S
	8	2	1500	10 ¹ / ₄	2 ⁵ / ₁₆	14	68AX08228S

85 Shore A
Learn more on previous page

Standard Bearing: Precision Ball (28)
with new patent pending top hats.

Green Round Tread Polyurethane on Aluminum

PM	6	2	1250	8 ¹ / ₄	1 ³ / ₄	10	68PM06228S
	8	2	1500	10 ¹ / ₄	2 ⁵ / ₁₆	14	68PM08228S

Standard Bearing: Precision Ball (28).

Butterscotch Round Tread Polyurethane on Aluminum

PM 80A	6	2	1250	8 ¹ / ₄	1 ³ / ₄	10	68PM06228S80A
	8	2	1500	10 ¹ / ₄	2 ⁵ / ₁₆	14	68PM08228S80A

Standard Bearing: Precision Ball (28)
with new patent pending top hats.

To Specify Rigid or Swivel, insert "R" or "S" before "80A".

Aubin Industries Swivel-EAZ® Dual Round Tread

EY*	6	2	1425	8 ¹ / ₄	1 ³ / ₄	10	68EY06228S
	8	2	2000	10 ¹ / ₄	2 ⁵ / ₁₆	14	68EY08228S

Standard Bearing: Precision Ball (28).

*Additional durometers available; consult factory.

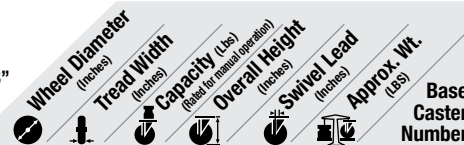
Aubin Industries Swivel-EAZ® Dual Flat Tread

EZ*	6	2	1900	8 ¹ / ₄	1 ³ / ₄	10	68EZ06228S
	8	2	2000	10 ¹ / ₄	2 ⁵ / ₁₆	14	68EZ08228S

Standard Bearing: Precision Ball (28).

*Additional durometers available; consult factory.

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



POLYURETHANE MODELS (CONTINUED)

Yellow Polyurethane Tread on Heavy Duty Iron

PF	6	2	2000	8 ¹ / ₄	1 ³ / ₄	10	68PF06228S
	8	2	2000	10 ¹ / ₄	2 ⁵ / ₁₆	14	68PF08228S

Standard Bearing: Precision Ball (28).

Solid Elastomer

SE	6	2	1100	8 ¹ / ₄	1 ³ / ₄	10	68SE06228S
	8	2	1200	10 ¹ / ₄	2 ⁵ / ₁₆	14	68SE08228S

Standard Bearing: Precision Ball (28).

NYLON MODELS

Trionix™ High Impact Polymer

NX	6	2	2000	8 ¹ / ₄	1 ³ / ₄	11	68NX06228S
	8	2	2000	10 ¹ / ₄	2 ⁵ / ₁₆	15	68NX08228S

Standard Bearing: Precision Ball (28).

Heavy Duty Glass Filled Nylon

DT	6	2	1200	8 ¹ / ₄	1 ³ / ₄	9	68DT06228S
	8	2	1400	10 ¹ / ₄	2 ⁵ / ₁₆	13	68DT08228S

Standard Bearing: Precision Ball (28).

RUBBER MODELS

Neoprene Rubber Round Tread on Aluminum

NP	6	2	700	8 ¹ / ₄	1 ³ / ₄	10	68NP06228S
	8	2	700	10 ¹ / ₄	2 ⁵ / ₁₆	14	68NP08228S

Standard Bearing: Precision Ball (28).

68 Series Wheel Selection Hints



CG-MAX PM EY EZ PF SE

Polyurethane

- Excellent multi-purpose wheels
- Non-marking, floor protective
- Excellent capacity, wear resistance, and strength
- Various durometers, thicknesses



NX DT

Nylon

- High load capacities
- Impact resistant
- Corrosion resistant
- High-temp options



NP

Rubber

- Floor protection
- Quiet mobility
- Cost effective
- Shock absorption
- Debris rejection

WHY KINGPINLESS?

Kingpinless casters *eliminate* **kingpin failure.**

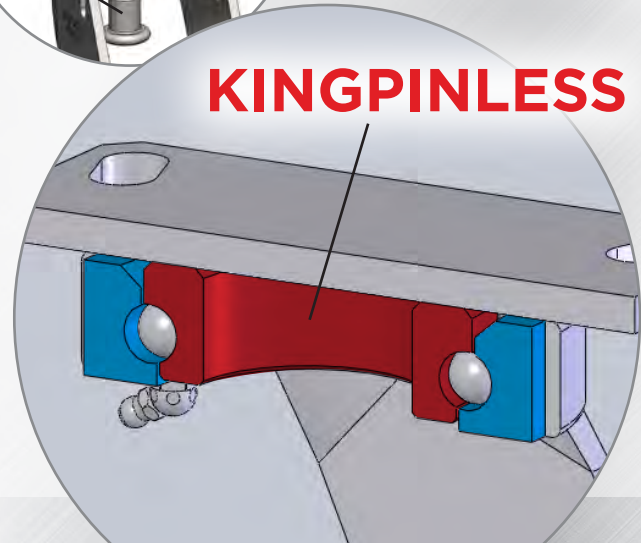
Kingpinless casters are particularly well-suited for any type of power-towed applications where impact and shock loading cause failure in conventional king bolt and nut swivel casters.

A caster with a “kingpin” is the most common, traditional style swivel caster. All the elements that work together to let the caster swivel are held together by one kingpin. In high impact applications, the kingpin becomes strained over time and will fail rendering the caster useless.

A kingpinless caster has a precision machined inner raceway, where large ball bearings are held in between the top plate and yoke base. This allows for greater load distribution, easier swiveling, and eliminates the number one cause of swivel caster failure.



85% of Caster failures are due to **Kingpin Failure.**



Contender Kingpinless Models



Single Wheel
Pages 41 - 58



Dual Wheel
Pages 105 - 108



Spring Loaded
Pages 93 - 99

Albion's leading lineup of kingpinless casters are ready to keep you rolling longer, and eliminate the issue you may have with conventional kingpin style casters that simply can't hold up to your rugged application. Available in single, dual, and spring loaded - we have your heavy duty needs covered all the way up to 30,000 lbs.!

Stainless Kingpinless



Sometimes even heavy duty casters need protection from the elements - and Albion offers the leading stainless selection of kingpinless casters. Prevent corrosion, maintain clean and safe operations, and keep on rolling in the toughest of environments.

Pages 75-86



HEAVY DUTY KINGPINLESS CASTERS

CAPACITY RANGE 300-20000 LBS



410 Contender Series
Heavy Duty Kingpinless Caster

Common Applications:

- Conveyor-Drawn Tow-Trucks
- Heavy Duty Bakery Racks
- Production Dollies
- Heavy Duty Dough Troughs
- Body Dolly Carts
- Engine Dollies
- Material Carts
- Aircraft Maintenance Stands
- Aircraft Engine Stands



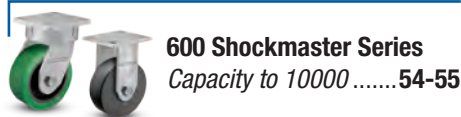
110 Contender Series
Capacity to 200042-44



610 Contender Series
Capacity to 950052-53



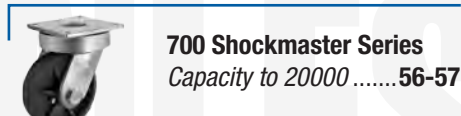
170 Economy Series
Capacity to 150046-47



600 Shockmaster Series
Capacity to 1000054-55



310 Contender Series
Capacity to 410048-49



700 Shockmaster Series
Capacity to 2000056-57



410 Contender Series
Capacity to 540050-51

HEAVY DUTY KINGPINLESS

Premium and Specialty Heavy Duty Kingpinless Casters That May Interest You ...

STAINLESS STEEL CASTERS



If your heavy duty casters are exposed to cleaning agents, steam, water, caustic solutions or other agents that cause rust, switch to Stainless Steel to extend your caster life (pages 75-86).

KINGPINLESS SPRING LOADED CASTERS



If you need casters that offer spring loaded protection from damaging shock, unwanted vibration and noise levels, see the Spring Loaded Section (pages 93-99).

110

Contender™ Kingpinless Casters

CAPACITY TO 2000

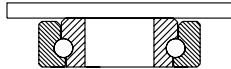


Precision raceways and fully heat treated construction make the 110 Series the ideal solution for applications exposed to rugged conditions or high amounts of impact and shock. More durable than competitors' case or induction hardened construction, and longer lasting than conventional kingpin designs.

TYPICAL APPLICATIONS

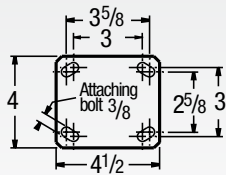
- Dollies
- Dough troughs
- Platform trucks
- Tow line
- Utility carts
- Tooling fixtures
- Scrap metal carriers

SWIVEL CROSS SECTION

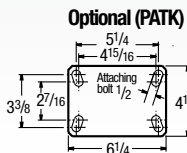


Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

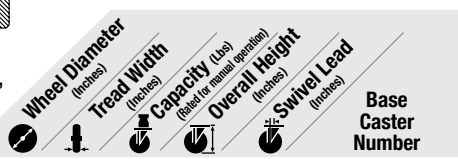
MOUNTING OPTIONS Standard Plate



Special Order Plate



Consult factory for additional mounting options



POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

AN	4	2	800	5 5/8	1 3/16	110AN04228S
	5	2	1000	6 1/2	1 3/8	110AN05228S
	6	2	1250	7 1/2	1 9/16	110AN06228S
	8	2	1500	10 1/8	2 1/4	110AN08228S



85 Shore A

Learn more at right

Standard Bearing: Precision Ball (28) with new patent pending top hats.

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

AX	4	2	800	5 5/8	1 3/16	110AX04228S
	5	2	1000	6 1/2	1 3/8	110AX05228S
	6	2	1250	7 1/2	1 9/16	110AX06228S
	8	2	1500	10 1/8	2 1/4	110AX08228S



85 Shore A

Learn more at right

Standard Bearing: Precision Ball (28) with new patent pending top hats.



FEATURES

- 3 Year warranty
- Top Plate: 5/16" AISI 1045 steel welded and heat treated for longer life
- Yoke Base: Notched AISI 1045 steel
- Swivel Section: One row of 3/8" ball bearings mounted in a heat treated precision machined raceway. Zerk in swivel section
- Axle: 1/2" diameter hollow axle with zerk fitting on roller and tapered bearing models (Solid axle on precision ball models)
- Finish: Zinc plating
- Alternate or custom caster configurations available

BEARING OPTIONS



Straight Roller (01) Precision Ball (28)
Consult factory for additional bearing options.

TOE GUARD



Specify TO for caster integrated toe guard. Standard model toe guards are 1/2" from the floor.

STAINLESS STEEL OPTION

See 120 Series



RIG OPTIONS

- Optional overall heights of 9 1/2 for 8" wheel diameter models add -01 to end of caster number
- Optional swivel leads of 2-1/4" for 6" casters and 3-1/2" for 8" casters. To order, add X to end of model number. Consult factory for specification support, as load capacities may reduce based on application or equipment design.

POLYURETHANE MODELS (CONTINUED)

Green Round Tread Polyurethane on Aluminum

PM	5	2	1000	6 1/2	1 3/8	110PM05228S
	6	2	1250	7 1/2	1 9/16	110PM06228S
	8	2	1500	10 1/8	2 1/4	110PM08228S



95 Shore A

Standard Bearing: Precision Ball (28).

Drive lasting results with

CG-MAX EFFICIENCY WHEEL™

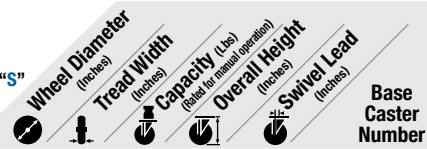
See wheel section for more information or ...

Visit albioncasters.com/CG-MAX for additional information and CAD models.




Base Swivel Caster
Number In Chart

For rigid models change "S"
to "R" at end of base
caster number.





POLYURETHANE MODELS (CONTINUED)

Butterscotch Round Tread Polyurethane on Aluminum


PM 80A 	5	2	1000	6 1/2	1 3/8	110PM05228S80A
	6	2	1250	7 1/2	1 9/16	110PM06228S80A
	8	2	1500	10 1/8	2 1/4	110PM08228S80A
80 Shore A		Standard Bearing: Precision Ball (28). To Specify Rigid or Swivel, insert "R" or "S" before "80A".				

Magnum Polyurethane on Aluminum Round Tread


UA 	4	2	700	5 5/8	1 3/16	110UA04228S
	6	2	750	7 1/2	1 9/16	110UA06228S
	8	2	900	10 1/8	2 1/4	110UA08228S
Standard Bearing: Precision Ball (28).						
Blue Shore 95A Standard		UA Black Shore 70A	UA Red Shore 80A	UA Orange Shore 73D		
	4"=400 capacity 6"=410 capacity 8"=500 capacity	4"=500 capacity 6"=500 capacity 8"=800 capacity	4"=900 capacity 6"=1,000 capacity 8"=1,200 capacity			

To order color/durometer enter durometer code at end of model. Red wheel example: 110UA08228S80AS.


Aubin Industries Swivel-EAZ® Dual Round Tread

EY 	4	2	675	5 5/8	1 3/16	110EY04228S
	5	2	900	6 1/2	1 3/8	110EY05228S
	6	2	1425	7 1/2	1 9/16	110EY06228S
	8	2	2000	10 1/8	2 1/4	110EY08228S
Standard Bearing: Precision Ball (28).						


Aubin Industries Swivel-EAZ® Dual Crowned Tread

EZ 	4	2	900	5 5/8	1 3/16	110EZ04228S
	5	2	1400	6 1/2	1 3/8	110EZ05228S
	6	2	1900	7 1/2	1 9/16	110EZ06228S
	8	2	2000	10 1/8	2 1/4	110EZ08228S
Standard Bearing: Precision Ball (28).						


Green Polyurethane Crowned Tread on Aluminum

PD 	4	2	700	5 5/8	1 3/16	110PD04201S
	5	2	1050	6 1/2	1 3/8	110PD05201S
	6	2	1230	7 1/2	1 9/16	110PD06201S
	8	2	1500	10 1/8	2 1/4	110PD08201S
Standard Bearing: Roller (01).						


Yellow Polyurethane Tread on Heavy Duty Iron

PF 	6	2	2000	7 1/2	1 9/16	110PF06228S
	8	2	2000	10 1/8	2 1/4	110PF08228S
	95 Shore A		Standard Bearing: Precision Ball (28).			

Solid Elastomer Polyurethane


SE 	4	2	1000	5 5/8	1 3/16	110SE04228S
	5	2	1000	6 1/2	1 3/8	110SE05228S
	6	2	1200	7 1/2	1 9/16	110SE06228S
	8	2	1200	10 1/8	2 1/4	110SE08228S
Standard Bearing: Precision Ball (28).						

Polyurethane on Polypropylene

XA 	4	2	600	5 5/8	1 3/16	110XA04229S
	5	2	750	6 1/2	1 3/8	110XA05229S
	6	2	900	7 1/2	1 9/16	110XA06229S
	8	2	1200	10 1/8	2 1/4	110XA08229S
Standard Bearing: Pedestal Precision Ball (29).						

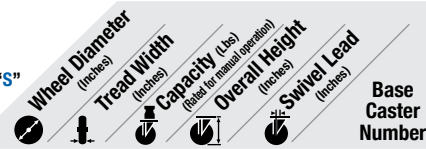
NYLON MODELS

Trionix™ High Impact Polymer

NX 	4	2	2000	5 5/8	1 3/16	110NX04228S
	5	2	2000	6 1/2	1 3/8	110NX05228S
	6	2	2000	7 1/2	1 9/16	110NX06228S
	8	2	2000	10 1/8	2 1/4	110NX08228S
Standard Bearing: Precision Ball (28).						


Base Swivel Caster
Number In Chart

For rigid models change "S"
to "R" at end of base
caster number.




NYLON MODELS (CONTINUED)

High Temp Glass Filled Nylon


HT 	4	2	800	5 5/8	1 3/16	110HT04201S
	5	2	1000	6 1/2	1 3/8	110HT05201S
	6	2	1200	7 1/2	1 9/16	110HT06201S
	8	2	1400	10 1/8	2 1/4	110HT08201S
Standard Bearing: Roller (01).		Optional Bearing: Plain Bore (41). Change 01 above to bearing code.				

Heavy Duty Glass Filled Nylon


DT 	4	2	1000	5 5/8	1 3/16	110DT04228S
	5	2	1200	6 1/2	1 3/8	110DT05228S
	6	2	1400	7 1/2	1 9/16	110DT06228S
	8	2	1600	10 1/8	2 1/4	110DT08228S
Standard Bearing: Precision Ball (28).						

METAL MODELS


Ductile Iron Crowned Tread

FR 	5	2	1500	6 1/2	1 3/8	110FR05201S
	6	2	2000	7 1/2	1 9/16	110FR06201S
	8	2	2000	10 1/8	2 1/4	110FR08201S
Standard Bearing: Roller (01). Optional Bearing: Precision Ball (28). Change 01 above to 28.						

Cast Iron


CA 	4	17/8	1000	5 5/8	1 3/16	110CA04201S
	5	17/8	1300	6 1/2	1 3/8	110CA05201S
	6	17/8	1400	7 1/2	1 9/16	110CA06201S
	8	2	1800	10 1/8	2 1/4	110CA08201S
Standard Bearing: Roller (01).						

V-Grooved Cast Iron


VG 	4	2	800	5 5/8	1 3/16	110VG04201S
	5	2	800	6 1/2	1 3/8	110VG05201S
	6	2	1000	7 1/2	1 9/16	110VG06201S
Standard Bearing: Roller (01).						

RUBBER MODELS


X-tra Soft Flat Tread on Polypropylene

XS 	4	2	400	5 5/8	1 3/16	110XS04228S
	5	2	500	6 1/2	1 3/8	110XS05228S
	6	2	600	7 1/2	1 9/16	110XS06228S
	8	2	675	10 1/8	2 1/4	110XS08228S
Standard Bearing: Precision Ball (28).						


X-tra Soft Round Tread on Polypropylene

XR 	6	2	450	7 1/2	1 9/16	110XR06228S
	8	2	600	10 1/8	2 1/4	110XR08228S
	Standard Bearing: Precision Ball (28).					

Neoprene Rubber Round Tread on Aluminum


NP 	6	2	700	7 1/2	1 9/16	110NP06228S
	8	2	700	10 1/8	2 1/4	110NP08228S
	Standard Bearing: Precision Ball (28).					

Neoprene Rubber Crowned Tread on Aluminum

MG 	4	2	500	5 5/8	1 3/16	110MG04228S
	5	2	600	6 1/2	1 3/8	110MG05228S
	6	2	700	7 1/2	1 9/16	110MG06228S
	8	2	700	10 1/8	2 1/4	110MG08228S
Standard Bearing: Precision Ball (28).						

PHENOLIC MODELS

Phenolic

TM 	4	2	800	5 5/8	1 3/16	110TM04201S
	5	2	1000	6 1/2	1 3/8	110TM05201S
	6	2	1200	7 1/2	1 9/16	110TM06201S
	8	2	1400	10 1/8	2 1/4	110TM08201S
Standard Bearing: Roller (01).						



Need even more load capacity?

Check out our USA Made 310 and 410 Series Kingpinless Casters – also featuring an industry leading 3 Year Warranty:

310 Series (up to 4,100 lb. capacity each) – pages **48-49**

410 Series (up to 5,400 lb. capacity each) – pages **50-51**

ALBION®

the caster experts

Made in the **USA**

INTRODUCING THE
LASER CUT
CONTENDER™ KINGPINLESS

310 & 410 SERIES

- NEW Precision Laser Cut Designs
- Industry Leading 3-Year Warranty
- 310 Now Featuring Thicker 3/8" Legs for Increased Strength
- Proudly Made in the USA
- Premium Quality and Performance
- Newly Designed Brakes and Toe Guards Coming Soon

View Product on
Pages 48 – 51

New Precision Laser Cut Design
Premium USA-made Quality

NEW

AlbionCasters.com

170

Heavy Duty Kingpinless Casters

CAPACITY TO 1500

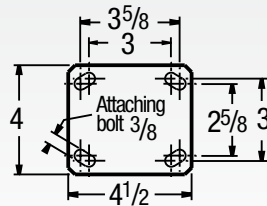


One year standard warranty. Ideal for economical applications where kingpin casters will not simply hold up to shock or impact. Also review our 110 Series for even higher load capacities and a 3-year warranty.

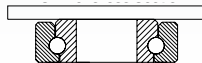
TYPICAL APPLICATIONS

- Dollies
- Dough troughs
- Platform trucks
- Tow line
- Utility carts
- Tooling fixtures
- Scrap metal carriers

MOUNTING OPTIONS Standard Plate



SWIVEL CROSS SECTION



Economical



Ergonomic

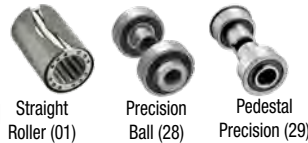


Towing[^]

FEATURES

- **Top Plate:** 5/16" AISI 1045 steel
- **Yoke Base:** Notched AISI 1045 steel
- **Swivel Section:** One row of 3/8" ball bearings are mounted in a precision machined 2-3/8" diameter raceway. Zerk in swivel section
- **Axle:** 1/2" diameter hollow axle with zerk fitting on roller and tapered bearing models (Solid axle on Delrin, precision ball, and Oilx models)
- **Finish:** Zinc plating
- Alternate or custom caster configurations available

BEARING OPTIONS



STAINLESS STEEL OPTION

See 120 Series



RIG OPTIONS

- **Optional swivel leads** of 3-1/2" for 8" casters. To order, add **X** to end of model number. Consult factory for specification support, as load capacities may reduce based on application or equipment design.
- **Optional overall heights** of 10 1/8" for 8" wheel diameter models remove **-01** at end of caster number

ACCESSORIES

To order, add brake code below to end of model. Example: 170XS06201SCB170

Cam brake specify **CB170**



Face brake specify **FBB**

Face brake specify **FCB** (Not compatible with swivel lock on 4" and 5" sizes)



Swivel Lock
Hand operated field installable swivel lock specify **L**

Foot operated field installable **swivel lock** order **SL160002** separately



Drive lasting results with

CG-MAX EFFICIENCY WHEEL™



See wheel section for more information or ...

Visit albioncasters.com/CG-MAX for additional information and CAD models.

Base Swivel Caster

Number In Chart

For rigid models change "S" to "R" at end of base caster number.

POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

AN	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
	4	2	800	5 5/8	1 3/16	170AN04228S
	5	2	1000	6 1/2	1 3/8	170AN05228S
	6	2	1250	7 1/2	1 9/16	170AN06228S
	8	2	1500	9 1/2	2 1/4	170AN08228S-01

85 Shore A
Learn more at right
Standard Bearing: Precision Ball (28) with new patent pending top hats.

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

AX	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
	4	2	800	5 5/8	1 3/16	170AX04228S
	5	2	1000	6 1/2	1 3/8	170AX05228S
	6	2	1250	7 1/2	1 9/16	170AX06228S
	8	2	1500	9 1/2	2 1/4	170AX08228S-01

85 Shore A
Learn more at right
Standard Bearing: Precision Ball (28) with new patent pending top hats.

Base Swivel Caster

Number In Chart

For rigid models change "S" to "R" at end of base caster number.

POLYURETHANE MODELS (CONTINUED)

Green Round Tread Polyurethane on Aluminum

PM	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
	5	2	1000	6 1/2	1 3/8	170PM05228S
	6	2	1250	7 1/2	1 9/16	170PM06228S
	8	2	1500	9 1/2	2 1/4	170PM08228S-01

95 Shore A
Standard Bearing: Precision Ball (28).

Butterscotch Round Tread Polyurethane on Aluminum

PM 80A	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
	5	2	1000	6 1/2	1 3/8	170PM05228S80A
	6	2	1250	7 1/2	1 9/16	170PM06228S80A
	8	2	1500	9 1/2	2 1/4	170PM08228S-0180A

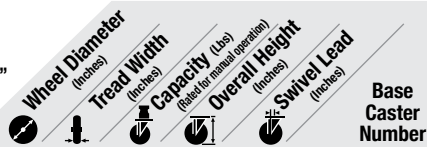
80 Shore A
Standard Bearing: Precision Ball (28).
To Specify Rigid or Swivel, insert "R" or "S" before "80A".

Yellow Polyurethane on Heavy Duty Cast Iron

PF	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
	6	2	1500	7 1/2	1 9/16	170PF06228S
	8	2	1500	9 1/2	2 1/4	170PF08228S-01

95 Shore A
Standard Bearing: Precision Ball (28).

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



POLYURETHANE MODELS (CONTINUED)

Solid Elastomer Polyurethane

SE		4	2	1000	5 ⁵ / ₈	1 ³ / ₁₆	170SE04228S
		5	2	1000	6 ¹ / ₂	1 ³ / ₈	170SE05228S
		6	2	1200	7 ¹ / ₂	1 ⁹ / ₁₆	170SE06228S
		8	2	1200	9 ¹ / ₂	2 ¹ / ₄	170SE08228S-01

Standard Bearing: Precision Ball (28).

Polyurethane on Polypropylene

XA		4	2	600	5 ⁵ / ₈	1 ³ / ₁₆	170XA04201S
		5	2	750	6 ¹ / ₂	1 ³ / ₈	170XA05201S
		6	2	900	7 ¹ / ₂	1 ⁹ / ₁₆	170XA06201S
		8	2	1000	9 ¹ / ₂	2 ¹ / ₄	170XA08201S-01

Standard Bearing: Roller (01).

NYLON MODELS

Maxim® Nylon Glass

NG		4	2	800	5 ⁵ / ₈	1 ³ / ₁₆	170NG04201S
		5	2	1000	6 ¹ / ₂	1 ³ / ₈	170NG05201S
		6	2	1200	7 ¹ / ₂	1 ⁹ / ₁₆	170NG06201S
		8	2	1400	9 ¹ / ₂	2 ¹ / ₄	170NG08201S-01

Standard Bearing: Roller (01).

METAL MODELS

Cast Iron

CA		4	2	1000	5 ⁵ / ₈	1 ³ / ₁₆	170CA04201S
		5	2	1300	6 ¹ / ₂	1 ³ / ₈	170CA05201S
		6	2	1400	7 ¹ / ₂	1 ⁹ / ₁₆	170CA06201S
		8	2	1500	9 ¹ / ₂	2 ¹ / ₄	170CA08201S-01

Standard Bearing: Roller (01).

V-Groove Cast Iron

VG		4	2	800	5 ⁵ / ₈	1 ³ / ₁₆	170VG04201S
		5	2	800	6 ¹ / ₂	1 ³ / ₈	170VG05201S
		6	2	1000	7 ¹ / ₂	1 ⁹ / ₁₆	170VG06201S

Standard Bearing: Roller (01).

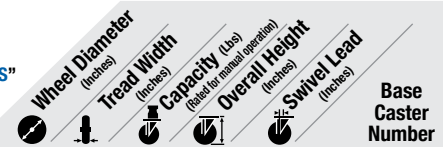
RUBBER MODELS

X-tra Soft Flat Tread on Polypropylene

XS		4	2	400	5 ⁵ / ₈	1 ³ / ₁₆	170XS04201S
		5	2	500	6 ¹ / ₂	1 ³ / ₈	170XS05201S
		6	2	600	7 ¹ / ₂	1 ⁹ / ₁₆	170XS06201S
		8	2	675	9 ¹ / ₂	2 ¹ / ₄	170XS08201S-01

Standard Bearing: Roller (01).
Optional Bearing: Precision Ball (28); change 01 above to 28.

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



RUBBER MODELS (CONTINUED)

X-tra Soft Round Tread on Polypropylene

XR		6	2	450	7 ¹ / ₂	1 ⁹ / ₁₆	170XR06201S
		8	2	600	9 ¹ / ₂	2 ¹ / ₄	170XR08201S-01

Standard Bearing: Roller (01).
Optional Bearing: Precision Ball (28);
change 01 above to 28.

Moldon Rubber on Cast Iron

MR		4	2	300	5 ⁵ / ₈	1 ³ / ₁₆	170MR04201S
		5	2	450	6 ¹ / ₂	1 ³ / ₈	170MR05201S
		6	2	500	7 ¹ / ₂	1 ⁹ / ₁₆	170MR06201S
		8	2	600	9 ¹ / ₂	2 ¹ / ₄	170MR08201S-01

Standard Bearing: Roller (01).

PNEUMATIC STYLE MODELS

Monoprene Semi-Pneumatic

SZ		6	2	250	7 ¹ / ₂	1 ⁹ / ₁₆	170SZ06228S
		8	2	280	9 ¹ / ₂	2 ¹ / ₄	170SZ08228S-01

Standard Bearing: Precision Ball (28).
For grey tread specify "SV" wheel code
(example 170SV05228S).

PHENOLIC MODELS

Phenolic

TM		4	2	800	5 ⁵ / ₈	1 ³ / ₁₆	170TM04201S
		5	2	1000	6 ¹ / ₂	1 ³ / ₈	170TM05201S
		6	2	1200	7 ¹ / ₂	1 ⁹ / ₁₆	170TM06201S
		8	2	1400	9 ¹ / ₂	2 ¹ / ₄	170TM08201S-01

Standard Bearing: Roller (01).

POLYPROPYLENE MODELS

Glass Filled Polypropylene

RT		4	2	800	5 ⁵ / ₈	1 ³ / ₁₆	170RT04201S
		5	2	1000	6 ¹ / ₂	1 ³ / ₈	170RT05201S
		6	2	1200	7 ¹ / ₂	1 ⁹ / ₁₆	170RT06201S
		8	2	1400	9 ¹ / ₂	2 ¹ / ₄	170RT08201S-01

Standard Bearing: Roller (01).
Optional Bearings: Plan Bore (41);
Change 01 above to 41.

170 Series Wheel Selection Hints



CG-MAX PM PF



SE XA



NG



CA VG

Metal tread

- High load capacities
- Handles the most abuse
- Impact resistant
- Resistant to hot and cold temperatures



XS XR MR SZ

Rubber

- Floor protection
- Quiet mobility
- Cost effective
- Shock absorption



Phenolic

- High load capacities
- Impact resistant
- Economical
- High-temp options



RT

Polypropylene

- Most economical
- Lightweight
- High-temp options

Polyurethane

- Excellent multi-purpose wheels
- Non-marking, floor protective
- Excellent capacity, wear resistance, and strength
- Various durometers, thicknesses

Nylon

- High load capacities
- Impact resistant
- Corrosion resistant
- High-temp options

310

Made in the USA
Contender™
Kingpinless Casters
CAPACITY TO 4100



Constructed from high quality, heat treated AISI 1045 laser-cut steel. Precision machined raceway, fully welded legs (inside and outside), and kingpinless design delivers superior strength in rugged applications.

TYPICAL APPLICATIONS

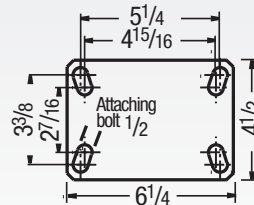
- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs

SWIVEL CROSS SECTION

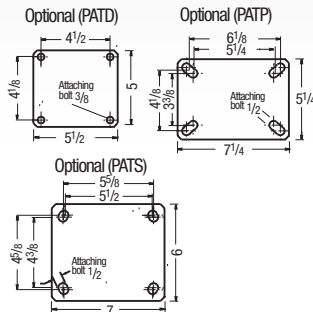


MOUNTING OPTIONS

Standard Plate



Special Order Plate



+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Moldon Rubber on Cast Iron (01 Roller Bearing)*

MR/MH	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
	6	2 1/2	700	7 1/2	1 3/8	310MR06401
	6	3	750	7 1/2	1 3/8	310MR06501
	8	2 1/2	850	10 1/8	2 1/16	310MR08401
	8	3	900	10 1/8	2 1/16	310MR08501
	10	2 1/2	950	11 1/2	2 1/4	310MR10401
	10	2 1/2**	1500	11 1/2	2 1/4	310MH10401
	10	3	1000	11 1/2	2 1/4	310MR10501
	10	3**	1800	11 1/2	2 1/4	310MH10501
	12	2 1/2	950	13 1/2	2 11/16	310MR12401
	12	2 1/2**	1700	13 1/2	2 11/16	310MH12401
	12	3	1200	13 1/2	2 11/16	310MR12501

*MR available with Tapered Roller (09) bearings. Change "01" to "09". Example: 310MR10409.

**Heavy-duty MH version of wheel.



Premium Quality



Towing[^]



Environmentally Friendly

FEATURES

- New laser cut steel construction
- 3 Year warranty
- Top Plate: 5/16" AISI 1045 heat treated steel welded inside and out for longer life
- Swivel Section: One row of 1/2" ball bearings mounted in a heat treated precision machined raceway. Zerk in swivel section
- Yoke Base: Notched AISI 1045 steel
- Legs: 3/8" thick welded inside and out
- Axle: 3/4" diameter
- Finish: RoHS Zinc plating, for greater corrosion resistance than paint
- Alternate or custom caster configurations available

RIG OPTIONS

- **Optional Towable Swivel Leads:**
 6" dia. 2-7/32"
 8" dia. 2-15/16"
 10" dia. 3-3/8"
 12" dia. 4-5/16"
 Consult factory for capacity changes. To order add **XL** to end of model. Example: 310MR06401**SXL**
- **Optional Spring Loaded:** Greater capacity and better shock protection. Noise levels are reduced through the dampening effect of these casters. See pages 94-95

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 310PY08401**SP**

Poly Cam specify **P**



PLB Integrated specify **PLB**

Single Side specify **SSB310**. Double Sided specify **DSB310**

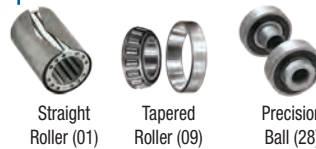


Face Contact specify **FBB**

Hand Operated Swivel Lock specify **L**



BEARING OPTIONS



TOE GUARD



Specify **TOE** for caster integrated toe guard. Standard model toe guards are 1/2" from the floor.

STAINLESS STEEL OPTION

See page 84



Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (rated for manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Base Caster Number+

Polyurethane on Cast Iron (01 Roller Bearing)*

PY	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
	6	2 1/2	1600	7 1/2	1 3/8	310PY06401
	6	3	2000	7 1/2	1 3/8	310PY06501
	8	2 1/2	2000	10 1/8	2 1/16	310PY08401
	8	3	2500	10 1/8	2 1/16	310PY08501
	10	2 1/2	2300	11 1/2	2 1/4	310PY10401
	10	3	3000	11 1/2	2 1/4	310PY10501
	12	2 1/2	2700	13 1/2	2 11/16	310PY12401
	12	3	3500	13 1/2	2 11/16	310PY12501

PY 80A



*Tapered Roller (09) bearings available. Change "01" to "09". Example: 310PY10409.

80A Durometer available, add "80A" to end of caster number. 80A capacity reduced by approximately 20%. Swivel example: 310PY06401**S80A**.

Continue on next page >>

+ For swivel models add "S", for rigid model add "R" to end of base caster number.



Polyurethane on Aluminum (01 Roller Bearing)*

PD	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
8	2 1/2	2010	10 1/8	2 1/16	310PD08401	
8	3	2520	10 1/8	2 1/16	310PD08501	
10	2 1/2	2370	11 1/2	2 1/4	310PD10401	
10	3	3000	11 1/2	2 1/4	310PD10501	

Standard durometer 95 Shore A. Other durometers available.
*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 310PD10409.

Thick Tread Polyurethane (01 Roller Bearing)*

PX	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	3	2250	7 1/2	1 3/8	310PX06501	
8	3	2780	10 1/8	2 1/16	310PX08501	
10	2 1/2	2600	11 1/2	2 1/4	310PX10401	
10	3	3300	11 1/2	2 1/4	310PX10501	
12	3	3760	13 1/2	2 11/16	310PX12501	

Standard durometer 95 Shore A. Other durometers available.
*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 310PX10409.

Aubin Industries Swivel-EAZ® Crown Tread (28 Prec. Ball Bearing)

EY	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	3	2137	7 1/2	1 3/8	310EY06528	
8	3	3250	10 1/8	2 1/16	310EY08528	
10	3	3800	11 1/2	2 1/4	310EY10528	
12	3	4000	13 1/2	2 11/16	310EY12528	

Aubin Industries Swivel-EAZ® Flat Tread (28 Prec. Ball Bearing)

EZ	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	3	2850	7 1/2	1 3/8	310EZ06528	
8	3	4000	10 1/8	2 1/16	310EZ08528	
10	3	4100	11 1/2	2 1/4	310EZ10528	
12	3	4100	13 1/2	2 11/16	310EZ12528	

Polyurethane on Cast Iron (01 Roller Bearing)

PI	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	2 1/2	1600	7 1/2	1 3/8	310PI06401	
6	3	2000	7 1/2	1 3/8	310PI06501	
8	2 1/2	2000	10 1/8	2 1/16	310PI08401	
8	3	2500	10 1/8	2 1/16	310PI08501	
10	2 1/2	2200	11 1/2	2 1/4	310PI10401	
10	3	2800	11 1/2	2 1/4	310PI10501	
12	2 1/2	2500	13 1/2	2 11/16	310PI12401	
12	3	3000	13 1/2	2 11/16	310PI12501	

Polyurethane on Heavy Duty Cast Iron (28 Precision Ball Bearing)*

PF	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	2 1/2	2900	7 1/2	1 3/8	310PF06428	
8	2 1/2	3100	10 1/8	2 1/16	310PF08428	
8	3	4000	10 1/8	2 1/16	310PF08528	
10	3	4100	11 1/2	2 1/4	310PF10528	

95 Shore A
*Tapered Roller (09) bearings available. Change "28" to "09".
Example: 310PF10509.

Polyurethane Reactive on Iron (28 Precision Ball Bearing)*

PR	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
10	3	2400	11 1/2	2 1/4	310PR10528	
12	3	2800	13 1/2	2 11/16	310PR12528	

80 Shore A
*Tapered Roller (09) bearings available. Change "28" to "09".
Example: 310PR10509.

Vulkollan on Cast Iron (01 Roller Bearing)*

VY	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	2 1/2	2350	7 1/2	1 3/8	310VY06401	
6	3	3000	7 1/2	1 3/8	310VY06501	
8	2 1/2	2900	10 1/8	2 1/16	310VY08401	
8	3	4000	10 1/8	2 1/16	310VY08501	
10	3	4100	11 1/2	2 1/4	310VY10501	

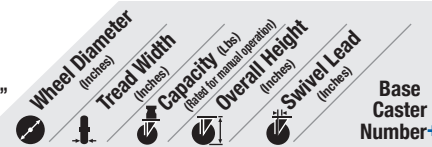
*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 310VY10509.

Vulkollan Thick Tread Polyurethane (01 Roller Bearing)*

VX	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	3	3000	7 1/2	1 3/8	310VX06501	
8	3	4000	10 1/8	2 1/16	310VX08501	
10	3	4100	11 1/2	2 1/4	310VX10501	

*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 310VX10509.

+ For swivel models add "S", for rigid model add "R" to end of base caster number.



X-treme Plus Solid Polyurethane (28 Precision Ball Bearing)

XP	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
8	2 1/2	2000	10 1/8	2 1/16	310XP08428	
8	3	2000	10 1/8	2 1/16	310XP08528	
10	2 1/2	2500	11 1/2	2 1/4	310XP10428	
10	3	2500	11 1/2	2 1/4	310XP10528	

Phenolic (01 Roller Bearing)*

TM	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	2 1/2	1600	7 1/2	1 3/8	310TM06401	
6	3	2000	7 1/2	1 3/8	310TM06501	
8	2 1/2	2000	10 1/8	2 1/16	310TM08401	
8	3	2500	10 1/8	2 1/16	310TM08501	
10	2 1/2	2500	11 1/2	2 1/4	310TM10401	
10	3	2900	11 1/2	2 1/4	310TM10501	
12	2 1/2	3000	13 1/2	2 11/16	310TM12401	
12	3	3500	13 1/2	2 11/16	310TM12501	

*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 310TM10409.

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

NX	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	2 1/2	4100	7 1/2	1 3/8	310NX06428	
6	3	4100	7 1/2	1 3/8	310NX06528	
8	2 1/2	4100	10 1/8	2 1/16	310NX08428	
8	3	4100	10 1/8	2 1/16	310NX08528	
10	2 1/2	4100	11 1/2	2 1/4	310NX10428	
10	3	4100	11 1/2	2 1/4	310NX10528	

Cast Iron (01 Roller Bearing)*

CA	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	2 1/2	2300	7 1/2	1 3/8	310CA06401	
6	3	2800	7 1/2	1 3/8	310CA06501	
8	2 1/2	2300	10 1/8	2 1/16	310CA08401	
8	3	2800	10 1/8	2 1/16	310CA08501	
10	2 1/2	2300	11 1/2	2 1/4	310CA10401	
10	3	2800	11 1/2	2 1/4	310CA10501	
12	3	2800	13 1/2	2 11/16	310CA12501	

*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 310CA10409.

V-Groove Cast Iron (01 Roller Bearing)*

VG/VF	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	2 1/2	2500	7 1/2	1 3/8	310VG06401	
8	2 1/2	2500	10 1/8	2 1/16	310VG08401	
8	3	2500	10 1/8	2 1/16	310VG08501	
10	3	3500	11 1/2	2 1/4	310VG10501	

V-Groove Drop Forged Steel (01 Roller Bearing)

VS	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
8	3	4100	10 1/8	2 1/16	310VF08501	

*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 310VF10409.

Drop Forged Steel (01 Roller Bearing)*

FS	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	2 1/2	4000	7 1/2	1 3/8	310FS06401	
8	2 1/2	4000	10 1/8	2 1/16	310FS08401	
8	3	4100	10 1/8	2 1/16	310FS08501	
10	3	4100	11 1/2	2 1/4	310FS10501	

*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 310FS10509.

Ductile Iron Crowned Tread (01 Roller Bearing)*

FR, FM, VM	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
6	2 1/2	3500	7 1/2	1 3/8	310FR06401	
6	3	4100	7 1/2	1 3/8	310FR06501	
8	3	4100	10 1/8	2 1/16	310FR08501	
10	3	4100	11 1/2	2 1/4	310FR10501	

*Tapered Roller (09) bearings available.
Change "01" to other bearing code. Example: 310FR08509.
Ductile Iron Flat Tread (FM) and V-Groove (VM) models available.
Change FR wheel code to FM or VM. Example: 310FM08501.

410

Made in the USA
Contender™
Kingpinless Casters
CAPACITY TO 5400

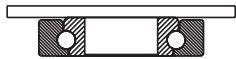


Constructed from high quality, heat treated AISI 1045 laser-cut steel. Precision machined race-way, fully welded legs (inside and outside), and kingpinless design delivers superior strength in rugged applications.

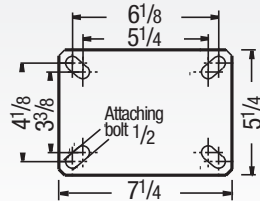
TYPICAL APPLICATIONS

- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs

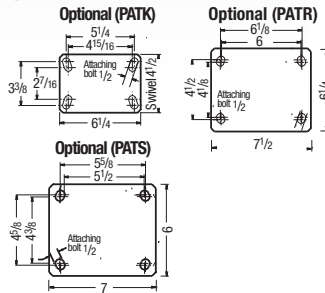
SWIVEL CROSS SECTION



MOUNTING OPTIONS Standard Plate



Special Order Plate



Premium Quality



Towing[^]



Environmentally Friendly

FEATURES

- **New laser-cut steel construction**
- **3 Year warranty**
- **Top Plate:** 3/8" AISI 1045 heat treated steel welded inside and out for longer life
- **Swivel Section:** One row of 1/2" ball bearings mounted in a heat treated precision machined race-way. Zerk in swivel section
- **Yoke Base:** Notched AISI 1045 steel
- **Legs:** 3/8" thick welded inside and out
- **Axle:** 3/4" diameter
- **Finish:** RoHS Zinc plating, for greater corrosion resistance than paint
- Alternate or custom caster configurations available

RIG OPTIONS

- **Optional Spring Loaded:** Greater capacity and better shock protection. Noise levels are reduced through the dampening effect of these casters. See pages 96-97.



BRAKE OPTIONS

To order, add brake code below to end of model. Example: 410PY08401SP

Poly Cam
specify **P**



PLB Integrated
specify **PLB**

Single Side specify **SSB410**. **Double Sided** specify **DSB410**

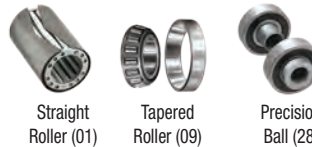


Face Contact
specify **FBB**

Hand Operated Swivel Lock
specify **L**



BEARING OPTIONS



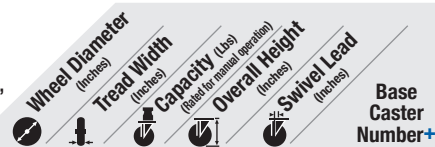
TOE GUARD



Specify **TOE** for caster integrated toe guard. Standard

model toe guards are 1/2" from the floor.

+ For swivel models add "S", for rigid model add "R" to end of base caster number.



Polyurethane on Aluminum (01 Roller Bearing)*

PD	8	2 1/2	2010	10 1/2	2 15/16	410PD08401
	8	3	2520	10 1/2	2 15/16	410PD08501
	10	2 1/2	2370	12 1/2	3 3/8	410PD10401
	10	3	3000	12 1/2	3 3/8	410PD10501

*Tapered Roller (09) bearings and Precision Bearing (28) available. Change "01" to other bearing code. Tapered example: 410PD08409.

Polyurethane on Cast Iron (01 Roller Bearing)*

PY	6	2 1/2	1600	8	27/32	410PY06401
	6 <td>3 <td>2000 <td>8 <td>27/32 <td>410PY06501</td> </td></td></td></td>	3 <td>2000 <td>8 <td>27/32 <td>410PY06501</td> </td></td></td>	2000 <td>8 <td>27/32 <td>410PY06501</td> </td></td>	8 <td>27/32 <td>410PY06501</td> </td>	27/32 <td>410PY06501</td>	410PY06501
	8 <td>2 1/2 <td>2000 <td>10 1/2 <td>2 15/16 <td>410PY08401</td> </td></td></td></td>	2 1/2 <td>2000 <td>10 1/2 <td>2 15/16 <td>410PY08401</td> </td></td></td>	2000 <td>10 1/2 <td>2 15/16 <td>410PY08401</td> </td></td>	10 1/2 <td>2 15/16 <td>410PY08401</td> </td>	2 15/16 <td>410PY08401</td>	410PY08401
	8 <td>3 <td>2500 <td>10 1/2 <td>2 15/16 <td>410PY08501</td> </td></td></td></td>	3 <td>2500 <td>10 1/2 <td>2 15/16 <td>410PY08501</td> </td></td></td>	2500 <td>10 1/2 <td>2 15/16 <td>410PY08501</td> </td></td>	10 1/2 <td>2 15/16 <td>410PY08501</td> </td>	2 15/16 <td>410PY08501</td>	410PY08501
	10 <td>2 1/2 <td>2300</td> <td>12 1/2</td> <td>3 3/8 <td>410PY10401</td> </td></td>	2 1/2 <td>2300</td> <td>12 1/2</td> <td>3 3/8 <td>410PY10401</td> </td>	2300	12 1/2	3 3/8 <td>410PY10401</td>	410PY10401
	10 <td>3 <td>3000</td> <td>12 1/2</td> <td>3 3/8 <td>410PY10501</td> </td></td>	3 <td>3000</td> <td>12 1/2</td> <td>3 3/8 <td>410PY10501</td> </td>	3000	12 1/2	3 3/8 <td>410PY10501</td>	410PY10501
	12 <td>2 1/2 <td>2700</td> <td>15 1/2</td> <td>4 5/16 <td>410PY12401</td> </td></td>	2 1/2 <td>2700</td> <td>15 1/2</td> <td>4 5/16 <td>410PY12401</td> </td>	2700	15 1/2	4 5/16 <td>410PY12401</td>	410PY12401
	12 <td>3 <td>3500</td> <td>15 1/2</td> <td>4 5/16 <td>410PY12501</td> </td></td>	3 <td>3500</td> <td>15 1/2</td> <td>4 5/16 <td>410PY12501</td> </td>	3500	15 1/2	4 5/16 <td>410PY12501</td>	410PY12501

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 410PY10509.

80A Durometer available, add "80A" to end of caster number. 80A capacity reduced by approximately 20%. Swivel example: 410PY08401S80A.

Aubin Industries Swivel-EAZ® Round Tread (28 Prec. Ball Bearing)

EY	6	3	2137	8	27/32	410EY06528
	8 <td>3 <td>3250 <td>10 1/2 <td>2 15/16 <td>410EY08528</td> </td></td></td></td>	3 <td>3250 <td>10 1/2 <td>2 15/16 <td>410EY08528</td> </td></td></td>	3250 <td>10 1/2 <td>2 15/16 <td>410EY08528</td> </td></td>	10 1/2 <td>2 15/16 <td>410EY08528</td> </td>	2 15/16 <td>410EY08528</td>	410EY08528
	10 <td>3 <td>3800 <td>12 1/2 <td>3 3/8 <td>410EY10528</td> </td></td></td></td>	3 <td>3800 <td>12 1/2 <td>3 3/8 <td>410EY10528</td> </td></td></td>	3800 <td>12 1/2 <td>3 3/8 <td>410EY10528</td> </td></td>	12 1/2 <td>3 3/8 <td>410EY10528</td> </td>	3 3/8 <td>410EY10528</td>	410EY10528
	12 <td>3 <td>4000 <td>15 1/2 <td>4 5/16 <td>410EY12528</td> </td></td></td></td>	3 <td>4000 <td>15 1/2 <td>4 5/16 <td>410EY12528</td> </td></td></td>	4000 <td>15 1/2 <td>4 5/16 <td>410EY12528</td> </td></td>	15 1/2 <td>4 5/16 <td>410EY12528</td> </td>	4 5/16 <td>410EY12528</td>	410EY12528

+ For swivel models add "S", for rigid model add "R" to end of base caster number.

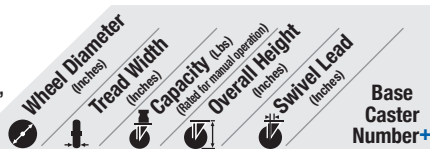
Moldon Rubber on Cast Iron (01 Roller Bearing)*


MR/MH	6	2 1/2	700	8	27/32	410MR06401
	6 <td>3 <td>750 <td>8 <td>27/32 <td>410MR06501</td> </td></td></td></td>	3 <td>750 <td>8 <td>27/32 <td>410MR06501</td> </td></td></td>	750 <td>8 <td>27/32 <td>410MR06501</td> </td></td>	8 <td>27/32 <td>410MR06501</td> </td>	27/32 <td>410MR06501</td>	410MR06501
	8 <td>2 1/2 <td>850</td> <td>10 1/2 <td>2 15/16 <td>410MR08401</td> </td></td></td>	2 1/2 <td>850</td> <td>10 1/2 <td>2 15/16 <td>410MR08401</td> </td></td>	850	10 1/2 <td>2 15/16 <td>410MR08401</td> </td>	2 15/16 <td>410MR08401</td>	410MR08401
	8 <td>2 1/2** <td>1300</td> <td>10 1/2 <td>2 15/16 <td>410MH08401</td> </td></td></td>	2 1/2** <td>1300</td> <td>10 1/2 <td>2 15/16 <td>410MH08401</td> </td></td>	1300	10 1/2 <td>2 15/16 <td>410MH08401</td> </td>	2 15/16 <td>410MH08401</td>	410MH08401
	8 <td>3 <td>900</td> <td>10 1/2 <td>2 15/16 <td>410MR08501</td> </td></td></td>	3 <td>900</td> <td>10 1/2 <td>2 15/16 <td>410MR08501</td> </td></td>	900	10 1/2 <td>2 15/16 <td>410MR08501</td> </td>	2 15/16 <td>410MR08501</td>	410MR08501
	10 <td>2 1/2 <td>950</td> <td>12 1/2 <td>3 3/8 <td>410MR10401</td> </td></td></td>	2 1/2 <td>950</td> <td>12 1/2 <td>3 3/8 <td>410MR10401</td> </td></td>	950	12 1/2 <td>3 3/8 <td>410MR10401</td> </td>	3 3/8 <td>410MR10401</td>	410MR10401
	10 <td>2 1/2** <td>1500</td> <td>12 1/2 <td>3 3/8 <td>410MH10401</td> </td></td></td>	2 1/2** <td>1500</td> <td>12 1/2 <td>3 3/8 <td>410MH10401</td> </td></td>	1500	12 1/2 <td>3 3/8 <td>410MH10401</td> </td>	3 3/8 <td>410MH10401</td>	410MH10401
	10 <td>3 <td>1000</td> <td>12 1/2 <td>3 3/8 <td>410MR10501</td> </td></td></td>	3 <td>1000</td> <td>12 1/2 <td>3 3/8 <td>410MR10501</td> </td></td>	1000	12 1/2 <td>3 3/8 <td>410MR10501</td> </td>	3 3/8 <td>410MR10501</td>	410MR10501
	10 <td>3** <td>1800</td> <td>12 1/2 <td>3 3/8 <td>410MH10501</td> </td></td></td>	3** <td>1800</td> <td>12 1/2 <td>3 3/8 <td>410MH10501</td> </td></td>	1800	12 1/2 <td>3 3/8 <td>410MH10501</td> </td>	3 3/8 <td>410MH10501</td>	410MH10501
	12 <td>2 1/2 <td>950</td> <td>15 1/2 <td>4 5/16 <td>410MR12401</td> </td></td></td>	2 1/2 <td>950</td> <td>15 1/2 <td>4 5/16 <td>410MR12401</td> </td></td>	950	15 1/2 <td>4 5/16 <td>410MR12401</td> </td>	4 5/16 <td>410MR12401</td>	410MR12401
	12 <td>2 1/2** <td>1700</td> <td>15 1/2 <td>4 5/16 <td>410MH12401</td> </td></td></td>	2 1/2** <td>1700</td> <td>15 1/2 <td>4 5/16 <td>410MH12401</td> </td></td>	1700	15 1/2 <td>4 5/16 <td>410MH12401</td> </td>	4 5/16 <td>410MH12401</td>	410MH12401
	12 <td>3 <td>1200</td> <td>15 1/2 <td>4 5/16 <td>410MR12501</td> </td></td></td>	3 <td>1200</td> <td>15 1/2 <td>4 5/16 <td>410MR12501</td> </td></td>	1200	15 1/2 <td>4 5/16 <td>410MR12501</td> </td>	4 5/16 <td>410MR12501</td>	410MR12501


*MR available with Tapered Roller (09) bearings. Change "01" to "09". Example: 410MR10409.

**Heavy-duty MH version of wheel.


+ For swivel models add "S", for rigid model add "R" to end of base caster number.




Aubin Industries Swivel-EAZ® Flat Tread (28 Prec. Ball Bearing)						
EZ 	6	3	2850	8	27/32	410EZ06528
	8	3	4000	10 1/2	215/16	410EZ08528
	10	3	4800	12 1/2	33/8	410EZ10528
	12	3	5400	15 1/2	45/16	410EZ12528


Thick Tread Polyurethane (01 Roller Bearing)*						
PX 	6	3	2250	8	27/32	410PX06501
	8	3	2780	10 1/2	215/16	410PX08501
	10	2 1/2	2600	12 1/2	33/8	410PX10401
	10	3	3300	12 1/2	33/8	410PX10501
	12	3	3760	15 1/2	45/16	410PX12501

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 410PX10509.


Polyurethane on Cast Iron (01 Roller Bearing)						
PI 	6	2 1/2	1600	8	27/32	410PI06401
	6	3	2000	8	27/32	410PI06501
	8	2 1/2	2000	10 1/2	215/16	410PI08401
	8	3	2500	10 1/2	215/16	410PI08501
	10	2 1/2	2200	12 1/2	33/8	410PI10401
	10	3	2800	12 1/2	33/8	410PI10501
	12	2 1/2	2500	15 1/2	45/16	410PI12401
12	3	3000	15 1/2	45/16	410PI12501	

Polyurethane on Heavy Duty Cast Iron (28 Precision Ball Bearing)*						
PF 	6	2 1/2	2900	8	27/32	410PF06428
	8	2 1/2	3100	10 1/2	215/16	410PF08428
	8	3	4000	10 1/2	215/16	410PF08528
	10	3	4200	12 1/2	33/8	410PF10528
	95 Shore A					


*Tapered Roller (09) bearings available. Change "28" to "09". Example: 410PF10509.

Polyurethane Reactive on Iron (28 Precision Ball Bearing)*						
PR 	10	3	2400	12 1/2	215/16	410PR10528
	12	3	2800	15 1/2	33/8	410PR12528
	80 Shore A					


*Tapered Roller (09) bearings available. Change "28" to "09". Example: 410PR10509.

Vulkollan on Cast Iron (01 Roller Bearing)*						
VY 	6	2 1/2	2350	8	27/32	410VY06401
	6	3	3000	8	27/32	410VY06501
	8	2 1/2	2900	10 1/2	215/16	410VY08401
	8	3	4000	10 1/2	215/16	410VY08501
	10	3	5000	12 1/2	33/8	410VY10501

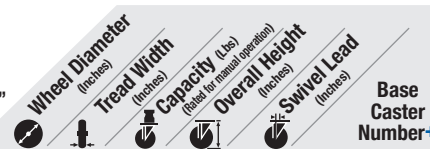
*Tapered Roller (09) bearings available. Change "01" to "09". Example: 410VY10509.


Vulkollan Thick Tread Polyurethane (01 Roller Bearing)*						
VX 	6	3	3000	8	27/32	410VX06501
	8	3	4000	10 1/2	215/16	410VX08501
	10	3	5000	12 1/2	33/8	410VX10501

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 410VX10509.


X-treme Plus Solid Polyurethane (28 Precision Ball Bearing)						
XP 	8	2 1/2	2000	10 1/2	215/16	410XP08428
	8	3	2000	10 1/2	215/16	410XP08528
	10	2 1/2	2500	12 1/2	33/8	410XP10428
	10	3	2500	12 1/2	33/8	410XP10528


+ For swivel models add "S", for rigid model add "R" to end of base caster number.




Phenolic (01 Roller Bearing)*						
TM 	6	2 1/2	1600	8	27/32	410TM06401
	6	3	2000	8	27/32	410TM06501
	8	2 1/2	2000	10 1/2	215/16	410TM08401
	8	3	2500	10 1/2	215/16	410TM08501
	10	2 1/2	2500	12 1/2	33/8	410TM10401
	10	3	2900	12 1/2	33/8	410TM10501
	12	2 1/2	3000	15 1/2	45/16	410TM12401
	12	3	3500	15 1/2	45/16	410TM12501

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 410TM10409.


Trionix™ High Impact Polymer (28 Precision Ball Bearing)						
NX 	6	2 1/2	5400	8	27/32	410NX06428
	6	3	5400	8	27/32	410NX06528
	8	2 1/2	5400	10 1/2	215/16	410NX08428
	8	3	5400	10 1/2	215/16	410NX08528
	10	2 1/2	5400	12 1/2	33/8	410NX10428
	10	3	5400	12 1/2	33/8	410NX10528


Cast Iron (01 Roller Bearing)*						
CA 	6	2 1/2	2300	8	27/32	410CA06401
	6	3	2800	8	27/32	410CA06501
	8	2 1/2	2300	10 1/2	215/16	410CA08401
	8	3	2800	10 1/2	215/16	410CA08501
	10	2 1/2	2300	12 1/2	33/8	410CA10401
	10	3	2800	12 1/2	33/8	410CA10501
	12	3	2800	15 1/2	45/16	410CA12501

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 410CA10509.


V-Grooved Cast Iron (01 Roller Bearing)*						
VG 	6	2 1/2	2500	8	27/32	410VG06401
	8	2 1/2	2500	10 1/2	215/16	410VG08401
	8	3	2500	10 1/2	215/16	410VG08501
	10	3	3500	12 1/2	33/8	410VG10501

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 410VG10509.

Drop Forged V-Grooved Cast Iron (01 Roller Bearing)						
VF 	8	3	5400	10 1/2	215/16	410VF08501

Drop Forged Steel (01 Roller Bearing)*						
FS 	6	2 1/2	4000	8	27/32	410FS06401
	8	2 1/2	4000	10 1/2	215/16	410FS08401
	8	3	4500	10 1/2	215/16	410FS08501
	10	3	5400	12 1/2	33/8	410FS10501

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 410FS10509. 6x2-1/2 capacity increases to 5000, 8x3 capacity increases to 5400 and 10x3 capacity increases to 5400 with use of 09 bearing.

Ductile Iron Crowned Tread (01 Roller Bearing)*						
FR 	6	2 1/2	3500	8	27/32	410FR06401
	6	3	5400	8	27/32	410FR06501
	8	3	5400	10 1/2	215/16	410FR08501
	10	3	5400	12 1/2	33/8	410FR10501

*Tapered Roller (09) available. Change "01" to other bearing code. Example: 410FR06409. Ductile Iron Flat Tread (FM) and V-Groove (VM) models available. Change FR wheel code to FM or VM. Example: 410FM06401.

410 SERIES • CAPACITY TO 5400 HEAVY DUTY KINGPINLESS

610

Contender™ Kingpinless Casters CAPACITY TO 9500

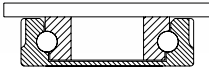


Highly recommended for automotive and aerospace applications. This caster is built to take the punishment of constant swiveling or for service where shock or impact loads might damage less rugged casters.

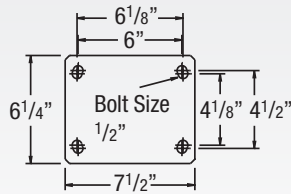
TYPICAL APPLICATIONS

- Body dolly carts
- Engine dollies
- Material carts
- Chassis rack carts
- Paint line dollies
- Towed trash gondolas

SWIVEL CROSS SECTION



MOUNTING OPTION



Premium Quality



Towing[^]



Environmentally Friendly

FEATURES

- **Top Plate:** 1/2" thick AISI 1045 steel precision machined and through-hardened for long life
- **Swivel Section:** 3/4" ball bearings mounted in a 4-3/8" precision machined raceway. Zerkl in swivel section
- **Legs:** 3/8" thick steel welded to yoke base using 100,000 psi weld filler
- **Axle:** 2-1/2" and 3" tread width wheels feature a 3/4" axle, 3-1/2" and 4" tread width wheels feature a 1" axle
- Alternate or custom caster configurations available

RIG OPTIONS

- Dual wheel models available, consult factory
- Shear disk mounting, consult factory
- **Optional Spring Loaded:** Greater capacity and better shock protection. Noise levels are reduced through the dampening effect of these casters. See pages 98-99.



BRAKE OPTIONS

To order, add brake code below to end of model. Example: 610PY08409SP

Poly Cam
specify **P**



PLB Integrated
specify **PLB**



Single Side specify **SSB610**. **Double Sided** specify **DSB610**



Hand Operated Swivel Lock
specify **L**

BEARING OPTIONS



Straight Roller (01)



Tapered Roller (09)



Precision Ball (28)

+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
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Moldon Rubber on Cast Iron (01 Roller Bearing)*

MR/MH	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
	6	2 1/2	540	8 1/2	1 3/4	610MR06401
	6	3	680	8 1/2	1 3/4	610MR06501
	8	2 1/2	670	10 1/2	2 1/4	610MR08401
	8	2 1/2**	1300	10 1/2	2 1/4	610MH08401
	8	3	840	10 1/2	2 1/4	610MR08501
	10	2 1/2**	1500	12 1/2	2 3/4	610MH10501
	10	3	1000	12 1/2	2 3/4	610MR10501
	10	3**	1800	12 1/2	2 3/4	610MH10501
	10	4	1400	12 1/2	2 3/4	610MR10701
	12	2 1/2**	1700	15 1/2	3 5/8	610MH12501
	12	3 1/2	1370	15 1/2	3 5/8	610MR12601
	12	4	1600	15 1/2	3 5/8	610MR12701
	14	3	1280	18	4 3/8	610MR14501

*MR available with Tapered Roller (01) bearings. Change "01" to "09". Example: 610MR10509.

**Heavy-duty MH version of wheel.

+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
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Polyurethane on Aluminum (01 Roller Bearing)

PD	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
	8	2 1/2	2010	10 1/2	2 1/4	610PD08401
	8	3	2520	10 1/2	2 1/4	610PD08501
	10	2 1/2	2370	12 1/2	2 3/4	610PD10401
	10	3	3000	12 1/2	2 3/4	610PD10501

Polyurethane on Cast Iron (09 Tapered Roller Bearing)

PY	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
	6	2 1/2	1600	8 1/2	1 3/4	610PY06409
	6	3	2000	8 1/2	1 3/4	610PY06509
	8	2 1/2	2000	10 1/2	2 1/4	610PY08409
	8	3	2500	10 1/2	2 1/4	610PY08509
	8	4	3800	10 1/2	2 1/4	610PY08709
	10	3	3000	12 1/2	2 3/4	610PY10509
	10	4	4200	12 1/2	2 3/4	610PY10709
	12	3 1/2	4110	15 1/2	3 5/8	610PY12609
	12	4	4800	15 1/2	3 5/8	610PY12709
	14	4	5000	18	4 3/8	610PY14709

*Roller (01) bearings available. Change "09" to "01". Example: 610PY10501.

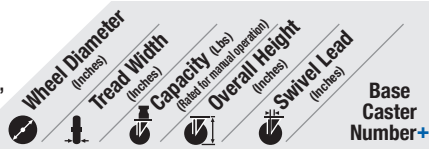


PY 80A

80A Durometer available, add "80A" to end of caster number. 80A capacity reduced by approximately 20%. Swivel example: 610PY06409S80A.

Continue on next page >>

+ For swivel models add "S", for rigid model add "R" to end of base caster number.



Aubin Industries Swivel-EAZ® Round Tread (28 Prec. Ball Bearing)						
EY	6	3	2137	8	27/32	610EY06528
	8	3	3250	10 1/2	215/16	610EY08528



Aubin Industries Swivel-EAZ® Flat Tread (28 Prec. Ball Bearing)						
EZ	6	3	2850	8	27/32	610EZ06528
	8	3	4000	10 1/2	215/16	610EZ08528
	10	3	4800	12 1/2	33/8	610EZ10528



Thick Tread Polyurethane (09 Tapered Roller Bearing)*						
PX	6	3	2250	8 1/2	13/4	610PX06509
	8	3	2780	10 1/2	13/4	610PX08509
	8	4	3850	10 1/2	2 1/4	610PX08709
	10	3	3300	12 1/2	2 3/4	610PX10509
	10	4	4620	12 1/2	2 3/4	610PX10709
	12	4	5280	15 1/2	3 5/8	610PX12709

*Roller (01) bearings available. Change "09" to "01". Example: 610PX10501.



Polyurethane on Heavy Duty Cast Iron (28 Precision Ball Bearing)*						
PF	6	2 1/2	2900	8 1/2	1 3/4	610PF06428
	8	2 1/2	3100	10 1/2	2 1/4	610PF08428
	8	3	4000	10 1/2	2 1/4	610PF08528
	10	3	4200	12 1/2	2 3/4	610PF10528

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 610PF10509.



Vulkollan Thick Tread Polyurethane (09 Roller Bearing)*						
VX	6	3	3000	8 1/2	1 3/4	610VX06509
	8	3	4000	10 1/2	2 1/4	610VX08509
	10	3	5000	12 1/2	2 3/4	610VX10509

*Roller (01) bearings available. Change "09" to "01". Example: 610VX10501.



X-treme Plus Solid Polyurethane (28 Precision Ball Bearing)						
XP	8	2 1/2	2000	10 1/2	2 1/4	610XP08428
	8	3	2000	10 1/2	2 1/4	610XP08528
	10	3	2500	12 1/2	2 3/4	610XP10528

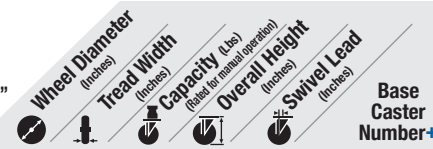


Phenolic (01 Roller Bearing)*						
TM	6	2 1/2	1600	8 1/2	1 3/4	610TM06401
	6	3	2000	8 1/2	1 3/4	610TM06501
	8	2 1/2	2000	10 1/2	2 1/4	610TM08401
	8	3	2500	10 1/2	2 1/4	610TM08501
	10	3	2900	12 1/2	2 3/4	610TM10501
	12	3 1/2	4000	15 1/2	3 5/8	610TM12601
	12	4	8000	15 1/2	3 5/8	610TM12701

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 610TM10509.



+ For swivel models add "S", for rigid model add "R" to end of base caster number.



Trionix (28 Precision Ball Bearing)						
NX	6	2 1/2	7200	8 1/2	1 3/4	610NX06428
	6	3	7200	8 1/2	1 3/4	610NX06528
	8	2 1/2	7200	10 1/2	2 1/4	610NX08428
	8	3	7200	10 1/2	2 1/4	610NX08528
	10	3	7200	12 1/2	2 3/4	610NX10528



Cast Iron (01 Roller Bearing)*						
CA	6	3	2800	8 1/2	1 3/4	610CA06501
	8	2 1/2	2300	10 1/2	2 1/4	610CA08401
	8	3	2800	10 1/2	2 1/4	610CA08501
	8	4	4000	10 1/2	2 1/4	610CA08701
	10	3	2800	12 1/2	2 3/4	610CA10501
	10	4	4000	12 1/2	2 3/4	610CA10701

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 610CA10509.



V-Grooved Cast Iron (01 Roller Bearing)*						
VG	6	2 1/2	2500	8 1/2	1 3/4	610VG06401
	8	2 1/2	2500	10 1/2	2 1/4	610VG08401
	8	3	2500	10 1/2	2 1/4	610VG08501

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 610VG10509.



Drop Forged V-Grooved Cast Iron (01 Roller Bearing)*						
VF	6	3	6000	8 1/2	1 3/4	610VF06501
	8	4	6000	10 1/2	2 1/4	610VF08701
	10	4	8350	12 1/2	2 3/4	610VF10701

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 610VF10509.
Note: Capacity increases to 9500 lbs. with use of 09 bearings.



Drop Forged Steel (01 Roller Bearing)*						
FS	6	2 1/2	4000	8 1/2	1 3/4	610FS06401
	8	2 1/2	4000	10 1/2	2 1/4	610FS08401
	8	3	5400	10 1/2	2 1/4	610FS08501
	10	3	5400	12 1/2	2 3/4	610FS10501
	10	4	8350	12 1/2	2 3/4	610FS10701

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 610FS10509. 6x2-1/2 capacity increases to 5000, 8x3 capacity increases to 5500, 10x3 capacity increases to 6000 and 10x4 capacity increases to 9500 with use of 09 bearings.



Heavy Duty Drop Forged Steel (01 Roller Bearing)*						
FH	8	3	6000	10 1/2	2 1/4	610FH08501
	10	3	6000	12 1/2	2 3/4	610FH10501

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 610FH10509. 10x3 capacity increases to 6500 with use of 09 bearings. All FH models include 1" axle.



Ductile Iron Crowned Tread (01 Roller Bearing)*						
FR, FM, VM	6	2 1/2	3500	8 1/2	1 3/4	610FR06401
	6	3	6000	8 1/2	1 3/4	610FR06501
	8	3	6000	10 1/2	2 1/4	610FR08501
	10	3	6000	12 1/2	2 3/4	610FR10501

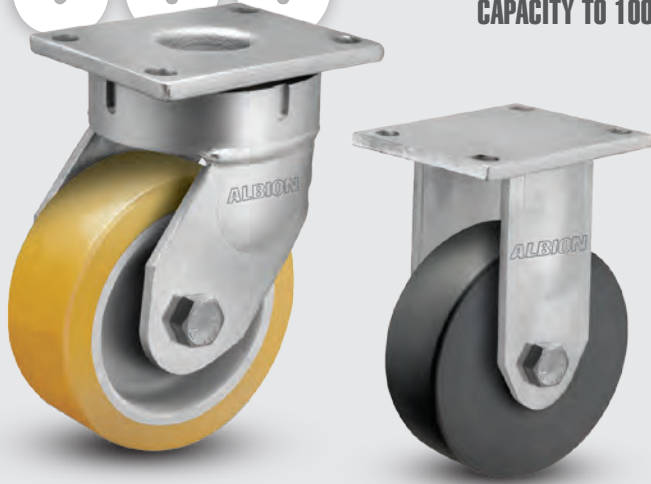
*Tapered Roller (09) available. Change "01" to "09". Example: 610FR06409.
Ductile Iron Flat Tread (FM) and V-Groove (VM) models available. Change FR wheel code to FM or VM. Example: 610FM06401.



600

Shockmaster™ Kingpinless Casters

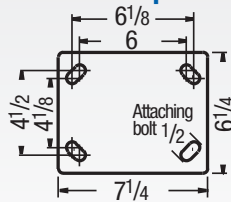
CAPACITY TO 10000



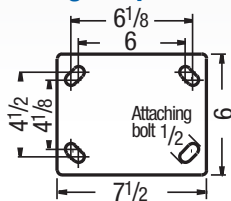
An added step up from the 610 (previous page), constructed of a one-piece forging for ultimate durability and strength. Highly recommended for automotive and aerospace applications. This caster is built to take the punishment of constant swiveling or for service where shock or impact loads would damage less rugged casters.

MOUNTING OPTIONS

Swivel Top Plate



Rigid Top Plate



TYPICAL APPLICATIONS

- Body dolly carts
- Engine dollies
- Material carts
- Chassis rack carts
- Paint line dollies
- Towed trash gondolas

SWIVEL CROSS SECTION



+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Moldon Rubber on Cast Iron (09 Tapered Roller Bearing)*

MR	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on nominal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
	6	2 1/2	700	8 1/2	2 1/2	600MR06409
	6	3	750	8 1/2	2 1/2	600MR06509
	8	2 1/2	850	10 1/2	2 1/2	600MR08409
	8	2 1/2**	850	10 1/2	2 1/2	600MH08409
	8	3	900	10 1/2	2 1/2	600MR08509
	10	3	1000	12 1/2	2 1/2	600MR10509
	10	3**	1000	12 1/2	2 1/2	600MH10509
	10	4	1400	12 1/2	2 1/2	600MR10709
	12	3 1/2	1500	15 1/2	2 1/2	600MR12609
	12	4	1600	15 1/2	2 1/2	600MR12709

*Roller (01) bearings available. Change "09" to "01". Example: 600MR10501.

**Heavy-duty MH version of wheel.



Premium Quality



Towing^



Environmentally Friendly

FEATURES

- **Top Plate:** 1/2" thick AISI 1045 steel one-piece forging precision machined and for long life
- **Swivel Section:** 3/4" ball bearings mounted in a 4-1/2" precision machined raceway. Zerkl in swivel section
- **Legs:** 3/8" thick steel welded to yoke base using 100,000 psi weld filler
- **Axle:** 1" diameter
- Alternate or custom caster configurations available

RIG OPTIONS

- Spring-loaded, dual wheel models available, consult factory
- Notched yoke base for swivel locks specify **NY600**

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 600PY08409SP

Poly Cam specify **P**



PLB Integrated specify **PLB**



Single Side specify **SSB610**. **Double Sided** specify **DSB610**



Face Contact specify **F**



Hand Operated Detachable Swivel Lock specify **L**.



BEARING OPTIONS



Straight Roller (01)



Tapered Roller (09)



Precision Ball (28)



Radial Ball (27)

+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on nominal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
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Polyurethane on Aluminum (01 Roller Bearing)*

PD	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
	8	2 1/2	2010	10 1/2	2 1/2	600PD08401
	8	3	2520	10 1/2	2 1/2	600PD08501
	10	2 1/2	2370	12 1/2	2 1/2	600PD10401
	10	3	3000	12 1/2	2 1/2	600PD10501

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 600PD08409.

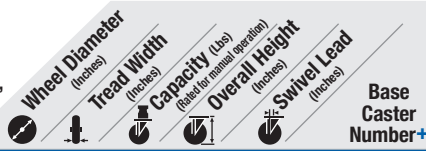
Polyurethane on Cast Iron (09 Tapered Roller Bearing)*

PY	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
	6	2 1/2	1600	8 1/2	2 1/2	600PY06409
	6	3	2000	8 1/2	2 1/2	600PY06509
	8	2 1/2	2000	10 1/2	2 1/2	600PY08409
	8	3	2500	10 1/2	2 1/2	600PY08509
	8	4	3800	10 1/2	2 1/2	600PY08709
	10	3	3000	12 1/2	2 1/2	600PY10509
	10	4	4200	12 1/2	2 1/2	600PY10709
	12	3 1/2	4110	15 1/2	2 1/2	600PY12609
	12	4	4800	15 1/2	2 1/2	600PY12709

*Roller (01) bearings available. Change "09" to "01". Example: 600PY06401.

Continue on next page >>

+ For swivel models add "S", for rigid model add "R" to end of base caster number.



Thick Tread Polyurethane (09 Tapered Roller Bearing)*						
PX	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	3	2250	8 1/2	2 1/2	600PX06509
	8	3	2780	10 1/2	2 1/2	600PX08509
	8	4	3850	10 1/2	2 1/2	600PX08709
	10	3	3300	12 1/2	2 1/2	600PX10509
	10	4	4620	12 1/2	2 1/2	600PX10709
	12	4	5280	15 1/2	2 1/2	600PX12709

*Roller (01) bearings available. Change "09" to "01".
Example: 600PX10501.

Vulkollan on Cast Iron (09 Tapered Roller Bearing)*						
VY	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	2 1/2	2350	8 1/2	2 1/2	600VY06409
	6	3	3000	8 1/2	2 1/2	600VY06509
	8	2 1/2	2900	10 1/2	2 1/2	600VY08409
	8	3	4000	10 1/2	2 1/2	600VY08509
	10	2 1/2	3450	12 1/2	2 1/2	600VY10409
	10	3	5000	12 1/2	2 1/2	600VY10509

*Roller (01) bearings available. Change "09" to "01".
Example: 600VY10501.

Vulkollan Thick Tread Polyurethane (09 Tapered Roller Bearing)*						
VX	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	2 1/2	2350	8 1/2	2 1/2	600VX06409
	6	3	3000	8 1/2	2 1/2	600VX06509
	8	2 1/2	2900	10 1/2	2 1/2	600VX08409
	8	3	4000	10 1/2	2 1/2	600VX08509
	10	2 1/2	3450	12 1/2	2 1/2	600VX10409
	10	3	5000	12 1/2	2 1/2	600VX10509

*Roller (01) bearings available. Change "09" to "01".
Example: 600VX10501.

X-treme Plus Solid Polyurethane (01 Roller Bearing)*						
XP	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	8	2 1/2	2000	10 1/2	2 1/2	600XP08401
	8	3	2000	10 1/2	2 1/2	600XP08501
	10	3	2500	12 1/2	2 1/2	600XP10501

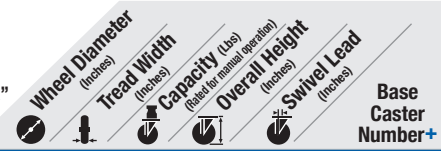
*Precision Ball (28) bearings available. Change "01" to "28".

Phenolic (01 Roller Bearing)*						
TM	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	2 1/2	1600	8 1/2	2 1/2	600TM06401
	6	3	2000	8 1/2	2 1/2	600TM06501
	8	2 1/2	2000	10 1/2	2 1/2	600TM08401
	8	3	2500	10 1/2	2 1/2	600TM08501
	10	3	2900	12 1/2	2 1/2	600TM10501
	12	3 1/2	4000	15 1/2	2 1/2	600TM12601
	12	4	8000	15 1/2	2 1/2	600TM12701

*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 600TM10509.

Trionix™ High Impact Polymer (28 Precision Ball Bearing)						
NX	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	2 1/2	7200	8 1/2	2 1/2	600NX06428
	6	3	7200	8 1/2	2 1/2	600NX06528
	8	2 1/2	7200	10 1/2	2 1/2	600NX08428
	8	3	7200	10 1/2	2 1/2	600NX08528
	10	2 1/2	7200	12 1/2	2 1/2	600NX10428
	10	3	7200	12 1/2	2 1/2	600NX10528

+ For swivel models add "S", for rigid model add "R" to end of base caster number.



Cast Iron (01 Roller Bearing)*						
CA	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	3	2800	8 1/2	2 1/2	600CA06501
	8	2 1/2	2300	10 1/2	2 1/2	600CA08401
	8	3	2800	10 1/2	2 1/2	600CA08501
	8	4	4000	10 1/2	2 1/2	600CA08701
	10	3	2800	12 1/2	2 1/2	600CA10501
	10	4	4000	12 1/2	2 1/2	600CA10701

*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 600CA10509.

V-Grooved Cast Iron (01 Roller Bearing)*						
VG	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	2 1/2	2500	8 1/2	2 1/2	600VG06401
	8	2 1/2	2500	10 1/2	2 1/2	600VG08401
	8	3	2500	10 1/2	2 1/2	600VG08501

*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 600VG06409.

Drop Forged V-Grooved Cast Iron (01 Roller Bearing)*						
VF	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	3	6000	8 1/2	2 1/2	600VF06501
	8	4	8350	10 1/2	2 1/2	600VF08701
	10	4	8350	12 1/2	2 1/2	600VF08701

*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 600VF06509.
Note: Capacity increases to 10000 lbs. if specifying tapered roller bearing.

Drop Forged Steel (01 Roller Bearings)*						
FS	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	2 1/2	4000	8 1/2	2 1/2	600FS06401
	8	2 1/2	4000	10 1/2	2 1/2	600FS08401
	8	3	4500	10 1/2	2 1/2	600FS08501
	10	3	5000	12 1/2	2 1/2	600FS10501
	10	4	8350	12 1/2	2 1/2	600FS10701

*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 600FS10509. 6x2-1/2 capacity increases to 5000, 8x3 capacity increases to 5500, 10x3 capacity increases to 6000, 10x4 capacity increases to 10,000 with use of 09 bearing.

Heavy Duty Drop Forged Steel (01 Roller Bearings)*						
FH	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	8	3	6500	10 1/2	2 1/2	600FH08501
	10	3	6000	12 1/2	2 1/2	600FH10501

*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 600FH10509. 10x3 capacity increases to 6500 with use of 09 bearing.

Ductile Iron Crowned Tread (01 Roller Bearing)*						
FR, FM, VM	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	2 1/2	3500	8 1/2	2 1/2	600FR06401
	6	3	6000	8 1/2	2 1/2	600FR06501
	8	3	6000	10 1/2	2 1/2	600FR08501
	10	3	6000	12 1/2	2 1/2	600FR10501

*Tapered Roller (09) available. Change "01" to "09". Example: 600FR08509.
Ductile Iron Flat Tread (FM) and V-Groove (VM) models available. Change FR wheel code to FM or VM. Example: 600FM08501.

600 SERIES • CAPACITY TO 10000

HEAVY DUTY KINGPINLESS

700

Shockmaster™ Kingpinless Casters

CAPACITY TO 20000



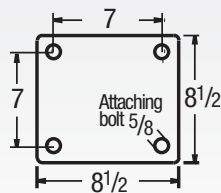
These super duty casters are built specifically for that potentially punishing application where reliability is essential. One-piece forging is precision machined and carefully constructed to deliver the utmost durability in handling shock and impact.

TYPICAL APPLICATIONS

- Aircraft engine stands
- Ground support equipment
- Aerospace A-frame skin dollies
- Portable jigs
- Tooling fixtures
- Die carts
- Large platform work

MOUNTING OPTION

Standard Top Plate



SWIVEL CROSS SECTION



+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Moldon Rubber on Cast Iron (09 Tapered Roller Bearing)

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Roller for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number ⁺
MR	10	4	1400	13	2 1/2	700MR10709
	12	4	1600	15 1/2	3 1/4	700MR12709
	16	4	2000	19	4 1/2	700MR16709
	16	5	2570	19	4 1/2	700MR16809

Polyurethane on Aluminum (09 Tapered Roller Bearing)

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Roller for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number ⁺
PA	12	6	7500	15 1/2	3 1/4	700PA12909



Premium Quality



Towing[^]



Environmentally Friendly

FEATURES

- **Top Plate:** 1/2" thick AISI 1045 steel one-piece forging precision machined and for long life
- **Swivel Section:** 3/4" ball bearings mounted in a 7" diameter precision machined raceway. Zerk in swivel section
- **Legs:** 1/2" thick steel welded to yoke base using 100,000 psi weld filler
- **Axle:** 1-1/4" diameter
- Alternate or custom caster configurations available

RIG OPTIONS

- Notched yoke base for swivel locks specify **NY700**
- Spring-loaded, dual wheel models available, consult factory

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 700PY08709SP

Poly Cam
specify **P**



PLB Integrated
specify **PLB**

Face Contact
specify **F**



Hand Operated
Detachable **Swivel Lock**
specify **L**

BEARING OPTIONS



Straight Roller (01)

Tapered Roller (09)

+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Roller for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number ⁺
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Polyurethane on Cast Iron (09 Tapered Roller Bearing)

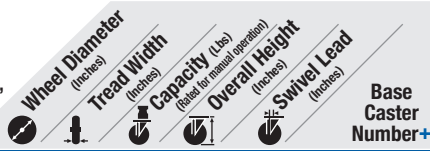
	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Roller for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number ⁺
PY	8	4	3800	11	2 1/4	700PY08709
	10	4	4200	13	2 1/2	700PY10709
	10	5	5000	13	2 1/2	700PY10809
	12	4	4800	15 1/2	3 1/4	700PY12709
	12	5	6000	15 1/2	3 1/4	700PY12809
	16	4	5970	19	4 1/2	700PY16709
	16	5	7700	19	4 1/2	700PY16809

Thick Tread Polyurethane (09 Tapered Roller Bearing)

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Roller for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number ⁺
PX	8	4	3850	11	2 1/4	700PX08709
	10	4	4620	13	2 1/2	700PX10709
	10	5	5500	13	2 1/2	700PX10809
	12	4	5820	15 1/2	3 1/4	700PX12709
	12	5	6600	15 1/2	3 1/4	700PX12809
	16	4	6570	19	4 1/2	700PX16709
	16	5	8470	19	4 1/2	700PX16809

Continue on next page >>

+ For swivel models add "S", for rigid model add "R" to end of base caster number.

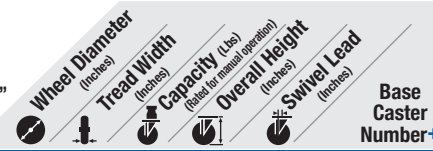


Phenolic (09 Tapered Roller Bearing)							
TM		12	4	8000	15 1/2	4 1/4	700TM12709

Cast Iron (09 Tapered Roller Bearing)							
CA		8	4	4000	11	2 1/4	700CA08709 700CA10709
		10	4	4000	13	2 1/2	

V-Grooved Drop Forged (01 Roller Bearing/09 Tapered Roller Bearing)							
VF		8	4	10000	11	2 1/4	700VF08709 700VF10701
		10	4	8350	13	2 1/2	

+ For swivel models add "S", for rigid model add "R" to end of base caster number.



V-Grooved HD Drop Forged (09 Tapered Roller Bearing)							
VH		8	4	15000	11	2 1/4	700VH08709 700VH10709
		10	4	15000	13	2 1/2	

Drop Forged Steel (09 Tapered Roller Bearing)							
FS		8	4	10000	11	2 1/4	700FS08709 700FS10709
		10	4	10000	13	2 1/2	

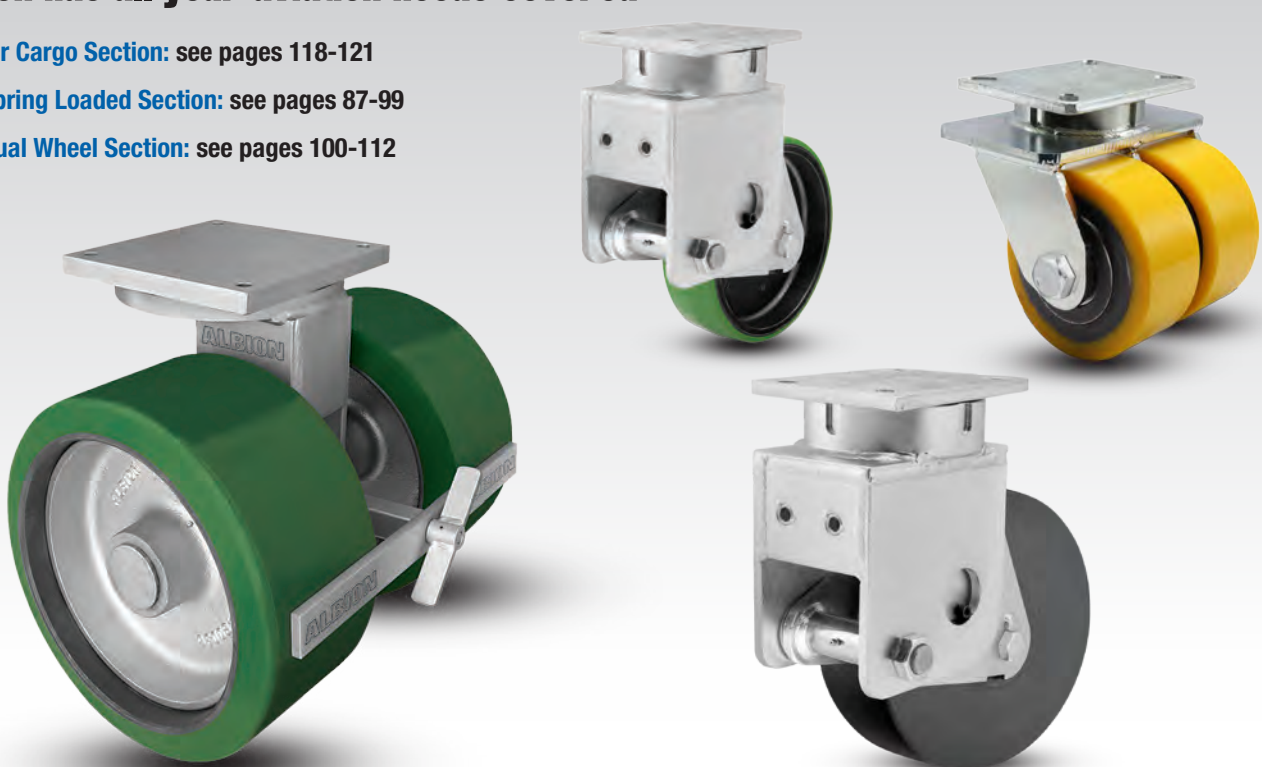
Heavy Duty Drop Forged Steel (09 Tapered Roller Bearing)							
FH		8	4	20000	11	2 1/4	700FH08709 700FH10709
		10	4	20000	13	2 1/2	

In addition to the Super Duty 700 Series . . . Albion has all your aviation needs covered

Air Cargo Section: see pages 118-121

Spring Loaded Section: see pages 87-99

Dual Wheel Section: see pages 100-112



A LEADER IN USA MADE CASTERS & ENGINEERED SOLUTIONS.

USA designed, manufactured, and tested to provide the highest quality and value for your caster needs. All featuring Albion's industry leading 3 year warranty.



Designed and Made in the USA.



Medium Heavy Duty
16 SERIES with XR WHEEL – Page 24



Heavy Duty Rigid
410 CONTENDER RIGID with VULKOLLAN WHEEL – PAGE 50



Heavy Duty Kingpinless
310 CONTENDER PLB BRAKE with THICK TREAD PX WHEEL – Page 48

Just look for this USA badge!



HEAVY DUTY KINGPIN CASTERS

CAPACITY RANGE 700-17000 LBS



95 Series
Heavy Duty Casters

Common Applications:

- Production Racks
- Utility Trucks
- Conveyor-drawn Tow-trucks
- Production Dollies
- Heavy Duty Bakery Racks
- Heavy Duty Trash Dumpsters
- Trailer Frames



81 Series Heavy Duty Casters
Capacity to 2000 **60-61**



94 BBL Series Super Duty Casters (Ball Load Swivel)
Capacity to 5000 **68-69**



90 Series Heavy Duty Casters
Capacity to 3500 **62-63**
Popular Series



94 TRL Series Super Duty Casters (Thrust Swivel Section)
Capacity to 10000 **70-71**



92 Series Heavy Duty Casters
Capacity to 4800 **64-65**



95 BBL Series Super Duty Casters (Ball Load Swivel)
Capacity to 8000 **72**
Popular Series



93 Series Heavy Duty Casters
Capacity to 7500 **66**



95 TRL Series Super Duty Casters (Thrust Swivel Section)
Capacity to 17000 **73-74**
Popular Series

Premium and Specialty Heavy Duty Casters That May Interest You ...

KINGPINLESS CASTERS



Need more protection from Shock or Impact? See the **Heavy Duty Kingpinless Section** (pages 41-58).

SPRING LOADED CASTERS



Want more shock absorption and a quieter ride? See the **Spring Loaded Section** (pages 87-89).

81

81 Heavy Duty Casters

CAPACITY TO 2000



Premium Quality



Environmentally Friendly

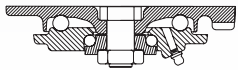


The 81 Series is drop forged and recommended for heavy manual moved loads or for medium duty power drawn equipment. Consult factory for all power drawn applications.

TYPICAL APPLICATIONS

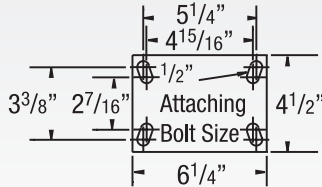
- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs

SWIVEL CROSS SECTION



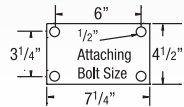
MOUNTING OPTIONS

Standard Plate

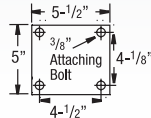


Special Order Plates

Optional W Plate



Optional D Plate



FEATURES

- **Top Plate:** Rugged AISI 1045 Drop forged steel for maximum strength
- **Swivel Section:** Double ball bearing coined "deep-groove" load and machined component thrust raceways
- **Legs:** 3/8" steel, engineered to increase strength and welded construction
- **King Bolt:** 3/4" diameter heat treated bolt and nut for enhanced load capacity
- **Axle:** 3/4" diameter, hollow, with lock nut
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle
- Alternate or custom caster configurations available

RIG OPTIONS

- Neoprene **Sealed swivel** section specify **NS81**
- **Tapered thrust bearing** option available for special order. Consult factory

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 81PY06401SP

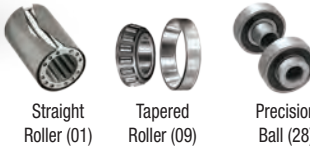
Poly Cam specify **P**



Single Side specify **SSB81**. **Double Sided** specify **DSB81**



BEARING OPTIONS



Straight Roller (01)

Tapered Roller (09)

Precision Ball (28)

Face Contact specify **F**



Wrap Around specify **WB81**

TOE GUARD



Specify **TOE** for caster integrated toe guard. Standard model

toe guards are 1/2" from the floor. Consult factory for field installable options.

Face specify **FBB**



Welded Swivel Lock specify **L**

Hand Operated Detachable Swivel Lock order **SL81000** separately



+ For swivel models add "S", for rigid model add "R" to end of base caster number.

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Moldon Rubber on Cast Iron (01 Roller Bearing)	6	2 1/2	700	7 5/8	3	20 1/2	81MR06401
	6	3	750	7 5/8	3	21 3/4	81MR06501
	8	2 1/2	850	10 1/8	3	20 1/4	81MR08401
	8	3	900	10 1/8	3	22 1/4	81MR08501
	10	2 1/2	950	11 1/2	3 1/2	24 1/2	81MR10401
	10	3	1000	11 1/2	3 1/2	25 1/4	81MR10501
	12	3	1200	13 1/2	3	30 3/4	81MR12501

Polyurethane on Aluminum (01 Roller Bearing)

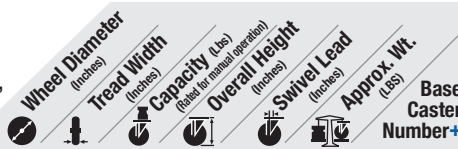
	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
PA/PD	4	3 1/4	1200	5 1/2	2	15	81PA04501
	8	2 1/2	2000	10 1/8	2 1/4	20 1/4	81PD08401
	8	3	2000	10 1/8	2 1/4	20 1/4	81PD08501
	10	2 1/2	2000	11 1/2	2 1/2	24 1/2	81PD10401
	10	3	2000	11 1/2	2 1/2	24 1/2	81PD10501
	12	3	2000	13 1/2	3		81PD12501

+ For swivel models add "S", for rigid model add "R" to end of base caster number.

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Polyurethane on Cast Iron (01 Roller Bearing)	3 1/4	3 1/4	850	5 1/8	2	12	81PY03501
	5	2 1/2	1300	6 1/2	2 1/4	15	81PY05401
	6	2 1/2	1600	7 5/8	1 1/2	20 1/2	81PY06401
	6	3	2000	7 5/8	1 1/2	26	81PY06501
	8	2 1/2	2000	10 1/8	2 1/4	22 1/2	81PY08401
	8	3	2000	10 1/8	2 1/4	22 1/4	81PY08501
	10	3	2000	11 1/2	2 1/2	31	81PY10501
	12	2 1/2	2000	13 1/2	3	31 1/2	81PY12401
	12	3	2000	13 1/2	3	40	81PY12501

Continue on next page >>

+ For swivel models add "S", for rigid model add "R" to end of base caster number.



Polyurethane on Cast Iron (01 Roller Bearing)								
	PY 80A	3 1/4	3 1/4	680	5 1/8	2	12	81PY0350180A
		5	2 1/2	1050	6 1/2	2 1/4	15	81PY0540180A
		6	2 1/2	1300	7 5/8	1 1/2	20 1/2	81PY0640180A
		6	3	1600	7 5/8	1 1/2	26	81PY0650180A
		8	2 1/2	1600	10 1/8	2 1/4	22 1/2	81PY0840180A
		8	3	2000	10 1/8	2 1/4	22 1/4	81PY0850180A
		10	3	2000	11 1/2	2 1/2	31	81PY1050180A
		12	2 1/2	2000	13 1/2	3	31 1/2	81PY1240180A
		12	3	2000	13 1/2	3	40	81PY1250180A

To Specify Rigid or Swivel, insert "R" or "S" before "80A".
Example: 81PY08228R80A.

Polyurethane on Iron (01 Roller Bearing)								
	PI	6	2 1/2	1600	7 5/8	1 1/2	20 1/2	81PI06401
		6	3	2000	7 5/8	1 1/2	26	81PI06501
		8	2 1/2	2000	10 1/8	2 1/4	22 1/2	81PI08401
		8	3	2000	10 1/8	2 1/4	22 1/4	81PI08501
		10	3	2000	11 1/2	2 1/2	31	81PI10501
		12	2 1/2	2000	13 1/2	3	31 1/2	81PI12401
		12	3	2000	13 1/2	3	40	81PI12501

Thick Tread Polyurethane (01 Roller Bearing)								
	PX	6	3	2000	7 5/8	1 1/2	26	81PX06501
		8	3	2000	10 1/8	2 1/4	22 1/4	81PX08501
		10	3	2000	11 1/2	2 1/2	31	81PX10501
		12	3	2000	13 1/2	3	40	81PX12501

Vulkollan on Cast Iron (09 Tapered Roller Bearing)*								
	VY	6	2 1/2	2000	7 5/8	1 1/2	20 1/2	81VY06409
		6	3	2000	7 5/8	1 1/2	26	81VY06509
		8	2 1/2	2000	10 1/8	2 1/4	22 1/2	81VY08409
		8	3	2000	10 1/8	2 1/4	22 1/4	81VY08509
		10	3	2000	11 1/2	2 1/2	31	81VY10509

*Roller (01) and Precision Ball (28) Bearings available.
Change "09" to other bearing code. Roller example: 81VY06501.

Vulkollan Thick Tread Polyurethane (09 Tapered Roller Bearing)*								
	VX	6	3	2000	7 5/8	1 1/2	26	81VX06509
		8	3	2000	10 1/8	2 1/4	22 1/4	81VX08509
		10	3	2000	11 1/2	2 1/2	31	81VX10509

*Roller (01) and Precision Ball (28) Bearings available.
Change "09" to other bearing code. Roller example: 81VX06501.

X-treme Plus Solid Polyurethane (01 Roller Bearing)*								
	XP	8	2 1/2	2000	10 1/8	2 1/4	22 1/2	81XP08401
		8	3	2000	10 1/8	2 1/4	22 1/4	81XP08501
		10	2 1/2	2000	11 1/2	2 1/2	24 1/2	81XP10401
		10	3	2000	11 1/2	2 1/2	31	81XP10501

*Precision Ball (28) Bearings available.
Change "01" to other bearing code. Example: 81XP08428.

Phenolic (01 Roller Bearing)								
	TM	6	2 1/2	1600	7 5/8	1 1/2	14 1/4	81TM06401
		6	3	2000	7 5/8	1 1/2	14 3/4	81TM06501
		8	2 1/2	2000	10 1/8	2 1/4	16 3/4	81TM08401
		8	3	2000	10 1/8	2 1/4	17 3/4	81TM08501
		10	3	2000	11 1/2	2 1/2	20 1/2	81TM10501
		12	3	2000	13 1/2	3	22 1/2	81TM12501

+ For swivel models add "S", for rigid model add "R" to end of base caster number.



Trionix™ High Impact Polymer (28 Precision Ball Bearing)								
	NX	6	2 1/2	2000	7 5/8	1 1/2	15	81NX06428
		6	3	2000	7 5/8	1 1/2	16	81NX06528
		8	2 1/2	2000	10 1/8	2 1/4	17	81NX08428
		8	3	2000	10 1/8	2 1/4	18	81NX08528
		10	2 1/2	2000	11 1/2	3 1/2	19 3/4	81NX10428
		10	3	2000	11 1/2	2 1/2	21	81NX10528

Cast Iron (01 Roller Bearing)								
	CA	4	3	2000	5 1/2	2	17 3/4	81CA04501
		5	2 1/2	2000	6 1/2	2 1/4	19 1/2	81CA05401
		6	2 1/2	2000	7 5/8	1 1/2	20 1/4	81CA06401
		8	3	2000	10 1/8	2 1/4	26 1/2	81CA08501
		10	3	2000	11 1/2	2 1/2	27 1/2	81CA10501

Drop Forged Steel (01 Roller Bearing)								
	FS	6	2 1/2	2000	7 5/8	1 1/2	21 3/4	81FS06401
		8	3	2000	10 1/8	2 1/4	26 1/2	81FS08501

V-Grooved Cast Iron (01 Roller Bearing)								
	VG	6	2 1/2	2000	7 5/8	1 1/2	20 1/4	81VG06401
		8	3	2000	10 1/8	2 1/4	26 1/2	81VG08501
		10	3	2000	11 1/2	2 1/2	27 1/2	81VG10501

Ductile Iron Crowned Tread (01 Roller Bearing)*								
	FR, FM	6	2 1/2	2000	7 5/8	1 1/2	20 1/4	81FR06401
		8	3	2000	10 1/8	2 1/4	26 1/2	81FR08501
		10	3	2000	11 1/2	2 1/2	27 1/2	81FR10501

*Tapered Roller (09) and Precision Ball (28) bearings available.
Tapered Roller example: 81FR06409.
Ductile Iron Flat Tread (FM) and V-Groove (VM) models available.
Change FR wheel code to FM or VM. Example: 81FM06401.

90

90 Heavy Duty Casters

CAPACITY TO 3500

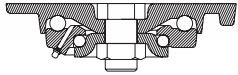


Our popular 90 Series is made from AISI 1045 drop forged steel and is highly recommended for rugged heavy duty applications.

TYPICAL APPLICATIONS

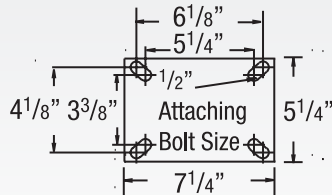
- Heavy duty power drawn equipment
- High capacity die tables
- Portable work benches
- Machinery dollies
- Heavy production fixtures or jigs
- Corrugated steel box trucks
- Heavy portable storage racks

SWIVEL CROSS SECTION



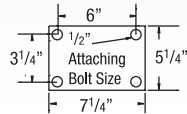
MOUNTING OPTIONS

Standard Plate



Special Order Plate

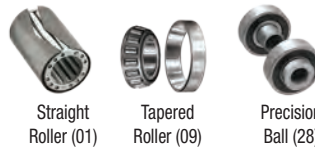
Optional W Plate



FEATURES

- **Swivel Top Plate:** AISI 1045 drop forged steel, for strength and reliability
- **Yoke Base:** AISI 1045 drop forged steel with machined raceway for extended service life
- **Swivel Load Bearing:** 4" diameter deep-grooved load raceway with 1/2" steel balls for better load distribution. The thrust race is 2-5/8" diameter using 3/8" diameter steel balls for increased capacity
- **Legs:** 3/8" steel plate welded inside and out for added strength
- **King Bolt:** 1" diameter bolt heat treated for extended service
- **Axle:** 3/4" and 1" hollow axles are used for wheel bearing lubrication
- **Lubrication:** Zerk fitting in yoke base and in wheel hub or recessed in head of hollow axle
- Alternate or custom caster configurations available

BEARING OPTIONS



TOE GUARD



Specify **TOE** for caster integrated toe guard. Standard model toe guards are 1/2" from the floor. Consult factory for field installable options.

RIG OPTIONS

- **Sealed swivel** section specify **NS90**
- **Heat treated raceway** specify **HT03**
- **Tapered thrust bearing** option available for special order. Consult factory

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 90PY06401SP

Poly Cam specify **P**



Single Side specify **SSB90**. **Double Sided** specify **DSB90**

Face Contact specify **F**



Wrap Around specify **WB90**

PLB Integrated specify **PLB**



Face specify **FBB** (3" tread width only)

Welded Swivel Lock specify **L**



Hand operated field installable Swivel Lock order **SL900000** separately

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
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Moldon Rubber on Cast Iron (01 Roller Bearing)*

MR	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
6	2 1/2	700	8	2 1/4	22	90MR06401	
6	3	750	8	2 1/4	23 3/4	90MR06501	
8	2 1/2	850	10 1/2	2 1/2	27 1/4	90MR08401	
8	3	900	10 1/2	2 1/2	27 1/4	90MR08501	
10	2 1/2	950	12 1/2	2 1/2	29 1/2	90MR10401	
10	3	1000	12 1/2	2 1/2	30 1/2	90MR10501	
10	3 1/2	1800	12 1/2	2 1/2	30 1/2	90MH10501	
10	4 2	1400	12 1/2	2 1/2	44 1/2	90MR10701	
12	2 1/2	2500	15 1/2	2 1/2	35	90MR12401	
12	3	1200	15 1/2	2 1/2	36 1/4	90MR12501	

* (09) Tapered Roller Bearings available. Change "01" to other bearing code. Tapered Roller example: 90MR06509. ¹Heavy-duty MH version of 10x3 wheel. ²10 x 4 model has solid axle; all others hollow axle.

+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Polyurethane on Aluminum (01 Roller Bearing)

PA/PD	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
4	3 1/4	1200	6	2	17 1/4	90PA04501	
4	4	1600	6	2	20 1/2	90PA04701*	
8	2 1/2	2010	10 1/2	2 1/2	21 1/2	90PD08401	
8	3	2520	10 1/2	2 1/2	22 1/2	90PD08501	
10	2 1/2	2370	12 1/2	2 1/2	24	90PD10401	
10	3	3000	12 1/2	2 1/2	25	90PD10501	

*1" solid axle.

Continue on next page >>

+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+

Polyurethane on Cast Iron (09 Tapered Roller Bearing)*

	PI	6	2 1/2	1600	8	2 1/4	20	90PI06409
	6	3	2000	8	2 1/4	21	90PI06509	
	8	2 1/2	2000	10 1/2	2 1/2	22	90PI08409	
	8	3	2500	10 1/2	2 1/2	24 1/4	90PI08509	
	10	2 1/2	2200	12 1/2	2 1/2	25 1/2	90PI10409	
	10	3	3000	12 1/2	2 1/2	28	90PI10509	
	12	2 1/2	2500	15 1/2	2 1/2	35	90PI12409	
	12	3	3500	15 1/2	2 1/2	38	90PI12509	

*Roller (01) bearings available. Change "01" to other bearing code. Example: 90PI06501.

Polyurethane* on Cast Iron (01 Roller Bearing, 09 Tapered Roller Bearing)

	PY	3 1/4	4 1/4	1100	5 5/8	2	17 1/2	90PY03709
	5	3	1500	7	2 1/2	23	90PY05501	
	6	2 1/2	1600	8	2 1/4	25	90PY06401	
	6	3	2000	8	2 1/4	26 3/4	90PY06501	
	8	2 1/2	2000	10 1/2	2 1/2	27 3/4	90PY08401	
	8	3	2500	10 1/2	2 1/2	31	90PY08501	
	10	3	3000	12 1/2	2 1/2	35 3/4	90PY10501	
	12	3	3500	15 1/2	2 1/2	44 1/4	90PY12501	

Polyurethane on Cast Iron (01 Roller Bearing, 09 Tapered Roller Bearing)

	PY 80A	3 1/4	4 1/4	880	5 5/8	2	17 1/2	90PY0370980A
	5	3	1220	7	2 1/2	23	90PY0550180A	
	6	2 1/2	1300	8	2 1/4	25	90PY0640180A	
	6	3	1600	8	2 1/4	26 3/4	90PY0650180A	
	8	2 1/2	1600	10 1/2	2 1/2	27 3/4	90PY0840180A	
	8	3	2000	10 1/2	2 1/2	31	90PY0850180A	
	10	3	2400	12 1/2	2 1/2	35 3/4	90PY1050180A	
	12	3	3500	15 1/2	2 1/2	44 1/4	90PY1250180A	

To Specify Rigid or Swivel, insert "R" or "S" before "80A." Example: 90PY08401R80A.

Thick Tread Polyurethane* (09 Tapered Roller Bearing)

	PX	6	3	2250	8	2 1/4	27	90PX06509
	8	2 1/2	2200	10 1/2	2 1/2	27	90PX08409	
	8	3	2780	10 1/2	2 1/2	31 1/2	90PX08509	
	10	3	3300	12 1/2	2 1/2	36	90PX10509	
	12	3	3500	15 1/2	2 1/2	44 1/2	90PX12509	

Vulkollan on Cast Iron (09 Tapered Roller Bearing)*

	VY	6	2 1/2	2350	8	2 1/4	25	90VY06409
	6	3	3000	8	2 1/4	26 3/4	90VY06509	
	8	2 1/2	2900	10 1/2	2 1/2	27 3/4	90VY08409	
	8	3	3500	10 1/2	2 1/2	31	90VY08509	
	10	3	3500	12 1/2	2 1/2	35 3/4	90VY10509	

*Roller (01) and Precision Ball (28) bearings available. Change "01" to other bearing code. Precision example: 90VY06528.

Thick Tread Vulkollan (09 Tapered Roller Bearing)*

	VX	6	3	3000	8	2 1/4	27	90VX06509
	8	2 1/2	2900	10 1/2	2 1/2	27	90VX08409	
	8	3	3500	10 1/2	2 1/2	31 1/2	90VX08509	
	10	3	3500	12 1/2	2 1/2	36	90VX10509	

*Roller (01) and Precision Ball (28) bearings available. Change "01" to other bearing code. Precision example: 90VX06528.

X-treme Plus Solid Polyurethane (28 Precision Ball Bearing)

	XP	8	2 1/2	2000	10 1/2	2 1/2	22 1/2	90XP08428
	8	3	2000	10 1/2	2 1/2	22 1/4	90XP08528	
	10	2 1/2	2500	12 1/2	2 1/2	24 1/2	90XP10428	
	10	3	2500	12 1/2	2 1/2	31	90XP10528	

*Durometers available on Polyurethane wheels can be 80A, 95A, 60D and 70D. Consult factory.

+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+

Phenolic (01 Roller Bearing)

	TM	6	2 1/2	1600	8	2 1/4	18 3/4	90TM06401
	6	3	2000	8	2 1/4	19 1/4	90TM06501	
	8	2 1/2	2000	10 1/2	2 1/2	21 1/4	90TM08401	
	8	3	2500	10 1/2	2 1/2	22 1/4	90TM08501	
	10	3	2900	12 1/2	2 1/2	25 1/4	90TM10501	
	12	3	3500	15 1/2	2 1/2	29 1/4	90TM12501	

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

	NX	6	2 1/2	3500	8	2 1/4	20 1/2	90NX06428
	6	3	3500	8	2 1/4	21 1/2	90NX06528	
	8	2 1/2	3500	10 1/2	2 1/2	23 3/4	90NX08428	
	8	3	3500	10 1/2	2 1/2	24 1/2	90NX08528	
	10	2 1/2	3500	12 1/2	2 1/2	26 1/2	90NX10428	
	10	3	3500	12 1/2	2 1/2	28	90NX10528	

Cast Iron (01 Roller Bearing, 09 Tapered Roller Bearing)

	CA	3 1/4	4	2000	5 5/8	2	21	90CA03709
	4	3	2000	6	2	21 3/4	90CA04501	
	4	4	3500	6	2	27 1/4	90CA04701	
	5	2 1/2	2000	7	2 1/2	24	90CA05401	
	6	3	2800	8	2 1/4	26	90CA06501	
	8	3	2800	10 1/2	2 1/2	26 3/4	90CA08501	
	10	3	2800	12 1/2	2 1/2	32 1/2	90CA10501	
	12	3	2800	15 1/2	2 1/2	38 1/2	90CA12501	

Forged Steel (01 Roller Bearing)

	FS	6	2 1/2	3500	8	2 1/4	26	90FS06401
	8	2 1/2	3500	10 1/2	2 1/2	21 3/4	90FS08401	
	8	3	3500	10 1/2	2 1/2	33 1/4	90FS08501	
	10	3	3500	12 1/2	2 1/2	43 1/4	90FS10501	

V-Groove Cast Iron (01 Roller Bearing)

	VG	6	2 1/2	2500	8	2 1/4	26 1/4	90VG06401
	8	3	2500	10 1/2	2 1/2	31 1/4	90VG08501	
	10	3	3000	12 1/2	2 1/2	42 1/2	90VG10501	

Ductile Iron Crowned Tread (01 Roller Bearing)*

	FR	6	2 1/2	3500	8	2 1/4	26	90FR06401
	6	3	3500	8	2 1/4	26	90FR06501	
	8	3	3500	10 1/2	2 1/2	26 3/4	90FR08501	
	10	3	3500	12 1/2	2 1/2	32 1/2	90FR10501	

*Tapered Roller (09) and Precision Ball (28) bearings available. Change "01" to other bearing code. Tapered Roller example: 90FR08409.

Ductile Iron Flat Tread (01 Roller Bearing)*

	FM	6	2 1/2	3500	8	2 1/4	26	90FM06401
	6	3	3500	8	2 1/4	26	90FM06501	
	8	3	3500	10 1/2	2 1/2	26 3/4	90FM08501	
	10	3	3500	12 1/2	2 1/2	32 1/2	90FM10501	

*Tapered Roller (09) and Precision Ball (28) bearings available. Change "01" to other bearing code. Tapered Roller example: 90FM08509.

Ductile Iron V-Groove Tread (01 Roller Bearing)*

	VM	6	2 1/2	3500	8	2 1/4	26	90VM06401
	6	3	3500	8	2 1/4	26 1/8	90VM06501	
	8	3	3500	10 1/2	2 1/2	26 3/4	90VM08501	
	10	3	3500	12 1/2	2 1/2	32 1/2	90VM10501	

*Tapered Roller (09) and Precision Ball (28) bearings available. Change "01" to other bearing code. Tapered Roller example: 90VM08509.

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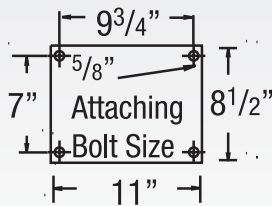
92 Heavy Duty Casters

CAPACITY TO 4800



92 Series Casters are designed specifically for power drawn trailers. These casters allow for ease of operation even on poor floor or surface conditions.

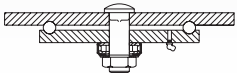
MOUNTING OPTION



TYPICAL APPLICATIONS

- Heavy duty trash dumpsters
- Trailer frames
- Automotive plants

SWIVEL CROSS SECTION



+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Moldon Rubber on Cast Iron (01 Roller Bearing)

MR	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
	8	3	900	11	3	48	92MR08501
	10	3	1000	12 ⁷ / ₈	3	50 ¹ / ₂	92MR10501
	10	4*	1400	12 ⁷ / ₈	3 ¹ / ₂	63 ³ / ₄	92MR10701
	12	3	1200	14 ⁷ / ₈	3 ¹ / ₂	56 ¹ / ₄	92MR12501
	12	3 ¹ / ₂ *	1500	14 ⁷ / ₈	4	63	92MR12601
	12	4*	1600	14 ⁷ / ₈	4	68 ¹ / ₂	92MR12701

*3-1/2" and 4" tread width model has solid axle, all others hollow axle.

Polyurethane on Cast Iron (01 Roller Bearing)

PY	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
	8	3	2500	11	3	52 ¹ / ₂	92PY08501
	10	3	3000	12 ⁷ / ₈	3	56 ¹ / ₂	92PY10501
	10	4*	4200	12 ⁷ / ₈	3 ¹ / ₂	67 ³ / ₄	92PY10701
	12	3	3500	14 ⁷ / ₈	3 ¹ / ₂	65	92PY12501
	12	3 ¹ / ₂ *	4110	14 ⁷ / ₈	3 ¹ / ₂	68 ³ / ₄	92PY12601
	12	4*	4800	14 ⁷ / ₈	3 ¹ / ₂	71 ¹ / ₂	92PY12701

*3-1/2" and 4" tread width model has solid axle, all others hollow axle.



Premium Quality



Towing[^]



Environmentally Friendly

FEATURES

- **Top Plate and Yoke Base:** 5/8" thick 1045 AISI steel plate for superior strength
- **Swivel Raceways:** 7" diameter precision machined load raceway with 5/8" steel and tapered roller thrust bearing for easy swiveling
- **King Bolt:** 1" diameter bolt and nut heat treated for added strength
- **Legs:** 3/8" x 4" formed steel plate welded inside and out for maximum load capacity
- **Lubrication:** Zerk fitting in swivel section and wheel hub for ease of lubrication
- **Axle:** 3/4" hollow axle with recessed zerk for lubrication
- Alternate or custom caster configurations available

RIG OPTIONS

- **Flush King Bolt** specify **KB03**

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 92PY08501SP

Poly Cam
specify **P**



Single Side specify **SSB92**. **Double Sided** specify **DSB92**

Face Contact
specify **F**



BEARING OPTIONS



Straight Roller (01)



Tapered Roller (09)



Precision Ball (28)



Wrap Around
specify **WB92**



Welded Swivel Lock
specify **L**



Hand operated field installable **Swivel Lock** order **SL920000** separately (Yokes must be notched)

+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Polyurethane on Cast Iron (01 Roller Bearing)

PY 80A	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
	8	3	2000	11	3	52 ¹ / ₂	92PY0850180A
	10	3	2400	12 ⁷ / ₈	3	56 ¹ / ₂	92PY1050180A
	10	4*	3350	12 ⁷ / ₈	3 ¹ / ₂	67 ³ / ₄	92PY1070180A
	12	3	2800	14 ⁷ / ₈	3 ¹ / ₂	65	92PY1250180A
	12	3 ¹ / ₂ *	3280	14 ⁷ / ₈	3 ¹ / ₂	68 ³ / ₄	92PY1260180A
	12	4*	3840	14 ⁷ / ₈	3 ¹ / ₂	71 ¹ / ₂	92PY1270180A

To Specify Rigid or Swivel, insert "R" or "S" before "80A". Example: 92PY08501R80A.

*3-1/2" and 4" tread width model has solid axle, all others hollow axle.

Vulkollan on Cast Iron (09 Tapered Roller Bearing)*

VY	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
	8	3	4000	11	3	52 ¹ / ₂	92VY08509
	10	3	4800	12 ⁷ / ₈	3	56 ¹ / ₂	92VY10509
	12	3	4800	14 ⁷ / ₈	3 ¹ / ₂	65	92VY12509

* Roller (01) and Precision Ball (28) bearings available. Change "09" to other bearing code. Roller example: 92VY08501

Continue on next page >>

+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+

X-treme Plus Solid Polyurethane (28 Precision Ball Bearing)							
XP	8	3	2000	11	3	45	92XP08528
	10	3	2500	12 ⁷ / ₈	3	48	92XP10528



Polyurethane on Cast Iron (09 Tapered Roller Bearing)*							
PI	8	3	2500	11	2 ¹ / ₂	43 ³ / ₄	92PI08509
	10	3	3000	12 ⁷ / ₈	2 ¹ / ₂	49 ¹ / ₂	92PI10509
	12	3	3500	14 ⁷ / ₈	2 ¹ / ₂	60 ¹ / ₂	92PI12509



*Roller (01) bearings available. Change "01" to other bearing code. Example: 92PI06501.

Phenolic (01 Roller Bearing)							
TM	8	3	2500	11	3	43 ¹ / ₄	92TM08501
	10	3	2900	12 ⁷ / ₈	3	46 ¹ / ₄	92TM10501
	12	3	3500	14 ⁷ / ₈	3 ¹ / ₂	49 ³ / ₄	92TM12501
	12	3 ¹ / ₂ *	4000	14 ⁷ / ₈	3 ¹ / ₂	62	92TM12601



*3-1/2" and 4" tread width model has solid axle, all others hollow axle.

Trionix™ High Impact Polymer (28 Precision Ball Bearing)							
NX	8	3	4800	11	3	43 ¹ / ₄	92NX08528
	10	3	4800	12 ⁷ / ₈	3	46	92NX10528



Cast Iron (01 Roller Bearing)*							
CA	8	3	2800	11	3	48 ¹ / ₄	92CA08501
	10	3	2800	12 ⁷ / ₈	3	53 ¹ / ₄	92CA10501
	12	3	2800	14 ⁷ / ₈	3 ¹ / ₂	59	92CA12501
	12	3 ¹ / ₂ **	4000	14 ⁷ / ₈	3 ¹ / ₂	74	92CA12601



*Tapered Roller (09) bearings available. Change "01" to other bearing code. Example: 92CA08509.

**3-1/2" and 4" tread width model has solid axle, all others hollow axle.

+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+

Drop Forged Steel (01 Roller Bearing)*							
FS	8	3	4000	11	3	54 ³ / ₄	92FS08501
	10	3	4800	12 ⁷ / ₈	3	64 ¹ / ₄	92FS10501



* (09) Tapered Roller Bearings available. Change "01" to other bearing code. Example: 92FS08509.

V-grooved Cast Iron (01 Roller Bearing)							
VG	8	3	2500	11	3	53	92VG08501
	10	3	3000	12 ⁷ / ₈	3	64	92VG10501



Ductile Iron Crowned Tread (01 Roller Bearing)*							
FR	8	3	3500	11	3	49	92FR08501
	10	3	3500	12 ⁷ / ₈	3	55	92FR10501



*Tapered Roller (09) bearing available. Change "01" to other bearing code. Example: 92FR08509.

Ductile Iron Flat Tread (01 Roller Bearing)*							
FM	8	3	3500	11	3	49	92FM08501
	10	3	3500	12 ⁷ / ₈	3	55	92FM10501



*Tapered Roller (09) bearing available. Change "01" to other bearing code. Example: 92FM08509.

Ductile Iron V-Groove Tread (01 Roller Bearing)*							
VM	8	3	3500	11	3	49	92VM08501
	10	3	3500	12 ⁷ / ₈	3	55	92VM10501



*Tapered Roller (09) bearing available. Change "01" to other bearing code. Example: 92VM08509.

CUSTOM FABRICATION

This is not a one-size-fits-all business. In fact, many of our orders require custom fabrication.

If you can't find the right caster for your special application, put the Albion engineering team to work. We will create the perfect solution for your moving problem.



See pages 16-17

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93 Heavy Duty Casters

CAPACITY TO 7500

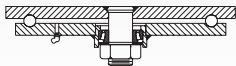


This caster is constructed from 5/8" thick AISI 1045 steel for those rugged applications. Design accommodates wider wheels for ease of use.

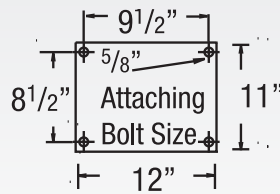
TYPICAL APPLICATIONS

- Die carts
- Towed trailers
- Workstation
- Aircraft assembly

SWIVEL CROSS SECTION



MOUNTING OPTION



Premium Quality



Towing[^]



Environmentally Friendly

FEATURES

- **Top Plate and Yoke Base:** 5/8" thick 1045 AISI steel plate for superior strength
- **Swivel Raceways:** 7" diameter precision machined load raceway with 5/8" steel balls and a tapered roller thrust bearing for easy swiveling
- **King Bolt:** 1-1/4" diameter bolt and nut heat treated for added strength
- **Legs:** 1/2" formed steel plate welded inside and out for maximum load capacity
- **Lubrication:** Zerk fitting in swivel section and wheel hub for ease of lubrication
- **Axle:** 1-1/4" solid axle
- Alternate or custom caster configurations available

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 93PY12609SP

Poly Cam
specify **P**



Face Contact
specify **F**

Welded Swivel Lock
specify **L**



BEARING OPTIONS



Straight
Roller (01)



Tapered
Roller (09)

+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
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Vulkollan on Cast Iron (09 Tapered Roller Bearing)

Model	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
VY	12	3 1/2	5300	15 3/4	4 1/2	93 1/2	93VY12609
	12	4	6925	15 3/4	4 1/2	96	93VY12709



Phenolic (09 Tapered Roller Bearing)

Model	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
TM	12	3 1/2	4000	15 3/4	4 1/2	79 1/2	93TM12609
	16	3	4000	19	4 1/2	89	93TM16509
	16	4	7500	19	4 1/2	100	93TM16709



Laminated Phenolic (09 Tapered Roller Bearing)

Model	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
TL	12	3 1/2	4000	15 3/4	4 1/2	86 1/2	93TL12609
	16	3	4000	19	4 1/2	88 3/4	93TL16509
	16	4	7500	19	4 1/2	99 1/2	93TL16709



Cast Iron (09 Tapered Roller Bearing)

Model	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
CA	12	3 1/2	4000	15 3/4	4 1/2	98 1/2	93CA12609
	16	4	5300	19	4 1/2	129 3/4	93CA16709



Ductile Iron (01 Roller Bearing)

Model	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
FM	12	3 1/2	6000	15 3/4	4 1/2	103 1/2	93FM12601



+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Moldon Rubber on Cast Iron (09 Tapered Roller Bearing)

Model	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
MR	12	4	1600	15 3/4	4 1/2	92 1/2	93MR12709
	16	4	2000	19	4 1/2	111 3/4	93MR16709
	16	5	2570	19	4 1/2	125	93MR16809
	18	5	2800	21	4 1/2	149	93MR18809



Polyurethane on Cast Iron (09 Tapered Roller Bearing)

Model	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
PY	12	3 1/2	4110	15 3/4	4 1/2	93 1/2	93PY12609
	12	4	4800	15 3/4	4 1/2	96	93PY12709
	16	3	4260	19	4 1/2	116 3/4	93PY16509
	16	4	5970	19	4 1/2	131 1/4	93PY16709
	16	5	7500	19	4 1/2	145 3/4	93PY16809
	18	5	7500	21	4 1/2	152	93PY18809



Thick Tread Polyurethane (09 Tapered Roller Bearing)

Model	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
PX	12	4	5280	15 3/4	4 1/2	100	93PX12709
	16	3	4680	19	4 1/2	119	93PX16509
	16	4	6570	19	4 1/2	134	93PX16709
	16	5	7500	19	4 1/2	149	93PX16809



Looking for a **Heavy Duty Wheel**

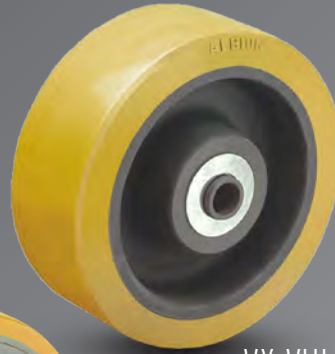
that also **PROTECTS
YOUR FLOOR?**



NX
UP TO 7200 LB CAPACITY



VY VULKOLLAN®
UP TO 6925 LB CAPACITY



VX VULKOLLAN®
UP TO 5000 LB CAPACITY



PX
UP TO 7700 LB CAPACITY

**HEAVY DUTY
WHEELS** BY

ALBION®

VY/VX VULKOLLAN®
UP TO 6925 LB CAPACITY



Highest quality polyurethane in the world. Vulkollan® wheels offer superior tear resistance, rebound resilience, dynamic load capacity, reliability, wear resistance, and structural strength. Wheels may last 40% longer than most polyurethane wheels, especially in extreme conditions.

Features:

- Hardness: 95 Shore A
- Wheel Face: Flat tread
- Finish: Orange/brown tread on cast iron core with clear coat
- Temperature Range: -40°F to +180°F

NX UP TO 7200 LB CAPACITY



Reinforced polymer, straight sided, and higher capacity. Wheels are machined, not injection molded.

Features:

- Hardness: 78-82 Shore D
- Wheel Face: Slight radius
- Finish: Black
- Temperature Range: -30°F to +200°F

PX UP TO 7700 LB CAPACITY



Polyurethane tread is chemically bonded to a cast iron core. High capacity polyurethane protects floors, is non-marking, and delivers quieter operations than standard metal wheels.

Features:

- Hardness: 95 Shore A
- Wheel Face: Flat or crown tread
- Finish: Green tread on black core
- Temperature Range: -40°F up to +180°F

94

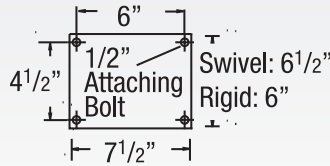
94 BBL Super Duty Casters (Ball Load Swivel)

CAPACITY TO 5000

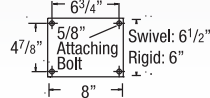


This caster has a ball load swivel (ball load swivel = "BBL") and is precision machined and heat treated to provide long life with greater capacity for that very rugged application. Made from AISI 1045 forged steel.

MOUNTING OPTIONS Standard Plate



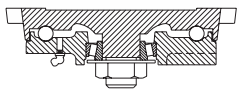
Special Order Plate Optional C Plate



TYPICAL APPLICATIONS

- Die carts
- Towed trailers
- Automotive plants
- Aerospace industry
- Work stations
- Steel mills
- Aircraft maintenance

SWIVEL CROSS SECTION



Premium Quality



Towing[^]



Environmentally Friendly

FEATURES

- **Top Plate and Yoke Base:** 1/2" thick AISI 1045 drop forged steel
- **Swivel Load:** 5" diameter ball load race with 1/2" steel balls hardened for greater resistance to wear and brinelling. Protected by a forged labyrinth skirt
- **Thrust Race:** 1-1/4" tapered roller bearing
- **Legs:** 3/8" formed steel plate welded inside and out to yoke base and rigid top
- **King Bolt:** 1-1/4" diameter integrally forged with top plate for maximum strength
- **Axle:** 1" solid axle with lock nut
- **Lubrication:** Zerk fitting in yoke base and wheel hubs for easy lubrication
- Alternate or custom caster configurations available

RIG OPTIONS

- **Sealed swivel** section specify **NS94**

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 94PY06409SBBLP

Poly Cam
specify **P**



Single Side specify **SSB94**. **Double Sided** specify **DSB94**

Face Contact
specify **F**



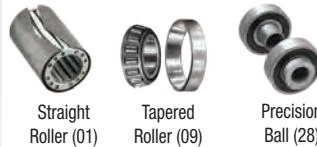
Wrap Around
specify **WB94**

Welded Swivel Lock
specify **L**



Hand operated field installable **Swivel Lock** order **SL940000** separately (Yokes must be notched)

BEARING OPTIONS

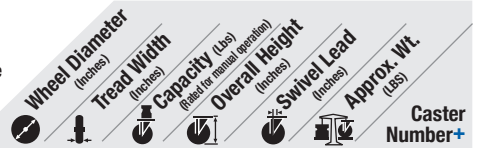


Straight Roller (01)

Tapered Roller (09)

Precision Ball (28)

+ For Rigid models change "SBBL" to "RBBL" to end of base caster number.



+ For Rigid models change "SBBL" to "RBBL" to end of base caster number.

Moldon Rubber on Cast Iron (09 Tapered Roller Bearing)

MR	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rigid or manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number+
	8	3	900	10 1/2	2 1/2	36 3/4	94MR08509SBBL
	10	3	1000	12 1/2	2 1/2	39 3/4	94MR10509SBBL
	10	3*	1800	12 1/2	2 1/2	39 3/4	94MH10509SBBL
	10	4	1400	12 1/2	2 1/2	50 3/4	94MR10709SBBL
	12	3 1/2	1500	15 1/2	2 1/2	55 3/4	94MR12609SBBL
	12	4	1600	15 1/2	2 1/2	63 1/4	94MR12709SBBL

*Heavy-duty MH version of 10x3 wheel.

Polyurethane on Cast Iron (09 Tapered Roller Bearing)

PY	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rigid or manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number+
	6	2 1/2	1600	8 1/2	2 1/2	36	94PY06409SBBL
	6	3	2000	8 1/2	2 1/2	37 1/4	94PY06509SBBL
	8	3	2500	10 1/2	2 1/2	41	94PY08509SBBL
	8	4	3800	10 1/2	2 1/2	48	94PY08709SBBL
	10	3	3000	12 1/2	2 1/2	45 1/2	94PY10509SBBL
	10	4	4200	12 1/2	2 1/2	55	94PY10709SBBL
	12	3 1/2	4110	15 1/2	2 1/2	57 1/2	94PY12609SBBL
	12	4	4800	15 1/2	2 1/2	60	94PY12709SBBL

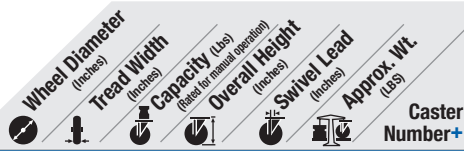
Polyurethane 80A on Cast Iron (09 Tapered Roller Bearing)

PY 80A	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rigid or manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number+
	6	2 1/2	1300	8 1/2	2 1/2	36	94PY06409SBBL80A
	6	3	1600	8 1/2	2 1/2	37 1/4	94PY06509SBBL80A
	8	3	2000	10 1/2	2 1/2	41	94PY08509SBBL80A
	8	4	3000	10 1/2	2 1/2	48	94PY08709SBBL80A
	10	3	2400	12 1/2	2 1/2	45 1/2	94PY10509SBBL80A
	10	4	3350	12 1/2	2 1/2	55	94PY10709SBBL80A
	12	3 1/2	3280	15 1/2	2 1/2	57 1/2	94PY12609SBBL80A
	12	4	3840	15 1/2	2 1/2	60	94PY12709SBBL80A

To Specify Rigid, insert "R" before "80A".

Ex: 94PY06409SBBLR80A.

+ For Rigid models change "SBBL" to "RBBL" to end of base caster number.



Polyurethane on Cast Iron (09 Tapered Roller Bearing)*								
PI		6	2 1/2	1600	8 1/2	2 1/2	34	94PI06409SBBL
		6	3	2000	8 1/2	2 1/2	35 1/2	94PI06509SBBL
		8	2 1/2	2000	10 1/2	2 1/2	34 1/2	94PI08409SBBL
		8	3	2500	10 1/2	2 1/2	35 1/2	94PI08509SBBL
		10	2 1/2	2200	12 1/2	2 1/2	41	94PI10409SBBL
		10	3	3000	12 1/2	2 1/2	42 1/2	94PI10509SBBL
		12	2 1/2	2500	15 1/2	2 1/2	51 1/2	94PI12409SBBL
		12	3	3500	15 1/2	2 1/2	53	94PI12509SBBL

*Roller (01) bearings available. Change "01" to other bearing code.
Example: 94PI06401SBBL.

Polyurethane on Aluminum (09 Tapered Roller Bearing)*								
PD		8	3	2520	10 1/2	2 1/2	37	94PD08509SBBL
		10	3	3000	12 1/2	2 1/2	39 1/2	94PD10509SBBL

*Roller (01) bearings available. Change "09" to other bearing code.
Roller example: 92PD08501SBBL.

Thick Tread Polyurethane (09 Tapered Roller Bearing)								
PX		6	3	2250	8 1/2	2 1/2	37 1/4	94PX06509SBBL
		8	3	2780	10 1/2	2 1/2	41 1/2	94PX08509SBBL
		8	4	3850	10 1/2	2 1/2	48	94PX08709SBBL
		10	3	3300	12 1/2	2 1/2	46	94PX10509SBBL
		10	4	4620	12 1/2	2 1/2	55	94PX10709SBBL
		12	4	5000	15 1/2	2 1/2	60	94PX12709SBBL

Vulkollan on Cast Iron (09 Tapered Bearing)*								
VY		6	2 1/2	2350	8 1/2	2 1/2	36	94VY06409SBBL
		6	3	3000	8 1/2	2 1/2	37 1/4	94VY06509SBBL
		8	3	4000	10 1/2	2 1/2	41	94VY08509SBBL
		10	3	5000	12 1/2	2 1/2	45 1/2	94VY10509SBBL

*Roller (01) and Precision Ball (28) bearings available. Change "09" to other bearing code. Precision Ball example: 94VY06428SBBL.

Thick Tread Vulkollan (09 Roller Bearing)*								
VX		6	3	3000	8 1/2	2 1/2	37 1/4	94VX06509SBBL
		8	3	4000	10 1/2	2 1/2	41 1/2	94VX08509SBBL
		10	3	5000	12 1/2	2 1/2	46	94VX10509SBBL

*Roller (01) and Precision Ball (28) bearings available. Change "09" to other bearing code. Precision Ball example: 94VX06428SBBL.

Trionix™ High Impact Polymer (28 Precision Ball Bearing)								
NX		6	2 1/2	5000	8 1/2	2 1/2	36	94NX06428SBBL
		6	3	5000	8 1/2	2 1/2	37 1/4	94NX06528SBBL
		8	3	5000	10 1/2	2 1/2	41	94NX08528SBBL
		10	3	5000	12 1/2	2 1/2	45 1/2	94NX10528SBBL

Phenolic (09 Tapered Roller Bearing)								
TM		6	2 1/2	1620	8 1/2	2 1/2	32 1/4	94TM06409SBBL
		8	3	2500	10 1/2	2 1/2	38	94TM08509SBBL
		10	2 1/2	2500	12 1/2	2 1/2	46	94TM10409SBBL
		10	3	2900	12 1/2	2 1/2	49	94TM10509SBBL
		12	3 1/2	4000	15 1/2	2 1/2	52 3/4	94TM12609SBBL
		12	4	5000	15 1/2	2 1/2		94TM12709SBBL

+ For Rigid models change "SBBL" to "RBBL" to end of base caster number.



Laminated Phenolic (09 Tapered Roller Bearing)								
TL		6	3	2000	8 1/2	2 1/2	29 1/2	94TL06509SBBL
		8	3	2500	10 1/2	2 1/2	32 1/4	94TL08509SBBL
		10	3	3000	12 1/2	2 1/2	46	94TL10509SBBL
		12	3 1/2	4000	15 1/2	2 1/2	49 3/4	94TL12609SBBL

Cast Iron (09 Tapered Roller Bearing)								
CA		6	3	2800	8 1/2	2 1/2	38 1/2	94CA06509SBBL
		8	3	2800	10 1/2	2 1/2	38 1/2	94CA08509SBBL
		8	4	4000	10 1/2	2 1/2	52 1/2	94CA08709SBBL
		10	3	2800	12 1/2	2 1/2	43 1/2	94CA10509SBBL
		12	3	2800	15 1/2	2 1/2	49 1/2	94CA12509SBBL
		12	3 1/2	4000	15 1/2	2 1/2	63	94CA12609SBBL

Drop Forged Steel (09 Tapered Roller Bearing)								
FS		6	2 1/2	4000	8 1/2	2 1/2	37	94FS06409SBBL
		6	3	5000	8 1/2	2 1/2	45	94FS06509SBBL
		8	3	4500	10 1/2	2 1/2	44	94FS08509SBBL
		8	4	5000	10 1/2	2 1/2	47	94FS08709SBBL
		10	3	5000	12 1/2	2 1/2	53 3/4	94FS10509SBBL
		10	4	5000	12 1/2	2 1/2	73 1/2	94FS10709SBBL

Ductile Iron Crowned Tread (09 Tapered Roller Bearing)*								
FR		6	2 1/2	3500	8 1/2	2 1/2	34	94FR06409SBBL
		6	3	5000	8 1/2	2 1/2	35	94FR06509SBBL
		8	3	5000	10 1/2	2 1/2	41	94FR08509SBBL
		10	3	5000	12 1/2	2 1/2	46	94FR10509SBBL

*Roller (01) and Precision Ball (28) bearings available. Change "09" to other bearing code. Roller example: 94FR08501SBBL.

Ductile Iron Flat Tread (09 Tapered Roller Bearing)*								
FM		6	2 1/2	3500	8 1/2	2 1/2	34	94FM06409SBBL
		6	3	5000	8 1/2	2 1/2	35	94FM06509SBBL
		8	3	5000	10 1/2	2 1/2	41	94FM08509SBBL
		10	3	5000	12 1/2	2 1/2	46	94FM10509SBBL
		12	3 1/2	5000	15 1/2	2 1/2	67 1/2	94FM12609SBBL

*Roller (01) and Precision Ball (28) available. Change "09" to other bearing code. Straight Roller example: 94FM08501BBL.

Ductile Iron V-Groove Tread (09 Tapered Roller Bearing)*								
VM		6	2 1/2	3500	8 1/2	2 1/2	34	94VM06409SBBL
		6	3	5000	8 1/2	2 1/2	35	94VM06509SBBL
		8	3	5000	10 1/2	2 1/2	41	94VM08509SBBL
		10	3	5000	12 1/2	2 1/2	46	94VM10509SBBL

*Roller (01) and Precision Ball (28) bearings available. Change "09" to other bearing code. Roller example: 94VM08501SBBL.

94

94 TRL Super Duty Casters (Tapered Thrust Swivel Section) CAPACITY TO 10000

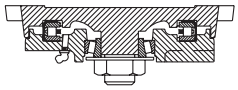


This caster has a precision roller bearing load and thrust swivel section (thrust swivel section = "TRL") and is precision machined to provide long life with greater capacity for that very rugged application. Made from AISI 1045 drop forged steel.

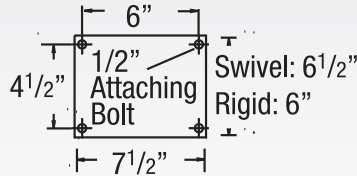
TYPICAL APPLICATIONS

- Die carts
- Towed trailers
- Automotive plants
- Aerospace industry
- Work stations
- Steel mills
- Aircraft maintenance
- Gantries

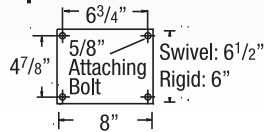
SWIVEL CROSS SECTION



MOUNTING OPTIONS Standard Plate



Special Order Plate Optional C Plate



+ For Rigid models change "STRL" to "RTRL" to end of base caster number.

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rigid or manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number+
Moldon Rubber on Cast Iron (09 Tapered Roller Bearing)							
MR	8	3	900	10 1/2	2 1/2	36 3/4	94MR08509STRL
	10	3	1000	12 1/2	2 1/2	39 3/4	94MR10509STRL
	10	4	1400	12 1/2	2 1/2	50 3/4	94MR10709STRL
	12	3 1/2	1500	15 1/2	2 1/2	55 3/4	94MR12609STRL
	12	4	1600	15 1/2	2 1/2	63 1/4	94MR12709STRL

Heavy Duty Moldon Rubber on Cast Iron (09 Tapered Bearing)

MH	10	3	1800	12 1/2	2 1/2	39 3/4	94MH10509STRL
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Premium Quality



Towing^



Environmentally Friendly

FEATURES

- **Top Plate and Yoke Base:** 1/2" thick AISI 1045 drop forged steel
- **Swivel Load Race:** Precision tapered roller bearing which has 5" outside diameter for increased capacity
- **Thrust Bearing:** 1-1/4" tapered roller bearing
- **Legs:** 3/8" formed steel plate welded inside and outside for additional strength
- **King Bolt:** 1-1/4" diameter integrally forged with top plate for maximum strength
- **Axle:** 1" solid axle with lock nut
- **Lubrication:** Zerk fitting in yoke base and wheel hubs for ease of lubrication
- Alternate or custom caster configurations available

RIG OPTIONS

- Spring-loaded, dual wheel models available, consult factory
- **Sealed swivel section** specify **NS94**

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 94PY06509STRLP

Poly Cam
specify **P**

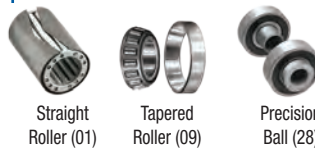


Single Side specify **SSB94**. **Double Sided** specify **DSB94**

Face Contact
specify **F**



BEARING OPTIONS



Wrap Around
specify **WB94**

Hand operated field installable **Swivel Lock** order **SL940000** separately (Yokes must be notched)



Welded Swivel Lock
specify **L**

+ For Rigid models change "STRL" to "RTRL" to end of base caster number.

Polyurethane on Cast Iron (09 Tapered Roller Bearing)

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rigid or manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number+
PY	6	3	2000	8 1/2	2 1/2	37 1/4	94PY06509STRL
	8	3	2500	10 1/2	2 1/2	41	94PY08509STRL
	8	4	3800	10 1/2	2 1/2	48	94PY08709STRL
	10	3	3000	12 1/2	2 1/2	45 1/2	94PY10509STRL
	10	4	4200	12 1/2	2 1/2	55	94PY10709STRL
	12	3 1/2	4110	15 1/2	2 1/2	57 1/2	94PY12609STRL
	12	4	4800	15 1/2	2 1/2	60	94PY12709STRL

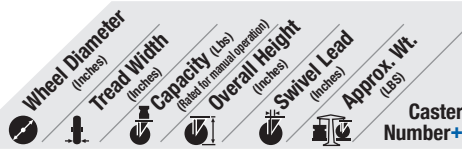
Polyurethane on Cast Iron (09 Tapered Roller Bearing)

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rigid or manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number+
PY 80A	6	3	1600	8 1/2	2 1/2	37 1/4	94PY06509STRL80A
	8	3	2000	10 1/2	2 1/2	41	94PY08509STRL80A
	8	4	3000	10 1/2	2 1/2	48	94PY08709STRL80A
	10	3	2400	12 1/2	2 1/2	45 1/2	94PY10509STRL80A
	10	4	3550	12 1/2	2 1/2	55	94PY10709STRL80A
	12	3 1/2	2160	15 1/2	2 1/2	57 1/2	94PY12609STRL80A
	12	4	3840	15 1/2	2 1/2	60	94PY12709STRL80A

To Specify Rigid or Swivel, insert "R" or "S" before "80A".
Ex: 94PY06509STRLR80A.

Continue on next page >>

+ For Rigid models change "STRL" to "RTRL" to end of base caster number.



Polyurethane on Cast Iron (09 Tapered Roller Bearing)*

PI	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Caster Number+
	6	2 1/2	1600	8 1/2	2 1/2	34	94PI06409STRL
	6	3	2000	8 1/2	2 1/2	35 1/2	94PI06509STRL
	8	2 1/2	2000	10 1/2	2 1/2	34 1/2	94PI08409STRL
	8	3	2500	10 1/2	2 1/2	35 1/2	94PI08509STRL
	10	2 1/2	2200	12 1/2	2 1/2	41	94PI10409STRL
	10	3	3000	12 1/2	2 1/2	42 1/2	94PI10509STRL
	12	2 1/2	2500	15 1/2	2 1/2	51 1/2	94PI12409STRL
	12	3	3500	15 1/2	2 1/2	53	94PI12509STRL

*Roller (01) bearings available. Change "01" to other bearing code. Example: 94PI06401STRL.

Polyurethane on Aluminum (09 Tapered Roller Bearing)*

PD	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Caster Number+
	8	3	2520	10 1/2	2 1/2	41	94PD08509STRL
	10	3	3000	12 1/2	2 1/2	45 1/2	94PD10509STRL

*Roller (01) bearings available. Change "09" to other bearing code. Roller example: 94PD08501STRL.

Thick Tread Polyurethane (09 Tapered Roller Bearing)

PX	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Caster Number+
	6	3	2250	8 1/2	2 1/2	37 1/4	94PX06509STRL
	8	3	2780	10 1/2	2 1/2	41 1/2	94PX08509STRL
	8	4	3850	10 1/2	2 1/2	48	94PX08709STRL
	10	3	3300	12 1/2	2 1/2	46	94PX10509STRL
	10	4	4620	12 1/2	2 1/2	55	94PX10709STRL
	12	4	5280	15 1/2	2 1/2	60	94PX12709STRL

Vulkollan on Cast Iron (09 Tapered Roller Bearing)*

VY	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Caster Number+
	6	3	3000	8 1/2	2 1/2	37 1/4	94VY06509STRL
	8	3	4000	10 1/2	2 1/2	41	94VY08509STRL
	10	3	5000	12 1/2	2 1/2	45 1/2	94VY10509STRL

*Roller (01) and Precision Ball (28) bearings available. Change "01" to other bearing code. Precision example: 94VY06528STRL.

Thick Tread Vulkollan (09 Tapered Roller Bearing)*

VX	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Caster Number+
	6	3	3000	8 1/2	2 1/2	37 1/4	94VX06509STRL
	8	3	4000	10 1/2	2 1/2	41 1/2	94VX08509STRL
	10	3	5000	12 1/2	2 1/2	46	94VX10509STRL

*Roller (01) and Precision Ball (28) bearings available. Change "09" to other bearing code. Precision Ball bearing example: 94VX06528STRL.

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

NX	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Caster Number+
	6	2 1/2	7100	8 1/2	2 1/2	36	94NX06428STRL
	6	3	7100	8 1/2	2 1/2	37 1/4	94NX06528STRL
	8	3	7100	10 1/2	2 1/2	41	94NX08528STRL
	10	3	7100	12 1/2	2 1/2	45 1/2	94NX10528STRL

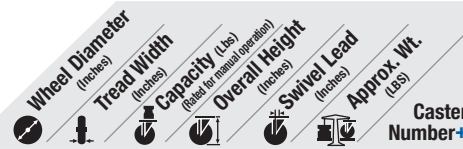
Phenolic (09 Tapered Roller Bearing)

TM	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Caster Number+
	6	2 1/2	2000	8 1/2	2 1/2	32 1/4	94TM06409STRL
	8	3	2500	10 1/2	2 1/2	38	94TM08509STRL
	10	3	2900	12 1/2	2 1/2	49	94TM10509STRL
	12	3 1/2	4000	15 1/2	2 1/2	49 3/4	94TM12609STRL
	12	4	8000	15 1/2	2 1/2	52 1/4	94TM12709STRL

Laminated Phenolic (09 Tapered Roller Bearing)

TL	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Caster Number+
	6	3	2000	8 1/2	2 1/2	29 1/2	94TL06509STRL
	8	3	2500	10 1/2	2 1/2	32 1/4	94TL08509STRL
	10	3	3000	12 1/2	2 1/2	46	94TL10509STRL
	12	3 1/2	4000	15 1/2	2 1/2	49 3/4	94TL12609STRL

+ For Rigid models change "STRL" to "RTRL" to end of base caster number.



Cast Iron (09 Tapered Roller Bearing)

CA	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Caster Number+
	6	3	2800	8 1/2	2 1/2	38 1/2	94CA06509STRL
	8	3	2800	10 1/2	2 1/2	38 1/2	94CA08509STRL
	8	4	6000	10 1/2	2 1/2	52 1/2	94CA08709STRL
	10	3	2800	12 1/2	2 1/2	43 1/2	94CA10509STRL
	12	3	2800	15 1/2	2 1/2	49 1/2	94CA12509STRL

Drop Forged Steel (01 Roller or 09 Tapered Roller Bearing)

FS	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Caster Number+
	6	2 1/2	4000	8 1/2	2 1/2	37	94FS06401STRL
	6	2 1/2	5000	8 1/2	2 1/2	37	94FS06409STRL
	6	3	6000	8 1/2	2 1/2	45	94FS06501STRL
	6	3	10000	8 1/2	2 1/2	45	94FS06509STRL
	8	3	4500	10 1/2	2 1/2	44	94FS08501STRL
	8	3	5500	10 1/2	2 1/2	44	94FS08509STRL
	8	4	8350	10 1/2	2 1/2	47	94FS08701STRL
	8	4	10000	10 1/2	2 1/2	47	94FS08709STRL
	10	3	5000	12 1/2	2 1/2	53 3/4	94FS10501STRL
	10	3	6000	12 1/2	2 1/2	53 3/4	94FS10509STRL
	10	4	8350	12 1/2	2 1/2	73 1/2	94FS10701STRL
	10	4	10000	12 1/2	2 1/2	73 1/2	94FS10709STRL

V-Grooved Cast Iron (09 Tapered Roller Bearing)

VL	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Caster Number+
	8	3	4000	10 1/2	2 1/2	42 3/4	94VL08509STRL
	10	3	4000	12 1/2	2 1/2	35 3/4	94VL10509STRL

V-Grooved Drop Forged Steel (01 Roller or 09 Tapered Roller)

VF	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Caster Number+
	6	3	6000	8 1/2	2 1/2	45	94VF06501STRL
	6	3	6500	8 1/2	2 1/2	45	94VF06509STRL
	8	3	6000	10 1/2	2 1/2	44	94VF08501STRL
	8	4	8350	10 1/2	2 1/2	47	94VF08701STRL
	8	4	10000	10 1/2	2 1/2	47	94VF08709STRL
	10	4	8350	12 1/2	2 1/2	73 1/2	94VF10701STRL
	10	4	10000	12 1/2	2 1/2	73 1/2	94VF10709STRL

Ductile Iron Crowned Tread (01 Roller Bearing)*

FR	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Caster Number+
	6	2 1/2	3500	8 1/2	2 1/2	34	94FR06409STRL
	6	3	6000	8 1/2	2 1/2	35	94FR06509STRL
	8	3	6000	10 1/2	2 1/2	41	94FR08509STRL
	10	3	6000	12 1/2	2 1/2	46	94FR10509STRL

*Roller (01) and Precision Ball (28) bearings available. Change "09" to other bearing code. Roller example: 94FR08501STRL.

Ductile Iron Flat Tread (09 Tapered Roller Bearing)*

FM	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Caster Number+
	6	2 1/2	3500	8 1/2	2 1/2	34	94FM06409STRL
	6	3	6000	8 1/2	2 1/2	35	94FM06509STRL
	8	3	6000	10 1/2	2 1/2	41	94FM08509STRL
	10	3	6000	12 1/2	2 1/2	46	94FM10509STRL
	12	3 1/2	6000	15 1/2	2 1/2	67 1/2	94FM12609STRL

*Roller (01) and Precision Ball (28) bearings available. Change "09" to other bearing code. Roller example: 94FM08501STRL.

Ductile Iron V-Groove Tread (09 Tapered Roller Bearing)

VM	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Caster Number+
	6	2 1/2	3500	8 1/2	2 1/2	34	94VM06409STRL
	6	3	6000	8 1/2	2 1/2	35	94VM06509STRL
	8	3	6000	10 1/2	2 1/2	41	94VM08509STRL
	10	3	6000	12 1/2	2 1/2	46	94VM10509STRL

*Roller (01) and Precision Ball (28) bearings available. Change "09" to other bearing code. Roller example: 94VM08501STRL.

94TRL SERIES • CAPACITY TO 10000

HEAVY DUTY KINGPIN

95

95 BBL Super Duty Casters (Ball Load Swivel)

CAPACITY TO 8000

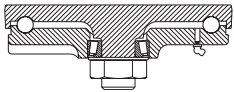


This popular caster series has a ball load swivel (ball load swivel = "BBL") and is precision machined and heat treated to provide long life with greater capacity for that very rugged application. Made from AISI 1045 forged steel.

TYPICAL APPLICATIONS

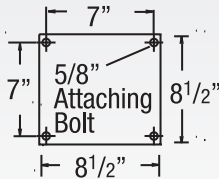
- Die carts
- Towed trailers
- Automotive plants
- Aerospace industry
- Work stations
- Steel mills
- Aircraft maintenance

SWIVEL CROSS SECTION

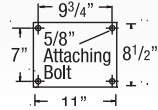


+ For Rigid models change "SBBL" to "RBBL" to end of base caster number.

MOUNTING OPTIONS Standard Plate



Special Order Plate Optional T Plate



Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rate for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number+
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Moldon Rubber on Cast Iron (01 Roller Bearing)

MR	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Caster Number
	10	4	1400	13	2 1/2	64 3/4	95MR10701SBBL
	12	4	1600	15 1/2	2 1/2	55 3/4	95MR12701SBBL
	16	5	2570	19	3	105 1/4	95MR16801SBBL

Polyurethane on Cast Iron (09 Tapered Roller Bearing)*

PY	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Caster Number
	10	4	4200	13	2 1/2	71	95PY10709SBBL
	10	5	5000	13	2 1/2	82	95PY10809SBBL
	12	3 1/2	4110	15 1/2	2 1/2	73 1/2	95PY12609SBBL
	12	4	4800	15 1/2	2 1/2	76 1/4	95PY12709SBBL
	12	5	6000	15 1/2	2 1/2	90	95PY12809SBBL
	16	4	5970	19	3	111 1/2	95PY16709SBBL
	16	5	7700	19	3	126 1/4	95PY16809SBBL

*Roller Bearings (01) available. To order change bearing code. Example 95PY08701SBBL.

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

NX	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Caster Number
	6	2 1/2	7200	9	2 1/4	36	95NX06428SBBL
	6	3	7200	9	2 1/4	37 1/4	95NX06528SBBL
	8	2 1/2	7200	11	2 1/4	41	95NX08428SBBL
	8	3	7200	11	2 1/4	41	95NX08528SBBL
	10	2 1/2	7200	13	2 1/2	45 1/2	95NX10428SBBL
	10	3	7200	13	2 1/2	45 1/2	95NX10528SBBL



Premium Quality



Towing^



Environmentally Friendly

FEATURES

- **Top Plate and Yoke Base:** 5/8" thick 1045 AISI drop-forged steel for extended use
- **Swivel Load Bearings:** 7" diameter machined and hardened raceway for smooth movement and extended wear
- **Component Thrust Bearing:** 1-1/4" tapered roller bearing
- **Legs:** 1/2" formed steel plate welded inside and out to yoke base
- **King Bolt:** Integrally forged with top plate
- **Axle:** 1-1/4" solid axle with locking nut
- Alternate or custom caster configurations available

RIG OPTIONS

- **Sealed swivel** section specify **NS95**

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 95PY10709SBBLP

Poly Cam specify **P**



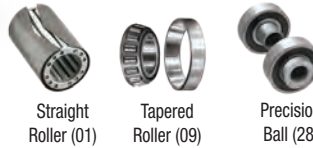
Face Contact specify **F**



Welded Swivel Lock specify **L**



BEARING OPTIONS



Straight Roller (01)

Tapered Roller (09)

Precision Ball (28)

Hand operated field installable **Swivel Lock** order **SL954600** separately (Yokes must be notched)

+ For Rigid models change "SBBL" to "RBBL" to end of base caster number.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rate for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number+
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Thick Tread Polyurethane (09 Tapered Roller Bearing)*

PX	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Caster Number
	8	4	3850	11	2 1/4	63	95PX08709SBBL
	10	4	4620	13	2 1/2	71	95PX10709SBBL
	12	4	5280	15 1/2	2 1/2	76 1/4	95PX12709SBBL
	12	5	6600	15 1/2	2 1/2	90	95PX12809SBBL
	16	4	6570	19	3	111 1/2	95PX16709SBBL
	16	5	8470	19	3	126 1/4	95PX16809SBBL

*Roller Bearings (01) available. To order change bearing code. Example 95PX08701SBBL.

Phenolic (09 Tapered Roller Bearing)

TM	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Caster Number
	8	6*	5000	11	2 1/2	54 1/2	95TM08909SBBL
	10	3	2900	13	2 1/2	27	95TM10509SBBL
	10	6*	5800	13	2 1/2	54	95TM10909SBBL
	12	4	8000	15 1/2	2 1/2	67 1/2	95TM12709SBBL

*2 wheels bolted together.

Laminated Phenolic (01 Roller Bearing/09 Tapered Roller Bearing)*

TL	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Caster Number
	6	5	8000	9	2 1/4	46	95TL06809SBBL
	8	6**	5000	11	2 1/2	54	95TL08909SBBL
	10	6**	5800	13	2 1/2	61 1/4	95TL10909SBBL
	12	3 1/2	4000	15 1/2	2 1/2	58 3/4	95TL12601SBBL
	16	4	8000	19	3	79 3/4	95TL16701SBBL

*Tapered Roller Bearings (09) available. To order change bearing code. Example 95TL08709SBBL. **2 wheels bolted together.

Drop Forged Steel (01 Roller or 09 Tapered Roller Bearing)

FS	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Caster Number
	6	3	6000	9	2 1/4	60 1/4	95FS06501SBBL
	6	3	8000	9	2 1/4	59 1/2	95FS06509SBBL
	8	4	8000	11	2 1/4	61 1/2	95FS08701SBBL
	8	4	8000	11	2 1/4	72 1/2	95FS08709SBBL
	10	3	5000	13	2 1/2	78 1/2	95FS10501SBBL
	10	4	8000	13	2 1/2	86 1/4	95FS10701SBBL
	10	4	8000	13	2 1/2	86 1/2	95FS10709SBBL

Ductile Iron (09 Tapered Roller Bearing)*

FM	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Caster Number
	12	3 1/2	6000	15 1/2	2 1/2	83 1/2	95FM12609SBBL

*Roller Bearings (01) available. To order change "09" to other bearing code. Example: 95FM12601SBBL.

95

95 TRL Super Duty Casters (Tapered Thrust Swivel Section)

CAPACITY TO 17000

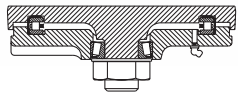


This popular caster series has a precision roller bearing load and thrust swivel section (thrust swivel section = "TRL"). Rigs are precision machined to provide long life with greater capacity for that very rugged application. Made from AISI 1045 drop forged steel.

TYPICAL APPLICATIONS

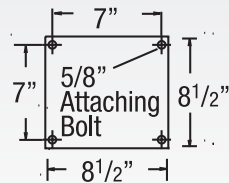
- Die carts
- Towed trailers
- Automotive plants

SWIVEL CROSS SECTION



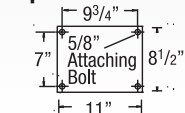
MOUNTING OPTIONS

Standard Plate



Special Order Plate

Optional T Plate



+ For Rigid models change "STRL" to "RTRL" to end of base caster number.

Moldon Rubber on Cast Iron (01 Roller)

MR	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Caster Number+
	10	4	1400	13	2 1/2	64 3/4	95MR10701STRL
	12	4	1600	15 1/2	2 1/2	55 3/4	95MR12701STRL
	16	5	2570	19	3	105 1/4	95MR16801STRL

Polyurethane on Cast Iron (09 Tapered Roller Bearing)*

PY	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Caster Number+
	8	4	3800	11	2 1/4	63	95PY08709STRL
	10	4	4200	13	2 1/2	71	95PY10709STRL
	10	5	5000	13	2 1/2	82	95PY10809STRL
	12	3 1/2	4110	15 1/2	2 1/2	73 1/2	95PY12609STRL
	12	4	4800	15 1/2	2 1/2	76 1/4	95PY12709STRL
	12	5	6000	15 1/2	2 1/2	90	95PY12809STRL
	16	4	5970	19	3	111 1/2	95PY16709STRL
	16	5	7700	19	3	126 1/4	95PY16809STRL

*Roller (01) bearings available. To order change "09" to other bearing code. Example: 95PY08701STRL.



Premium Quality



Towing^



Environmentally Friendly

FEATURES

- **Top Plate and Yoke Base:** 5/8" thick AISI 1045 drop-forged steel precision machined for bearings
- **Swivel Load Bearings:** 7" diameter machined raceway with a precision tapered roller bearing which is protected by a forged labyrinth skirt
- **Component Thrust Bearing:** 1-1/4" tapered roller bearing
- **Legs:** 1/2" steel plate formed for greater strength and welded to yoke base both inside and outside
- **King Bolt:** 1-1/4" integrally forged with top plate machined and threaded
- **Axle:** 1-1/4" solid axle and lock nut
- Alternate or custom caster configurations available

RIG OPTIONS

- **Sealed swivel** section specify **NS95**

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 95PY08709STRLP

Poly Cam specify **P**

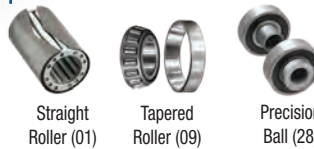


Face Contact specify **F**

Welded Swivel Lock specify **L**



BEARING OPTIONS



Straight Roller (01)

Tapered Roller (09)

Precision Ball (28)



Hand operated field installable **Swivel Lock** order **SL954600** separately (Yokes must be notched)

+ For Rigid models change "STRL" to "RTRL" to end of base caster number.

Thick Tread Polyurethane (09 Tapered Roller Bearing)*

PX	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Caster Number+
	8	4	3850	11	2 1/4	63	95PX08709STRL
	10	4	4620	13	2 1/2	71	95PX10709STRL
	12	4	5280	15 1/2	2 1/2	76 1/4	95PX12709STRL
	12	5	6600	15 1/2	2 1/2	90	95PX12809STRL
	16	4	6570	19	3	111 1/2	95PX16709STRL
	16	5	8470	19	3	126 1/4	95PX16809STRL

*Roller (01) bearings available. To order change "09" to other bearing code. Example: 95PX08701STRL.

Continue on next page >>

+ For Rigid models change "STRL" to "RTRL" to end of base caster number.



Phenolic (09 Tapered Roller Bearing)

TM	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Caster Number+
	8	6*	5000	11	2 1/2	54 1/2	95TM08909STRL
	10	6*	5800	13	2 1/2	54	95TM10909STRL
	12	4	8000	15 1/2	2 1/2	67 1/2	95TM12709STRL

*2 wheels bolted together.

Laminated Phenolic (01 Roller Bearing/09 Tapered Roller Bearing)**

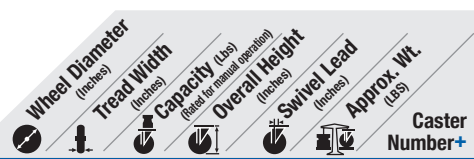
TL	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Caster Number+
	6	5	8000	9	2 1/4	46	95TL06809STRL
	8	6*	5000	11	2 1/2	54	95TL08909STRL
	10	6*	5800	13	2 1/2	61 1/4	95TL10909STRL
	12	3 1/2	4000	15 1/2	2 1/2	58 3/4	95TL12601STRL
	16	4	8000	19	3	79 3/4	95TL16701STRL

*2 wheels bolted together.
 **Tapered Roller Bearings (09) available.
 To order change "01" to other bearing code.
 Example: 95TL06801STRL.

Drop Forged Steel (01 Roller or 09 Tapered Roller Bearing)

FS	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Caster Number+
	6	3	6000	9	2 1/4	60 1/4	95FS06501STRL
	6	3	10000	9	2 1/4	59 1/2	95FS06509STRL
	8	4	8000	11	2 1/4	61 1/2	95FS08701STRL
	8	4	10000	11	2 1/4	72 1/2	95FS08709STRL
	10	3	6500	13	2 1/2	78 1/2	95FS10509STRL
	10	4	8350	13	2 1/2	86 1/4	95FS10701STRL
	10	4	10000	13	2 1/2	86 1/2	95FS10709STRL

+ For Rigid models change "STRL" to "RTRL" to end of base caster number.



Large Bore Drop Forged Steel (09 Tapered Roller Bearing)

FH	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Caster Number+
	6	3	17000	9	2 1/4	59 1/2	95FH06509STRL
	8	4	17000	11	2 1/4	72 1/2	95FH08709STRL
	10	3	6000	13	2 1/2	78 1/2	95FH10509STRL
	10	4	17000	13	2 1/2	86 1/2	95FH10709STRL

V-Groove Drop Forged Steel (01 Roller Bearing/09 Tapered Roller Bearing)

VF	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Caster Number+
	6	3	6000	9	2 1/4	59 1/2	95VF06501STRL
	6	3	6500	9	2 1/4	45	95VF06509STRL
	8	4	8350	11	2 1/4	61 1/2	95VF08701STRL
	10	3	6000	13	2 1/2	67 3/4	95VF10501STRL
	10	3	6000	13	2 1/2	67 3/4	95VF10509STRL
	10	4	8350	13	2 1/2	89 1/2	95VF10701STRL

Large Bore V-Groove Drop Forged Steel (09 Tapered Roller Bearing)

VH	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Caster Number+
	6	3	10000	9	2 1/4	45	95VH06509STRL
	8	4	15000	11	2 1/4	61 1/2	95VH08709STRL
	10	4	15000	13	2 1/2	86 1/4	95VH10709STRL

Ductile Iron (01 Roller Bearing)

FM	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Caster Number+
	12	3 1/2	6000	15 1/2	2 1/2	83 1/2	95FM12601STRL

Sometimes Even HEAVY DUTY CASTERS Need Protection from the Elements.

- Prevent corrosion and increase your caster life
- Maintain clean and safe operations
- Keep rolling in the toughest environments



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