

STAINLESS STEEL CASTERS

CAPACITY RANGE 200-3000 LBS



330 Series

Kingpinless Polished Stainless Steel Casters

120 Series



Stainless Steel

Common Applications:

- Food Processing/ Manufacturing
- Food Service
- Pharmaceuticals
- Laboratory
- Clean Room
- Hospital
- Bakery Dough Troughs
- Marine

Stainless Steel Kingpin Casters



04 Series Light Duty

Capacity to 350 77



05 Series Medium Heavy Duty

Capacity to 1200 78-79

Stainless Steel Kingpinless Casters



120 Series Kingpinless

Capacity to 1200 80-81



330 Kingpinless

Capacity to 3000 84

Economy Stainless Steel Kingpin Casters



E5 Economy Series

Capacity to 900 85-86

- Why Prevenz™ Wheels?
See pages 82-83

Albion offers the leading lineup of Stainless Kingpinless casters... handling even your toughest jobs.



KINGPINLESS STAINLESS STEEL CASTERS

- Premium 304 type stainless steel plates and legs
- Premium 316 type stainless swivel section/yoke base for even greater strength and corrosion protection
- Kingpinless design is a proven workhorse for the most abusive applications
- See pages 80-84

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



04 SERIES
Page 77



E5 ECONOMY SERIES
Pages 85 – 86



05 SERIES
Pages 78 – 79



120 KINGPINLESS
Pages 80 – 81



330 KINGPINLESS
Page 84



NW Wheel
Economical, Strong, Clean.



PREVENZ™
The antimicrobial compound used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes.

See pages 82 – 83 for more details.

Just look for this
Stainless Steel badge!



ALBION®
the caster experts

04

Light Duty Stainless Steel Casters

CAPACITY TO 350

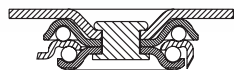


These polished stainless steel casters are designed for light-duty applications where frequent washdowns are necessary. Ideally suited for applications exposed to cleaning agents, steam, caustic solutions, or other corrosive agents which could cause rust or corrosion.

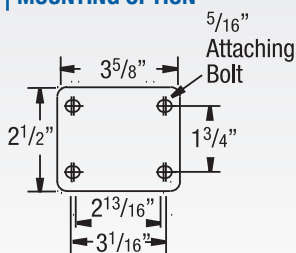
TYPICAL APPLICATIONS

- Food Service
- Pharmaceuticals
- Laboratories
- Hospitals

SWIVEL CROSS SECTION



MOUNTING OPTION



Stainless Steel



Premium Quality



Environmentally Friendly

FEATURES

- **Top Plate & Yoke:** Heavily embossed, Type 304 formed stainless steel to extend caster life under rugged conditions
- **Swivel Section:** Double stainless steel ball bearing raceways to resist wear and improve maneuverability
- **Finish:** "Polished" stainless steel finish maintains appearance in severe conditions
- **Kingpin:** 1/2" hydraulically formed stainless steel rivet
- **Axle:** 3/8" diameter Type 304 stainless steel solid axle with lock nut
- **Component Parts:** Bushing, axle and nut are all stainless steel
- **NSF:** Listed for food service industry
- Alternate or custom caster configurations available

RIG OPTIONS

- Sealed swivel specify **SS01**

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 04XS05051SGL

Grip Lock specify **GL**



Face Contact specify **F**

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) (Rating for normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
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Polypropylene (51 Delrin Bearing)

PB	3	1 1/4	250	4 1/4	1 5/16	1.50	04PB03051
	4	1 1/4	350	5 1/8	1 1/4	2.13	04PB04051
	5	1 1/4	350	6 3/16	1 1/2	2.63	04PB05051

Polyurethane on Polypropylene (51 Delrin Bearing)

XA	3	1 1/4	300	4 1/4	1 5/16	1.50	04XA03051
	3 1/2	1 1/4	350	4 11/16	1 1/4	1.75	04XA03X51
	4	1 1/4	350	5 1/8	1 1/4	2.50	04XA04051
	5	1 1/4	350	6 3/16	1 1/2	2.75	04XA05051

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

Hi-Temp Phenolic (41 Plain Bore)

TR	4	1 1/4	300	5 1/8	1 1/4	2.50	04TR04041
	5	1 1/4	325	6 3/16	1 1/2	2.75	04TR05041

Phenolic (41 Plain Bore)

TM	3	1 1/4	350	4 1/4	1 5/16	1.50	04TM03041
	3 1/2	1 1/4	350	4 11/16	1 1/4	2.00	04TM03X41
	4	1 1/4	350	5 1/8	1 1/4	2.50	04TM04041
	5	1 1/4	350	6 3/16	1 1/2	2.75	04TM05041

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rating for normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
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X-tra Soft Rubber Flat Tread (51 Delrin Bearing)*

XS	3	1 1/4	200	4 1/4	1 5/16	1.50	04XS03051
	3 1/2	1 1/4	250	4 11/16	1 1/4	1.75	04XS03X51
	4	1 1/4	300	5 1/8	1 1/4	2.50	04XS04051
	5	1 1/4	325	6 3/16	1 1/2	2.63	04XS05051

*Plain bore (41) bearing available. To order change "51" to other bearing code. Example: 04XS03041.

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

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

XR	3	1 1/4	200	4 1/4	1 5/16	1.50	04XR03028
	3 1/2	1 1/4	250	4 11/16	1 1/4	1.75	04XR03X28
	4	1 1/4	300	5 1/8	1 1/4	2.25	04XR04028
	5	1 1/4	325	6 3/16	1 1/2	2.63	04XR05028

04 SERIES • CAPACITY TO 350

STAINLESS STEEL

05

Medium Heavy Duty Stainless Steel Casters

CAPACITY TO 1200

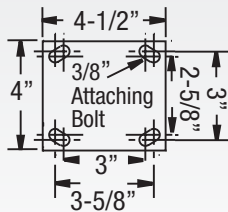


This caster is the ideal solution for applications where frequent washdowns are necessary. The stainless steel caster is also well suited for applications exposed to cleaning agents, steam, caustic solutions, or other corrosive agents which could cause rust.

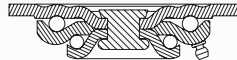
TYPICAL APPLICATIONS

- Food Processing/Service
- Bakery Dough Troughs
- Stainless Carts
- Pharmaceuticals
- Laboratory
- Clean Room
- Hospital Waste Management
- Marine
- Dollies

MOUNTING OPTION



SWIVEL CROSS SECTION



Stainless Steel



Premium Quality



Environmentally Friendly

FEATURES

- **Top Plate & Yoke:** Formed from superior 1/4" Type 304 stainless steel plate
- **Finish:** Highly polished stainless steel
- **Swivel Section:** Double stainless steel ball bearing raceways formed smooth for ease of swiveling
- **King Pin:** Stainless steel rivet
- **Axle:** 1/2" diameter, stainless steel hollow with roller bearing. Solid axle with Delrin and precision ball bearings
- **Legs:** 1/4" stainless steel formed for added strength welded to the yoke base
- **Spanner Bushing:** Type 304 Stainless Steel
- **Zerk Fitting:** Type 304 Stainless Steel
- **NSF** Consult factory
- Alternate or custom caster configurations available

RIG OPTIONS

- **Neoprene sealed swivel** section specify **NS05**
- **Notched seal kit** specify **SD016001**

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 05XS06201SCB

Stainless Steel Cam specify **CB**.

Specify 1 Piece Delrin Bearing (52)



Face
Specify **FBD**



Face
Specify **FBG**



Swivel Lock
(welded)
specify **L**

BEARING OPTIONS



Note: Wheel capacities can change with each bearing type. 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) (Rated for normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wk. (LBS)	Base Caster Number+
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X-tra Soft (Flat Tread) (01 Stainless Steel Roller Bearing)*

XS	4	2	400	5 ⁵ / ₈	17 ¹ / ₁₆	5 ¹ / ₄	05XS04201
	5	2	500	6 ¹ / ₂	1 ⁵ / ₈	5 ¹ / ₄	05XS05201
	6	2	600	7 ¹ / ₂	1 ⁷ / ₈	5 ³ / ₄	05XS06201
	8	2	675	9 ¹ / ₂	2 ³ / ₈	6	05XS08201

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*Delrin (51) Bearings available.
To order change "01" to other bearing code.
Delrin example: 05XS04251.

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

XR	6	2	450	7 ¹ / ₂	1 ⁷ / ₈	5 ³ / ₄	05XR06201
	8	2	600	9 ¹ / ₂	2 ³ / ₈	6	05XR08201

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*Delrin (51) Bearings available.
To order change "01" to other bearing code.
Delrin example: 05XR06251.

Moldon on Rubber on Aluminum (01 Stainless Steel Roller Bearing)

MD	4	1 ¹ / ₂	250	5 ⁵ / ₈	17 ¹ / ₁₆	4 ³ / ₄	05MD04101
	5	1 ¹ / ₂	300	6 ¹ / ₂	1 ⁵ / ₈	5	05MD05101
	6	2	550	7 ¹ / ₂	1 ⁷ / ₈	6	05MD06201
	8	2	600	9 ¹ / ₂	2 ³ / ₈	6 ¹ / ₂	05MD08201

+ 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 normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wk. (LBS)	Base Caster Number+
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Polypropylene (01 Stainless Steel Roller Bearing)*

PB	4	2	450	5 ⁵ / ₈	17 ¹ / ₁₆	3 ³ / ₄	05PB04201
	5	2	550	6 ¹ / ₂	1 ⁵ / ₈	4 ¹ / ₂	05PB05201
	6	2	650	7 ¹ / ₂	1 ⁷ / ₈	4 ³ / ₄	05PB06201
	8	2	850	9 ¹ / ₂	2 ³ / ₈	6 ¹ / ₄	05PB08201

*Delrin (51) Bearings available.
To order change "01" to other bearing code.
Delrin example: 05PB06251.

RETORT High Temp Polypropylene (41 Plain Bore)

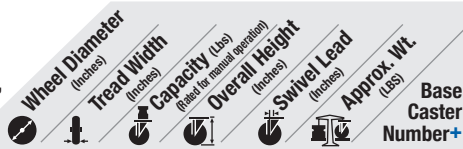
RW	4	2	500	5 ⁵ / ₈	17 ¹ / ₁₆	3 ³ / ₄	05RW04241
	5	2	650	6 ¹ / ₂	1 ⁵ / ₈	5 ¹ / ₄	05RW05241
	6	2	700	7 ¹ / ₂	1 ⁷ / ₈	5 ¹ / ₂	05RW06241
	8	2	900	9 ¹ / ₂	2 ³ / ₈	6 ¹ / ₄	05RW08241


Polyurethane on Alum. Round Tread (28 Stainless Precision Ball Bearing)

PM	5	2	1000	6 ¹ / ₂	1 ⁵ / ₈	6	05PM05228
	6	2	1200	7 ¹ / ₂	1 ⁷ / ₈	7	05PM06228
	8	2	1200	9 ¹ / ₂	2 ³ / ₈	9	05PM08228


Continue on next page >>

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




Eagle Polyurethane on Polypropylene (01 Stainless Roller Bearing)*							
EG 	4	2	600	5 ⁵ / ₈	17/16	5	05EG04201
	5	2	900	6 ¹ / ₂	1 ⁵ / ₈	5 ¹ / ₄	05EG05201
	6	2	1100	7 ¹ / ₂	17/8	5 ³ / ₄	05EG06201
	8	2	1200	9 ¹ / ₂	2 ³ / ₈	7	05EG08201


*Delrin (51) Bearings available. To order change "01" to other bearing code. Delrin Example: 05EG04251.

Polyurethane on Polypropylene (01 Stainless Steel Roller Bearing)*							
XA 	4	2	600	5 ⁵ / ₈	17/16	5	05XA04201
	5	2	750	6 ¹ / ₂	1 ⁵ / ₈	5 ¹ / ₄	05XA05201
	6	2	900	7 ¹ / ₂	17/8	5 ³ / ₄	05XA06201
	8	2	1000	9 ¹ / ₂	2 ³ / ₈	7	05XA08201


Prevenz™ antimicrobial models available. Add PREV to end of caster number.
*Delrin (51) Bearings available. Change "01" to other bearing code. Delrin Example: 05XA04251.

X-Treme™ Plus Solid Polyurethane (01 Stainless Steel Roller Bearing)							
XP 	4	2	1200	5 ⁵ / ₈	17/16	4 ¹ / ₄	05XP04201
	5	2	1200	6 ¹ / ₂	1 ⁵ / ₈	5	05XP05201
	6	2	1200	7 ¹ / ₂	17/8	5 ¹ / ₂	05XP06201
	8	2	1200	9 ¹ / ₂	2 ³ / ₈	6 ¹ / ₂	05XP08201


*Bronze (22), Stainless Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. To order change "01" to other bearing code. Stainless Pedestal Precision example: 05XP04229.

X-Treme™ Solid Polyurethane (01 Stainless Steel Roller Bearing)*							
XI 	4	2	1000	5 ⁵ / ₈	17/16	4 ¹ / ₄	05XI04201
	5	2	1000	6 ¹ / ₂	1 ⁵ / ₈	5	05XI05201
	6	2	1000	7 ¹ / ₂	17/8	5 ¹ / ₂	05XI06201
	8	2	1000	9 ¹ / ₂	2 ³ / ₈	6 ¹ / ₂	05XI08201


*Bronze (22), Stainless Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. To order change "01" to other bearing code. Stainless Pedestal Precision example: 05XI04229.

Solid Elastomer (01 Stainless Steel Roller Bearing)*							
SE 	4	2	1000	5 ⁵ / ₈	17/16	4 ¹ / ₄	05SE04201
	5	2	1000	6 ¹ / ₂	1 ⁵ / ₈	5	05SE05201
	6	2	1100	7 ¹ / ₂	17/8	5 ¹ / ₂	05SE06201
	8	2	1200	9 ¹ / ₂	2 ³ / ₈	6 ¹ / ₂	05SE08201

*Bronze (22) and Stainless Pedestal Precision (29) bearings available. To order change "01" to other bearing code. Pedestal Precision example: 05SE04229.

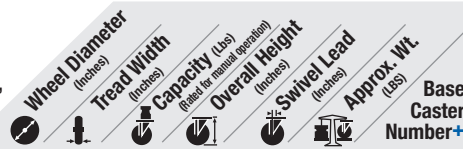
Phenolic (01 Stainless Steel Roller Bearing)*							
TM 	4	2	800	5 ⁵ / ₈	17/16	5	05TM04201
	5	2	1000	6 ¹ / ₂	1 ⁵ / ₈	5 ¹ / ₄	05TM05201
	6	2	1200	7 ¹ / ₂	17/8	6 ¹ / ₄	05TM06201
	8	2	1200	9 ¹ / ₂	2 ³ / ₈	8	05TM08201


*Delrin (51) Bearings available. To order change "01" to other bearing code. Delrin example: 05TM06251.

Straight Sided Phenolic (01 Stainless Steel Roller Bearing)*							
TH 	4	2	800	5 ⁵ / ₈	17/16	5	05TH04201
	5	2	1000	6 ¹ / ₂	1 ⁵ / ₈	5 ¹ / ₂	05TH05201
	6	2	1200	7 ¹ / ₂	17/8	6 ¹ / ₄	05TH06201


*Delrin (51) Bearings available. To order change "01" to other bearing code. Delrin example: 05TH06251.

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





Maxim® (01 Stainless Steel Roller Bearing)*							
NG 	4	2	800	5 ⁵ / ₈	17/16	5	05NG04201
	5	2	1000	6 ¹ / ₂	1 ⁵ / ₈	5 ¹ / ₄	05NG05201
	6	2	1200	7 ¹ / ₂	17/8	5 ³ / ₄	05NG06201
	8	2	1200	9 ¹ / ₂	2 ³ / ₈	7	05NG08201

Prevenz™ antimicrobial models available. Add PREV to end of caster number.
*Bronze (22), Stainless Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. To order change "01" to other bearing code. Stainless Pedestal Precision example: 05NG04229.

White Nylon (01 Stainless Steel Roller Bearing)*							
NW 	5	2	600	6 ¹ / ₂	1 ⁵ / ₈	5 ¹ / ₄	05NW05201
	6	2	900	7 ¹ / ₂	17/8	5 ³ / ₄	05NW06201
	8	2	1100	9 ¹ / ₂	2 ³ / ₈	6 ¹ / ₂	05NW08201


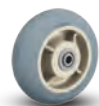
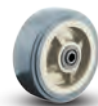

*Delrin (51) Bearings available. To order change "01" to other bearing code. Delrin example: 05NW06251.

Glass Filled Polypropylene (01 Stainless Steel Roller Bearing)							
RT 	4	2	800	5 ⁵ / ₈	17/16		05RT04201
	5	2	1000	6 ¹ / ₂	1 ⁵ / ₈		05RT05201
	6	2	1200	7 ¹ / ₂	17/8		05RT06201
	8	2	1200	9 ¹ / ₂	2 ³ / ₈		05RT08201

High Temp Glass Filled Nylon (01 Stainless Steel Roller Bearing)							
HT 	4	2	800	5 ⁵ / ₈	17/16		05HT04201
	5	2	1000	6 ¹ / ₂	1 ⁵ / ₈		05HT05201
	6	2	1200	7 ¹ / ₂	17/8		05HT06201
	8	2	1200	9 ¹ / ₂	2 ³ / ₈		05HT08201

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. To order add "PREV" to end of caster number.

XS Prevenz™
XR Prevenz™
XA Prevenz™
NG Prevenz™

05 SERIES • CAPACITY TO 1200

STAINLESS STEEL

120

Contender™ Kingpinless Stainless Steel CAPACITY TO 1200

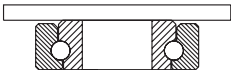


The 120 Series is constructed from 304 stainless steel and features a precision machined swivel section that is welded inside and outside to legs for maximum durability. The stainless construction is highly polished and ideal for applications exposed to cleaning agents, washdowns, caustic solutions, steam, marine environments or any other corrosive agents that could cause rust.

TYPICAL APPLICATIONS

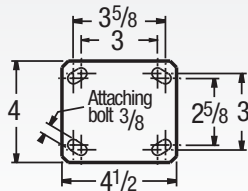
- Food Processing
- Bakery Dough Troughs
- Stainless Carts
- Pharmaceuticals
- Laboratory
- Hospital Waste Management
- Marine
- Dollies

SWIVEL CROSS SECTION

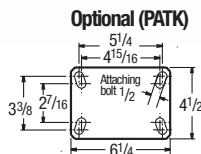


MOUNTING OPTIONS

Standard Plate



Special Order Plate*



* Available on 6" and 8" wheel diameter models; consult factory



Stainless Steel



Premium Quality



Ergonomic



Environmentally Friendly



Towing^

FEATURES

- **Top Plate:** 5/16" 304 stainless steel and welded construction for longer life
- **Yoke Base:** Notched 304 stainless steel welded inside and out
- **Legs:** 304 stainless welded inside and out
- **Swivel Section:** One row of 3/8" ball bearings mounted in a 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 Delrin, and precision ball models)
- **NSF:** Consult Factory
- Alternate or custom caster configurations available

RIG OPTIONS

- **Optional Overall height** of 10-1/8" available for 8" wheel diameter models; to specify, remove "-01" from end of caster number

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 120XS06201S**FBD**

Single Side specify **SSB120**. **Double Sided** specify **DSB120**



Face specify **FBD**

Face specify **FBG**



Hand operated field installable swivel lock order **L**

BEARING OPTIONS



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



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

XR	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
	6	2	450	7 1/2	19/16	120XR06201
	8	2	600	9 1/2	2 1/4	120XR08201S-01

Prevenz™ antimicrobial models available. Add PREV to end of model.
*Delrin (51) Bearings available. To order change "01" to other bearing code. Delrin example: 120XR06251.

Polypropylene (01 Stainless Steel Roller Bearing)*

PB	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
	4	2	450	5 5/8	13/16	120PB04201
	5	2	650	6 1/2	1 3/8	120PB05201
	6	2	750	7 1/2	19/16	120PB06201
	8	2	1000	9 1/2	2 1/4	120PB08201S-01

*Delrin (51) Bearings available. To order change "01" to other bearing code. Delrin example: 120PB06251.

RETORT High Temp Polypropylene (41 Plain Bore)

RW	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
	4	2	500	5 5/8	13/16	120RW04241
	5	2	650	6 1/2	1 3/8	120RW05241
	6	2	700	7 1/2	19/16	120RW06241
	8	2	900	9 1/2	2 1/4	120RW08241S-01

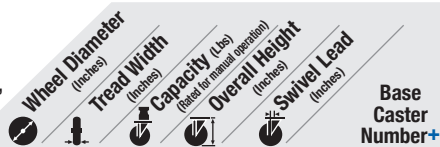


X-tra Soft (Flat Tread) (01 Stainless Steel Roller Bearing)*

XS	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
	4	2	400	5 5/8	13/16	120XS04201
	5	2	500	6 1/2	1 3/8	120XS05201
	6	2	600	7 1/2	19/16	120XS06201
	8	2	675	9 1/2	2 1/4	120XS08201S-01

Prevenz™ antimicrobial models available. Add PREV to end of model.
*Delrin (51) Bearings available. To order change "01" to other bearing code. Delrin example: 120XS04251.

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



Polyurethane on Aluminum Round Tread (28 Stainless Precision Ball Bearings)

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	120PM05228
	6	2	1200	7 1/2	1 9/16	120PM06228
	8	2	1200	9 1/2	2 1/4	120PM08228S-01

Eagle Polyurethane on Polypropylene (28 Stainless Precision Ball Bearing)*

EG	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	4	2	600	5 5/8	1 3/16	120EG04228
	5	2	900	6 1/2	1 3/8	120EG05228
	6	2	1100	7 1/2	1 9/16	120EG06228
	8	2	1200	9 1/2	2 1/4	120EG08228S-01

*Delrin (51) Bearings available. To order change "28" to other bearing code. Delrin example: 120EG04251.

Polyurethane on Polypropylene (01 Stainless Steel Roller Bearing)*

XA	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	4	2	600	5 5/8	1 3/16	120XA04201
	5	2	750	6 1/2	1 3/8	120XA05201
	6	2	900	7 1/2	1 9/16	120XA06201
	8	2	1000	9 1/2	2 1/4	120XA08201S-01

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

*Delrin (51) Bearings available. To order change "01" to other bearing code. Delrin example: 120XA04251.

X-Treme™ Plus Solid Polyurethane (01 Stainless Steel Roller Bearing)

XP	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	4	2	1200	5 5/8	1 3/16	120XP04201
	5	2	1200	6 1/2	1 3/8	120XP05201
	6	2	1200	7 1/2	1 9/16	120XP06201
	8	2	1200	9 1/2	2 1/4	120XP08201S-01

X-Treme™ Solid Polyurethane (01 Stainless Steel Roller Bearing)

XI	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	4	2	1000	5 5/8	1 3/16	120XI04201
	5	2	1000	6 1/2	1 3/8	120XI05201
	6	2	1000	7 1/2	1 9/16	120XI06201
	8	2	1000	9 1/2	2 1/4	120XI08201S-01

Phenolic (01 Stainless Steel Roller Bearing)*

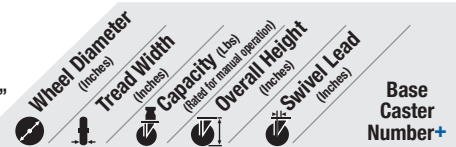
TM	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	4	2	800	5 5/8	1 3/16	120TM04201
	5	2	1000	6 1/2	1 3/8	120TM05201
	6	2	1200	7 1/2	1 9/16	120TM06201
	8	2	1200	9 1/2	2 1/4	120TM08201S-01

*Delrin (51) Bearings available. To order change "01" to other bearing code. Delrin example: 120TM06251.

Straight Sided Phenolic (01 Stainless Steel Roller Bearing)

TH	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	120TH04201
	5	2	1000	6 1/2	1 3/8	120TH05201
	6	2	1200	7 1/2	1 9/16	120TH06201

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



Solid Elastomer (01 Stainless Steel Roller Bearing)*

SE	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	4	2	1000	5 5/8	1 3/16	120SE04201
	5	2	1200	6 1/2	1 3/8	120SE05201
	6	2	1200	7 1/2	1 9/16	120SE06201
	8	2	1200	9 1/2	2 1/4	120SE08201S-01

*Delrin (51) Bearings available. To order change "01" to other bearing code. Delrin example: 120SE06251.

Maxim® (01 Stainless Steel Roller Bearing)*

NG	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	120NG04201
	5	2	1000	6 1/2	1 3/8	120NG05201
	6	2	1200	7 1/2	1 9/16	120NG06201
	8	2	1200	9 1/2	2 1/4	120NG08201S-01

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

*Bronze (22), Stainless Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. To order change "01" to other bearing code. Stainless Pedestal Precision example: 120NG04251.

White Nylon (01 Stainless Steel Roller Bearing)*

NW	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	5	2	600	6 1/2	1 3/8	120NW05201
	6	2	900	7 1/2	1 9/16	120NW06201
	8	2	1100	9 1/2	2 1/4	120NW08201S-01

*Delrin (51) Bearings or plain bore (00) models available. To order change "01" to other bearing code. Delrin example: 120NW05251.

Glass Filled Polypropylene (01 Stainless Steel Roller Bearing)

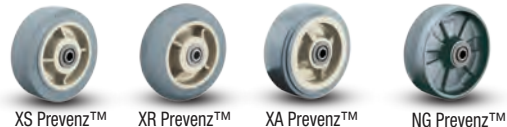
RT	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	4	2	800	5 5/8	1 3/16	120RT04201
	5	2	1000	6 1/2	1 3/8	120RT05201
	6	2	1200	7 1/2	1 9/16	120RT06201
	8	2	1200	9 1/2	2 1/4	120RT08201S-01

High Temp Glass Filled Nylon (01 Stainless Steel Roller Bearing)

HT	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	120HT04201
	5	2	1000	6 1/2	1 3/8	120HT05201
	6	2	1200	7 1/2	1 9/16	120HT06201
	8	2	1200	9 1/2	2 1/4	120HT08201S-01

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. To order add "PREV" to end of caster number.



THE POWER OF STAINLESS & PREVENZ™

THE SAFE SOLUTION.

How Does Prevenz™ Work?

The antimicrobial compound 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. The active ingredients neutralize the ability of microbes to function, grow and reproduce.

How long does the protection last?

Prevenz™ is engineered to be effective against microbes for the life of the wheel. The agent remains stored in the polymer and is gradually released to the surface of the wheel.

Will scratches, tread wear or wax buildup diminish the effectiveness?

No. Prevenz™ protection is not a coating on the surface of the wheel. It is an integral part of the wheel material. Abrasion, chips or scratches will not impact the effectiveness of Prevenz™ in any way. Not even wax buildup on the wheel can impair the bacteria fighting performance.

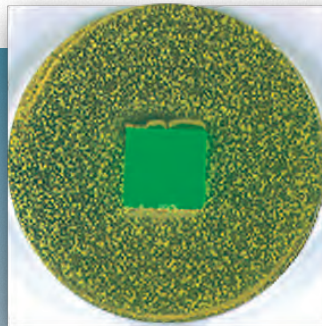
Does Prevenz™ eliminate the need for cleaning?

No. Although Prevenz™ provides an added level of protection, these wheels do not eliminate the need for normal cleaning practices. They are designed to work in conjunction with and enhance your ongoing program. Good hygiene practices should always be observed.

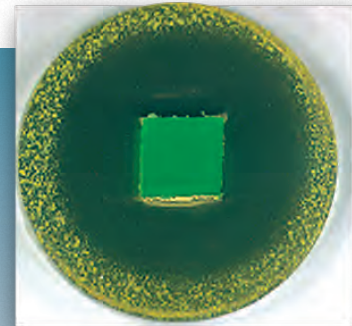
Is Prevenz™ safe?

Yes. The active ingredients in Prevenz™ have undergone extensive laboratory testing and have been proven safe. The active ingredient has a history of hospital use for more than 30 years and is used in a broad range of popular personal care products, such as antimicrobial soap, toothpaste and deodorant. It is registered with the US Environmental Protection Agency (EPA), and products with this material have been approved by the US Food & Drug Administration (FDA), the European Union (EU), the National Sanitation Foundation (NSF) and other regulatory authorities around the world.

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 model number.



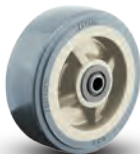
Without Prevenz™



With Prevenz™



XA Prevenz™



XA Prevenz™
Heavy Duty



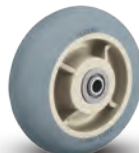
XS Prevenz™



XS Prevenz™
Heavy Duty



XR Prevenz™



XR Prevenz™
Heavy Duty



NG Prevenz™



Medical



Clean Industrial



Food Packaging and Processing



Beverage Industry



Pharmaceutical



Bakery Factory

COMBINE OUR STAINLESS OFFERING WITH PREVENZ™ WHEELS

TO HAVE THE BEST PROTECTION
AGAINST CORROSION AND
DESTRUCTIVE MICROBES.

**05 SERIES WITH
XA PREVENZ WHEEL**

View our complete lineup of stainless
and Prevenz options Pages 77 – 86.

ALBION®
the caster experts



330

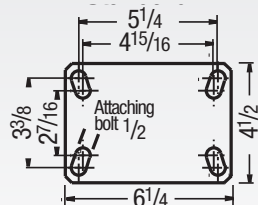
Contender™ Kingpinless Premium Stainless Steel

CAPACITY TO 3000



For your heaviest duty applications, the 330 Series features a thick precision machined premium grade 316 stainless swivel section and 304 stainless steel rig—both highly polished. Ideal for applications exposed to cleaning agents, washdowns, caustic solutions, steam, marine environments, or any other corrosive agents which could cause rust.

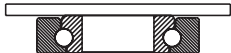
MOUNTING OPTIONS Standard Plate



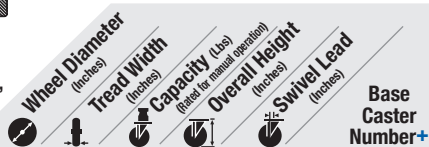
TYPICAL APPLICATIONS

- Food Processing
- Bakery Dough Troughs
- Stainless Carts
- Pharmaceuticals
- Laboratory
- Hospital Waste Management
- Marine
- Dollies

SWIVEL CROSS SECTION



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



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

XR 10 | 2 1/2 | 850 | 11 1/2 | 2 1/4 | 330XR10401



*Stainless Precision Ball (28) bearings available. To order change "01" to "28". Stainless Precision example: 330XR10428.

X-treme Plus Solid Poly. (28 Stainless Steel Ball Precision Bearing)*

XP 8 | 2 1/2 | 2000 | 10 1/8 | 2 1/16 | 330XP08428
 8 | 3 | 2000 | 10 1/8 | 2 1/16 | 330XP08528
 10 | 2 1/2 | 2500 | 11 1/2 | 2 1/4 | 330XP10428
 10 | 3 | 2500 | 11 1/2 | 2 1/4 | 330XP10528



*Stainless Roller (01) bearings available. To order change "28" to other bearing code. Stainless Roller example: 330XP08401.



Stainless Steel



Premium Quality



Ergonomic



Environmentally Friendly



Towing^

FEATURES

- **Top Plate:** 5/16" 304 stainless steel welded inside and out to 316 stainless steel raceway for longer life
- **Swivel Section:** One row of 1/2" ball bearings mounted in a precision machined raceway. Zerk in swivel section
- **Yoke Base:** Notched 316 stainless steel
- **Legs:** 304 stainless steel welded inside and out
- **Axle:** 3/4" diameter
- **NSF:** Consult Factory
- Alternate or custom caster configurations available

BRAKE OPTIONS

Consult factory for stainless steel brakes.

BEARING OPTIONS



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



Polyurethane on Aluminum (01 Stainless Steel Roller Bearing)*

PD	8	2 1/2	2010	10 1/8	2 1/16	330PD08401
	8	3	2520	10 1/8	2 1/16	330PD08501
	10	2 1/2	2370	11 1/2	2 1/4	330PD10401
	10	3	3000	11 1/2	2 1/4	330PD10501



*Stainless Precision Ball (28) bearings available. To order change "01" to other bearing code. Stainless Precision example: 330PD10428.

Phenolic (01 Stainless Steel Roller Bearing)*

TM	6	2 1/2	1600	7 1/2	1 3/8	330TM06401
	6	3	2000	7 1/2 <td>1 3/8 <td>330TM06501</td> </td>	1 3/8 <td>330TM06501</td>	330TM06501
	8	2 1/2 <td>2000</td> <td>10 1/8</td> <td>2 1/16 <td>330TM08401</td> </td>	2000	10 1/8	2 1/16 <td>330TM08401</td>	330TM08401
	8	3	2500	10 1/8	2 1/16 <td>330TM08501</td>	330TM08501
	10	2 1/2 <td>2500</td> <td>11 1/2</td> <td>2 1/4</td> <td>330TM10401</td>	2500	11 1/2	2 1/4	330TM10401
	10	3	2900	11 1/2	2 1/4	330TM10501
	12	2 1/2 <td>3000</td> <td>13 1/2</td> <td>2 1/16 <td>330TM12401</td> </td>	3000	13 1/2	2 1/16 <td>330TM12401</td>	330TM12401
	12	3	3000	13 1/2	2 1/16 <td>330TM12501</td>	330TM12501



*Stainless Precision Ball (28) bearings available. To order change "01" to "28". Stainless Precision example: 330TM06428.

Heat Resistant Phenolic (01 Stainless Steel Roller Bearing)*

TR	6	3	2000	7 1/2	1 3/8	330TR06501
	8 <td>3</td> <td>2500</td> <td>10 1/8</td> <td>2 1/16 <td>330TR08501</td> </td>	3	2500	10 1/8	2 1/16 <td>330TR08501</td>	330TR08501
	10 <td>3</td> <td>2900</td> <td>11 1/2</td> <td>2 1/4</td> <td>330TR10501</td>	3	2900	11 1/2	2 1/4	330TR10501
	12 <td>3</td> <td>3000</td> <td>13 1/2</td> <td>2 1/16 <td>330TR12501</td> </td>	3	3000	13 1/2	2 1/16 <td>330TR12501</td>	330TR12501



*Stainless Precision Ball (28) bearings available. To order change "01" to other bearing code. Stainless Precision example: 330TR06528.

Trionix™ High Impact Polymer (28 Stainless Steel Precision Ball Bearing)

NX	6	2 1/2	3000	7 1/2	1 3/8	330NX06428
	6 <td>3</td> <td>3000</td> <td>7 1/2 <td>1 3/8 <td>330NX06528</td> </td></td>	3	3000	7 1/2 <td>1 3/8 <td>330NX06528</td> </td>	1 3/8 <td>330NX06528</td>	330NX06528
	8	2 1/2 <td>3000</td> <td>10 1/8</td> <td>2 1/16 <td>330NX08428</td> </td>	3000	10 1/8	2 1/16 <td>330NX08428</td>	330NX08428
	8 <td>3</td> <td>3000</td> <td>10 1/8</td> <td>2 1/16 <td>330NX08528</td> </td>	3	3000	10 1/8	2 1/16 <td>330NX08528</td>	330NX08528
	10	2 1/2 <td>3000</td> <td>11 1/2</td> <td>2 1/4</td> <td>330NX10428</td>	3000	11 1/2	2 1/4	330NX10428
	10	3	3000	11 1/2	2 1/4	330NX10528



E5

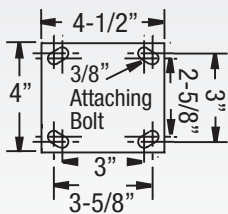
Medium Heavy Duty Stainless Steel Casters

CAPACITY TO 900

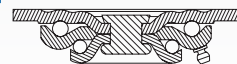


Constructed from 3/16" thick 304 stainless steel, the E5 Series is a more economical option for 2" wide wheel applications not needing the durability of the 05 Series or 120 Series. Ideal for applications exposed to cleaning agents, washdowns, caustic solutions, steam, marine environments, or other corrosive agents which could cause rust.

MOUNTING OPTIONS



SWIVEL CROSS SECTION



TYPICAL APPLICATIONS

- Food Processing
- Bakery Dough Troughs
- Stainless Carts
- Pharmaceuticals
- Laboratory
- Hospital Waste Management
- Marine
- Dollies



Stainless Steel



Economical



Environmentally Friendly

FEATURES

- **Top Plate & Yoke:** Formed from 3/16" Type 304 stainless steel plate
- **Finish:** Stainless steel
- **Swivel Section:** Double stainless steel ball bearing raceways formed smooth for ease of swiveling
- **King Pin:** Stainless steel rivet
- **Axle:** 1/2" diameter, stainless steel hollow with roller bearing. Solid axle with Delrin and precision ball bearings
- **Legs:** 3/16" stainless steel formed for added strength welded to the yoke base
- **Spanner Bushing:** Type 304 Stainless Steel
- **Zerk Fitting:** Type 304 Stainless Steel
- **NSF:** Consult factory
- Alternate or custom caster configurations available

RIG OPTIONS

- Neoprene sealed swivel section specify **NS05**
- Notched seal kit. Specify **SD016001**

BRAKE OPTIONS

To order, add brake code below to end of model. Example: E5XS06201**SCB**

Stainless Steel Cam specify **CB**
Specify 1 Piece Delrin Bearing (52)



Face
Specify **FBF**



Face
Specify **FBG**

BEARING OPTIONS



Hand operated field installable swivel lock order **SL1200000** separately

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

	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-tra Soft (Flat Tread) (01 Stainless Steel Roller Bearing)*							
XS 	4	2	350	5 ⁵ / ₈	1 ⁵ / ₈	5 ¹ / ₄	E5XS04201
	5	2	375	6 ¹ / ₂	1 ³ / ₄	5 ¹ / ₄	E5XS05201
	6	2	600	7 ¹ / ₂	2 ¹ / ₁₆	5 ³ / ₄	E5XS06201
	8	2	675	9 ¹ / ₂	2 ⁹ / ₁₆	6	E5XS08201
Prevenz™ antimicrobial models available. Add PREV to end of caster number. *Delrin (51) Bearings available. To order change "01" to other bearing code. Delrin example: E5XS04251.							

	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-tra Soft (Round Tread) (01 Stainless Steel Roller Bearing)*							
XR 	6	2	450	7 ¹ / ₂	2 ¹ / ₁₆	5 ³ / ₄	E5XR06201
	8	2	600	9 ¹ / ₂	2 ⁹ / ₁₆	6	E5XR08201
Prevenz™ antimicrobial models available. Add PREV to end of caster number. *Delrin (51) Bearings available. To order change "01" to other bearing code. Delrin example: E5XR06251.							

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number ⁺
Polypropylene (01 Stainless Steel Roller Bearing)*							
PB 	4	2	450	5 ⁵ / ₈	1 ⁵ / ₈	3 ³ / ₄	E5PB04201
	5	2	550	6 ¹ / ₂	1 ³ / ₄	4 ¹ / ₂	E5PB05201
	6	2	650	7 ¹ / ₂	2 ¹ / ₁₆	4 ³ / ₄	E5PB06201
	8	2	850	9 ¹ / ₂	2 ⁹ / ₁₆	6 ¹ / ₄	E5PB08201
*Delrin (51) Bearings available. To order change "01" to other bearing code. Delrin example: E5PB06251.							

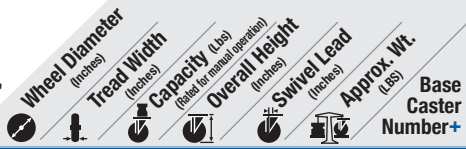
	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number ⁺
Retort High Temp Polypropylene (41 Plain Bore)							
RW 	4	2	500	5 ⁵ / ₈	1 ⁵ / ₈	3 ³ / ₄	E5RW04241
	5	2	650	6 ¹ / ₂	1 ³ / ₄	5 ¹ / ₄	E5RW05241
	6	2	700	7 ¹ / ₂	2 ¹ / ₁₆	5 ¹ / ₂	E5RW06241
	8	2	900	9 ¹ / ₂	2 ⁹ / ₁₆	6 ¹ / ₄	E5RW08241

Continue on next page >>

E5 SERIES • CAPACITY TO 900

STAINLESS STEEL

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



Polyurethane on Polypropylene (01 Stainless Steel Roller Bearing)*

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number+
XA	4	2	600	5 ⁵ / ₈	1 ⁵ / ₈	5	E5XA04201
	5	2	750	6 ¹ / ₂	1 ³ / ₄	5 ¹ / ₄	E5XA05201
	6	2	900	7 ¹ / ₂	2 ¹ / ₁₆	5 ³ / ₄	E5XA06201
	8	2	900	9 ¹ / ₂	2 ⁹ / ₁₆	7	E5XA08201

Prevenz™ antimicrobial models available. Add PREV to end of caster number.
*Delrin (51) Bearings available. To order change "01" to other bearing code. Delrin example: E5XA04251.

X-Treme™ Plus Solid Polyurethane (01 Stainless Steel Roller Bearing)*

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number+
XP	4	2	900	5 ⁵ / ₈	1 ⁵ / ₈	4 ¹ / ₄	E5XP04201
	5	2	900	6 ¹ / ₂	1 ³ / ₄	5	E5XP05201
	6	2	900	7 ¹ / ₂	2 ¹ / ₁₆	5 ¹ / ₂	E5XP06201
	8	2	900	9 ¹ / ₂	2 ⁹ / ₁₆	6 ¹ / ₂	E5XP08201

*Bronze (22), Stainless Pedestal Precision (29), and Delrin (51) bearings available. To order change "01" to other bearing code. Stainless Pedestal Precision example: E5XP04229.

Solid Elastomer (01 Stainless Steel Roller Bearing)*

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number+
SE	4	2	900	5 ⁵ / ₈	1 ⁵ / ₈	4 ¹ / ₄	E5SE04201
	5	2	900	6 ¹ / ₂	1 ³ / ₄	5	E5SE05201
	6	2	900	7 ¹ / ₂	2 ¹ / ₁₆	5 ¹ / ₂	E5SE06201
	8	2	900	9 ¹ / ₂	2 ⁹ / ₁₆	6 ¹ / ₂	E5SE08201

Delrin (51) bearings available. To order change "01" to other bearing code. Delrin example: E5SE04251.

Phenolic (01 Stainless Steel Roller Bearing)*

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number+
TM	4	2	800	5 ⁵ / ₈	1 ⁵ / ₈	5	E5TM04201
	5	2	900	6 ¹ / ₂	1 ³ / ₄	5 ¹ / ₄	E5TM05201
	6	2	900	7 ¹ / ₂	2 ¹ / ₁₆	6 ¹ / ₄	E5TM06201
	8	2	900	9 ¹ / ₂	2 ⁹ / ₁₆	8	E5TM08201

*Delrin (51) Bearings available. To order change "01" to other bearing code. Delrin example: E5TM06251.

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



Maxim® (01 Stainless Steel Roller Bearing)*

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number+
NG	4	2	800	5 ⁵ / ₈	1 ⁵ / ₈	5	E5NG04201
	5	2	900	6 ¹ / ₂	1 ³ / ₄	5 ¹ / ₄	E5NG05201
	6	2	900	7 ¹ / ₂	2 ¹ / ₁₆	5 ³ / ₄	E5NG06201
	8	2	900	9 ¹ / ₂	2 ⁹ / ₁₆	7	E5NG08201

Prevenz™ antimicrobial models available. Add PREV to end of caster number.
*Bronze (22), Stainless Pedestal Precision (29), and Delrin (51) bearings available. To order change "01" to other bearing code. Stainless Pedestal Precision example: E5NG04229.

White Nylon (01 Stainless Steel Roller Bearing)*

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number+
NW	5	2	600	6 ¹ / ₂	1 ³ / ₄	5 ¹ / ₄	E5NW05201
	6	2	900	7 ¹ / ₂	2 ¹ / ₁₆	5 ³ / ₄	E5NW06201
	8	2	900	9 ¹ / ₂	2 ⁹ / ₁₆	6 ¹ / ₂	E5NW08201

*Delrin (51) Bearings available. To order change "01" to other bearing code. Delrin example: E5NW06251.

Glass Filled Polypropylene (01 Stainless Steel Roller Bearing)

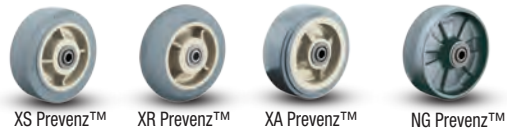
Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number+
RT	4	2	800	5 ⁵ / ₈	1 ⁵ / ₈		E5RT04201
	5	2	900	6 ¹ / ₂	1 ³ / ₄		E5RT05201
	6	2	900	7 ¹ / ₂	2 ¹ / ₁₆		E5RT06201
	8	2	900	9 ¹ / ₂	2 ⁹ / ₁₆		E5RT08201

High Temp Glass Filled Nylon (01 Stainless Steel Roller Bearing)

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Base Caster Number+
HT	4	2	800	5 ⁵ / ₈	1 ⁵ / ₈		E5HT04201
	5	2	900	6 ¹ / ₂	1 ³ / ₄		E5HT05201
	6	2	900	7 ¹ / ₂	2 ¹ / ₁₆		E5HT06201
	8	2	900	9 ¹ / ₂	2 ⁹ / ₁₆		E5HT08201

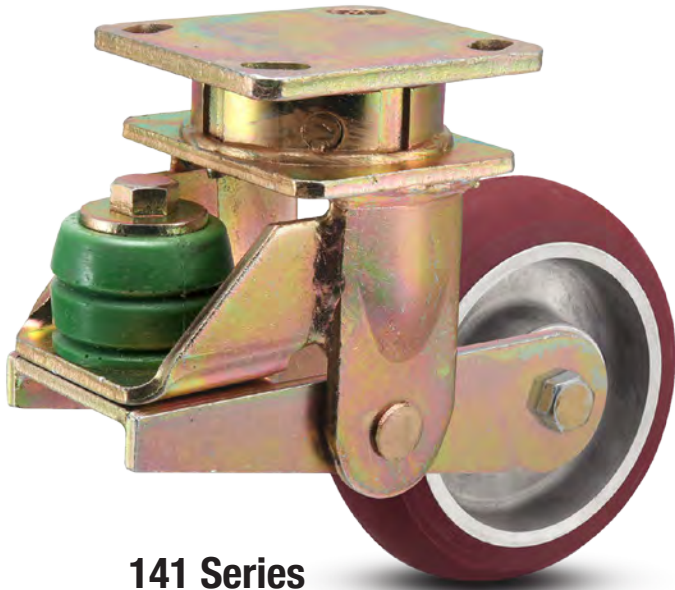
Prevenz™ Antimicrobial Wheels

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. To order add "PREV" to end of caster number.



SPRING LOADED CASTERS

CAPACITY RANGE 500-3000 LBS



141 Series

Unique polyurethane spring design is durable and corrosion resistant.

Common Applications:

- Manufacturing Plant Carts
- Aerospace / Automotive
- Specialty Toolboxes
- Ground Support Equipment
- Technology Carts
- Portable Cranes & Hoists
- Mobile Workstations
- Monitoring Carts
- Laboratory Equipment

Kingpin Casters



40 Series Medium Duty
Capacity to 500 88-89



41 Series Medium Duty
Capacity to 800 90



42 Series Heavy Duty
Capacity to 800 91



44 Series Xtra Heavy Duty
Capacity to 1500 92

Kingpinless Casters



141 Series
Capacity to 1500 93



S310 Series
Capacity to 3000 94-95



S410 Series
Capacity to 3000 96-97

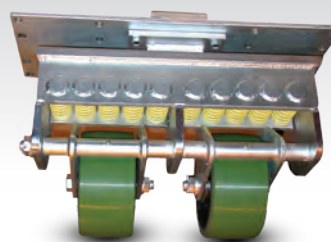


S610 Series
Capacity to 3000 98-99

Benefits of Spring Loaded Casters:

- Better floor and equipment protection
- Reduce operating noise
- Reduce unwanted vibration
- Increase product life expectancy

Need Even More Capacity Or A Custom Configuration?



Excellent for Weight Carts
10,000 lbs load capacity!

You won't find this "bad boy" at just any caster source. Albion engineers and craftsmen can custom design and build a solution for even the most challenging applications.



Premium Quality



Environmentally Friendly

40

Medium Duty Spring-Loaded Kingpin Casters

CAPACITY TO 500

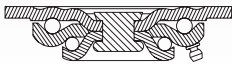


Designed with the load in mind, 40 series protects from damaging shocks or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.

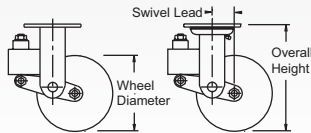
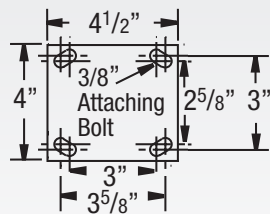
TYPICAL APPLICATIONS

- Shock sensitive carts
- Aircraft jacks
- Monitoring equipment
- Material handling equipment

SWIVEL CROSS SECTION



MOUNTING OPTION



FEATURES

- **Load Springs:** Maximum rated capacity loads will deflect wheel approximately 3/8" (50%). Different load springs for each series permits wide variation in ride "softness." They can be preloaded to obtain various degrees of deflection
- **Top Plate & Yoke Base:** Made from 1/4" steel plate and unnotched
- **Swivel Section:** Cold formed, hardened double ball bearing raceways minimize ball indentation and wear
- **Legs:** 1/4" steel cold formed to increase strength and welded to the yoke base
- **King Bolt:** 5/8" diameter orbitally spun steel rivet
- **Axle:** 1/2" diameter hollow axle complete with lock nut. Axle is solid for 28 & 29 ball bearings
- **Wheel Seals:** Nylon seal retaining/thrust washers
- Alternate or custom caster configurations available

RIG OPTIONS

- Neoprene sealed swivel section specify **SS02**
- Hollow axle specify **ZF07**
- Available with **kingpinless** section, consult factory

BRAKE OPTIONS

Single Side and Double Sided Brakes available, consult factory

Swivel Lock available (welded), consult factory

BEARING OPTIONS



Note: Wheel capacities can change with each bearing type. 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) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
NP	5	2	500	8	13/4	10 1/2	40NP05228
	6	2	500	8 1/2	13/4	11	40NP06228
	8	2	500	10 1/2	13/4	13 1/4	40NP08228

	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	5	2	450	8	13/4	10 1/2	40MR05201
	6	2	500	8 1/2	13/4	11	40MR06201
	8	2	500	10 1/2	13/4	13 1/4	40MR08201

*Industrial Ball (27) bearings available.
To order change "01" to other bearing code.
Industrial Ball example: 40MR05227.

	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	500	8	13/4	10 1/2	40MH05201
	6	2	500	8 1/2	13/4	11	40MH06201
	8	2	500	10 1/2	13/4	13 1/4	40MH08201

*Industrial Ball (27) bearings available.
To order change "01" to other bearing code.
Industrial Ball example: 40MH05227.

+ 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+
MD	5	2	500	8	13/4	8	40MD05201
	6	2	500	8 1/2	13/4	9	40MD06201
	8	2	500	10 1/2	13/4	10 1/2	40MD08201

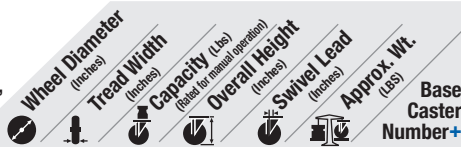
*Industrial Ball (27) bearings available.
To order change "01" to other bearing code.
Industrial Ball example: 40MD05227.

	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	5	2	500	8	13/4	8	40XS05201
	6	2	500	8 1/2	13/4	8 1/2	40XS06201
	8	2	500	10 1/2	13/4	9 1/2	40XS08201

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*Industrial Ball (27) bearings available.
To order change "01" to other bearing code.
Industrial Ball example: 40XS05227.

Continue on next page >>

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



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

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Base Caster Number+
XR	6	2	450	8 1/2	1 3/4	8 1/2	40XR06201
	8	2	500	10 1/2	1 3/4	9 1/2	40XR08201

Prevenz™ antimicrobial models available. Add PREV to end of caster number.
 *Industrial Ball (27) bearings available. To order change "01" to other bearing code. Industrial Ball example: 40XR06227.

Monoprene Semi-Pneumatic Black (27 Industrial Ball Bearing)

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Base Caster Number+
SZ	6	2	250	8 1/2	1 3/4	8 1/2	40SZ06227
	8	2	280	10 1/2	1 3/4	9 1/2	40SZ08227

Monoprene Semi-Pneumatic Grey (28 Precision Ball Bearing)

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Base Caster Number+
SV	6	2	250	8 1/2	1 3/4	8 1/2	40SV06228
	8	2	280	10 1/2	1 3/4	9 1/2	40SV08228

Polyurethane on Aluminum Flat Tread (01 Roller Bearing)*

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Base Caster Number+
PD	5	2	500	8	1 3/4	9	40PD05201
	6	2	500	8 1/2	1 3/4	8 3/4	40PD06201
	8	2	500	10 1/2	1 3/4	10	40PD08201

*Industrial Ball (27) bearings available. To order change "01" to other bearing code. Industrial Ball example: 40PD05227.

Polyurethane on Cast Iron (01 Roller Bearing)*

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Base Caster Number+
PY	5	2	500	8	1 3/4	12 1/4	40PY05201
	6	2	500	8 1/2	1 3/4	12 3/4	40PY06201
	8	2	500	10 1/2	1 3/4	15 1/4	40PY08201

*Industrial Ball (27) bearings available. To order change "01" to other bearing code. Industrial Ball example: 40PY05227.

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Base Caster Number+
AX	5	2	500	8	1 3/4	11	40AX05228
	6	2	500	8 1/2	1 3/4	12 1/2	40AX06228
	8	2	500	10 1/2	1 3/4	13	40AX08228

85 Shore A

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Base Caster Number+
PM	5	2	500	8	1 3/4	11	40PM05228
	6	2	500	8 1/2	1 3/4	12 1/2	40PM06228
	8	2	500	10 1/2	1 3/4	13	40PM08228

95 Shore A

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

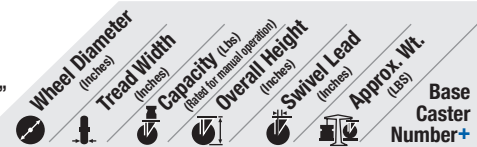
Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Base Caster Number+
PM 80A	5	2	500	8	1 3/4	11	40PM0522880A
	6	2	500	8 1/2	1 3/4	12 1/2	40PM0622880A
	8	2	500	10 1/2	1 3/4	13	40PM0822880A

80 Shore A To Specify Rigid or Swivel, insert "R" or "S" before "80A." Example: 40PM08228R80A.

Solid Elastomer (28 Precision Bearing)

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Base Caster Number+
SE	5	2	500	8	1 3/4	7 1/4	40SE05228
	6	2	500	8 1/2	1 3/4	7 3/4	40SE06228
	8	2	500	10 1/2	1 3/4	9 1/4	40SE08228

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



X-Treme™ Plus Solid Polyurethane (01 Roller Bearing)*

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Base Caster Number+
XP	5	2	500	8	1 3/4	7 1/4	40XP05201
	6	2	500	8 1/2	1 3/4	7 3/4	40XP06201
	8	2	500	10 1/2	1 3/4	9 1/4	40XP08201

*Industrial Ball (27) bearings available. To order change "01" to other bearing code. Industrial Ball example: 40XP05227.

Maxim® (01 Roller Bearing)*

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Base Caster Number+
NG	5	2	500	8	1 3/4	9	40NG05201
	6	2	500	8 1/2	1 3/4	9 1/2	40NG06201
	8	2	500	10 1/2	1 3/4	11 1/4	40NG08201

Prevenz™ antimicrobial models available. Add PREV to end of caster number.
 *Industrial Ball (27) bearings available. To order change "01" to other bearing code. Industrial Ball example: 40NG05227.

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Base Caster Number+
NX	5	2	500	8	1 3/4	12 1/4	40NX05228
	6	2	500	8 1/2	1 3/4	12 3/4	40NX06228
	8	2	500	10 1/2	1 3/4	15 1/4	40NX08228

White Nylon (01 Roller Bearing)

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Base Caster Number+
NW	5	2	500	8	1 3/4		40NW05201
	6	2	500	8 1/2	1 3/4		40NW06201
	8	2	500	10 1/2	1 3/4		40NW08201

Glass Filled Polypropylene (01 Roller Bearing)

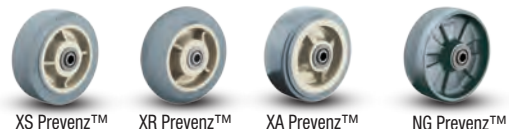
Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Base Caster Number+
RT	5	2	500	8	1 3/4		40RT05201
	6	2	500	8 1/2	1 3/4		40RT06201
	8	2	500	10 1/2	1 3/4		40RT08201

Heavy Duty Glass Filled Nylon (01 Roller Bearing)

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (lbs)	Base Caster Number+
DT	5	2	500	8	1 3/4		40DT05201
	6	2	500	8 1/2	1 3/4		40DT06201
	8	2	500	10 1/2	1 3/4		40DT08201

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. To order add "PREV" to end of caster number.



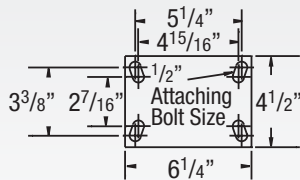
41

SpringGuard™ Spring-Loaded Kingpin Casters CAPACITY TO 800



Spring into safety with this clever spring loaded caster featuring SpringGuard™, which is well suited for the automotive and aviation industries. The spring is not exposed; instead it is protected by a urethane guard for additional safety.

MOUNTING OPTION



TYPICAL APPLICATIONS

- Diagnostic and electrical
- Institutional and laboratory
- Medical equipment and carts
- Food processing
- Mobile workstations and storage racks
- Automotive seat racks
- Ground support equipment
- Packaging equipment
- Specialty toolboxes
- Tilt carts



Premium Quality



Environmentally Friendly



Towing^

FEATURES

- **Load Springs:** Springs are encapsulated and protected by a urethane SpringGuard™ for added safety, plus noise and vibration reduction
- **Swivel Section:** Fully heat treated double ball raceway construction, extends the life of the caster
- **Swivel Lead:** Longer swivel lead allows the caster to index quicker into in-line position for easier movement.
- **Top Plate & Yoke Base:** Top plate and legs are made from 1/4" thick cold formed steel

RIG OPTIONS

- Hollow axle specify **ZF07**

BRAKE OPTIONS

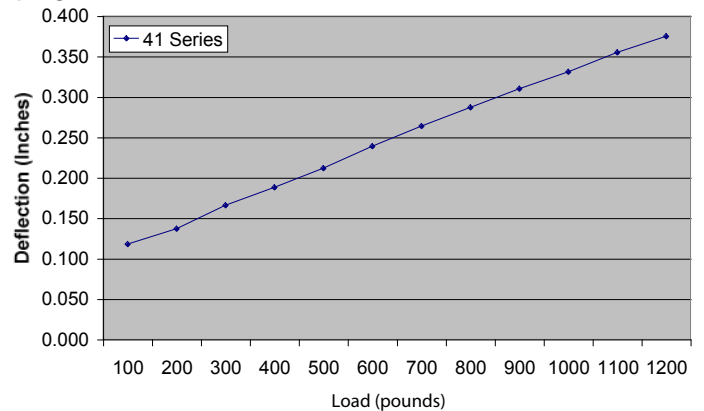
Consult Factory

BEARING OPTION



Precision Ball (28)

Spring Deflection Curve



Linear deflection curve demonstrates consistent smooth spring action with loads from 100 lbs. to 1200 lbs.

+ 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 normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number+
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41 Aubin Industries Swivel-EAZ® Crown Tread (Blue Tread with (28) Precision Bearing)

EY	6	2	800	77/8	2	41EY06228S
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41 Aubin Industries Swivel-EAZ® Flat Tread (Blue Tread with (28) Precision Bearing)

EZ	6	2	800	77/8	2	41EZ06228S
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41 Series Polyurethane on Aluminum 90A Durometer (Green Tread with (28) Precision Bearing)

PM	6	2	800	77/8	2	41PM06228S
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+ 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 normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number+
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41 Series Polyurethane on Aluminum 80A Durometer (Butterscotch Tread with (28) Precision Bearing)

PM 80A	6	2	800	77/8	2	41PM06228S80A
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41 Series X-tra Soft Rubber (Flat Tread with (28) Precision Bearing)

XS	6	2	600	77/8	2	41XS06228S
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41 Series (Solid Elastomer (28) Precision Bearing)

SE	6	2	800	77/8	2	41SE06228S
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Premium Quality



Environmentally Friendly

42

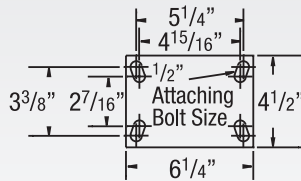
Heavy Duty Spring-Loaded Kingpin Casters

CAPACITY TO 800

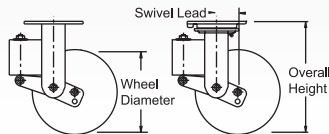
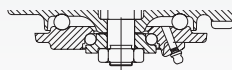


Designed with greater load capacity than our 40 series, this series protects from damaging shocks or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.

MOUNTING OPTION



SWIVEL CROSS SECTION



TYPICAL APPLICATIONS

- Shock sensitive carts
- Aircraft jacks
- Monitoring equipment
- Material handling equipment
- Computer equipment

+ 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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Moldon Rubber on Cast Iron (07 Roller Bearing)

MR	8	2 1/2	800	11 1/2	2 1/4	22 1/2	42MR08407
	10	2 1/2	800	13 1/2	2 1/4	26 1/2	42MR10407

Pneumatic (28 Precision Ball Bearing)

SF	8	2.80/4	295	11 1/2	2 1/4	19 3/4	42SF08528
	10 <th>4.10/4</th> <th>350</th> <th>13 1/2</th> <th>2 1/4</th> <th>21</th> <th>42SF10628</th>	4.10/4	350	13 1/2	2 1/4	21	42SF10628

Polyurethane on Cast Iron (07 Roller Bearing)*

PY 80A	8	2 1/2	800	11 1/2	2 1/4	23	42PY0840780A
	10 <th>2 1/2</th> <th>800</th> <th>13 1/2</th> <th>2 1/4</th> <th>19 1/2</th> <th>42PY1040780A</th>	2 1/2	800	13 1/2	2 1/4	19 1/2	42PY1040780A

To Specify Rigid or Swivel, insert "R" or "S" before "80A."
Ex: 42PY08407R80A.

FEATURES

- **Load Springs:** Maximum rated capacity loads will deflect wheel approximately 5/8" (50%). Different load springs for each series permits wide variation in ride "softness." They can be preloaded to obtain various degrees of deflection Top
- **Top Plate & Yoke Base:** AISI 1045 drop forged steel for extended service life
- **Swivel Section:** Double ball bearing with coined "deep-groove" load and machined thrust raceways provide optimal performance under extreme loads
- **Legs:** 1/4" steel, formed to increase strength
- **King Bolt:** 3/4" diameter heat treated bolt and nut for enhanced shock load capacity
- **Axle:** 1/2" diameter hollow axle with lock nut for easy lubrication of wheels with straight roller bearing. Solid axle for 28 ball bearing
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle
- Alternate or custom caster configurations available

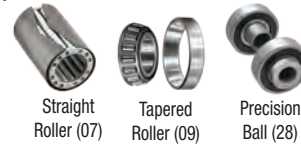
RIG OPTIONS

- Neoprene sealed swivel section specify **SS05**
- Available with **kingpinless** section, consult factory

BRAKE OPTIONS

- **Single Side and Double Sided** Brakes available, consult factory
- **Swivel Lock** available (welded), consult factory

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) (Based on normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number+
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Polyurethane on Cast Iron (07 Roller Bearing)

PY	8	2 1/2	800	11 1/2	2 1/4	23	42PY08407
	10	2 1/2	800	13 1/2	2 1/4	19 1/2	42PY10407

Vulkollan on Iron (07 Roller Bearing)

VY	8	2 1/2	800	11 1/2	2 1/4	23	42VY08407
	10	2 1/2	800	13 1/2	2 1/4	21 1/4	42VY10407

Phenolic (07 Roller Bearing)*

TM	8	2 1/2	800	11 1/2	2 1/4	23	42TM08407
	10	2 1/2	800	13 1/2	2 1/4	21 1/4	42TM10407

*Tapered Roller (09) bearing available. To order change "07" to other bearing code. Example: 42TM08409.

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

NX	8	2 1/2	800	11 1/2	2 1/4		42NX08428
	10	2 1/2	800	13 1/2	2 1/4		42NX10428

42 SERIES • CAPACITY TO 800

SPRING LOADED



Premium Quality



Environmentally Friendly

44

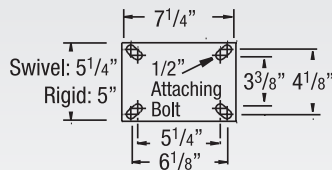
Xtra Heavy Duty Spring-Loaded Kingpin Casters

CAPACITY TO 1500

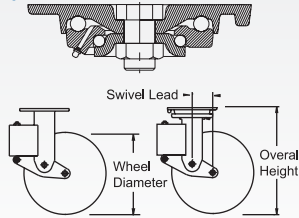


Designed with greater load capacity than our 40, 41, and 42 series, this series protects from damaging shocks or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.

MOUNTING OPTION



SWIVEL CROSS SECTION



TYPICAL APPLICATIONS

- Aircraft tripod jacks
- Portable medical equipment
- Computer equipment
- Shock sensitive loads

FEATURES

- **Load Springs:** Maximum rated capacity loads will deflect wheel approximately 3/4". Different load springs permit wide variation in ride "softness." They can be preloaded to obtain various degrees of deflection
- **Swivel Top Plate:** AISI 1045 drop forged steel for strength & reliability
- **Yoke Base:** AISI 1045 drop forged steel with machined raceway affords extreme wear and greater capacity
- **Swivel Section:** Swivel load bearing is 4" diameter deep grooved load raceway with 1/2" steel balls and the thrust race is 2-5/8" diameter using 3/8" diameter steel balls for maximum performance under extreme loads
- **Legs:** 3/8" steel plate, welded inside and out to the yoke base to handle side impacts
- **King Bolt:** 1" diameter bolt and nut heat-treated for maximum performance
- **Axle:** 3/4" diameter solid axle with lock nut

RIG OPTIONS

- **Neoprene sealed** swivel section specify **SS07**
- **Lubrication:** Zerk fitting in swivel section and in wheel hub for extended bearing life
- Available with **kingpinless** section, consult factory.
- Alternate or custom caster configurations available

BRAKE OPTIONS

Single Side and Double Sided Brakes available, consult factory

Swivel Lock available (welded), consult factory

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) (Rate for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
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Vulkollan on Cast Iron (01 Roller Bearing)*

Model	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
VY	10	3	1500	13 1/2	3	48 1/2	44VY10501
	12	3	1500	15 1/2	3	56 1/4	44VY12501

*Tapered Roller (09) bearing available.
To order change "01" to other bearing code. Example: 44VY10509.

X-Treme™ Plus Solid Polyurethane (01 Roller Bearing)*

Model	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
XP	10	3	1500	13 1/2	3	35	44XP10501

*Tapered Roller (09) and Precision Ball (28) bearings available.
To order change "01" to other bearing code. Example: 44XP10509.

Trionix™ High Impact Polymer (28 Precision Ball Bearing)*

Model	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
NX	10	3	1500	13 1/2	3	35	44NX10528

*Tapered Roller (09) bearing available.
To order change "01" to other bearing code. Example: 44NX10509.

Polyurethane on Aluminum (Flat Tread) (28 Precision Ball Bearing)*

Model	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
PD	10	2 1/2	1500	13 1/2	3	38 1/2	44PD10428

*Tapered Roller (09) bearing available.
To order change "01" to other bearing code. Example: 44PD10509.

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

Moldon Rubber on Cast Iron (01 Roller Bearing)*

Model	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
MR	10	3	1000	13 1/2	3	42 1/2	44MR10501
	12	3	1200	15 1/2	3	47 1/2	44MR12501

*Tapered Roller (09) bearing available.
To order change "01" to other bearing code. Example: 44MR10509.

Pneumatic (01 Roller Bearing)*

Model	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
SF	12	4.10/6	445	17 1/2	4 1/2	40	44SF12701
	14	5.30/6	785	18 1/2	4 1/2	43	44SF14801
	16	4.80/6	1000	19 1/2	4 1/2	45 3/4	44SF16801

*Tapered Roller (09) bearing available.
To order change "01" to other bearing code. Example: 44SF10509.

Polyurethane on Cast Iron (01 Roller Bearing)*

Model	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
PY	10	3	1500	13 1/2	3	48 1/2	44PY10501
	12	3	1500	15 1/2	3	56 1/4	44PY12501

*Tapered Roller (09) bearing available.
To order change "01" to other bearing code. Example: 44PY10509.

Polyurethane on Cast Iron (01 Roller Bearing)*

Model	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
PY 80A	10	3	1500	13 1/2	3	48 1/2	44PY1050180A
	12	3	1500	15 1/2	3	56 1/4	44PY1250180A

To Specify Rigid or Swivel, insert "R" or "S" before "80A".
Example: 42PY08228R80A.
*Tapered Roller (09) bearing available.
To order change "01" to other bearing code. Example: 44PY1050980A.

141

Kingpinless Contender Poly Spring Casters

CAPACITY TO 1500

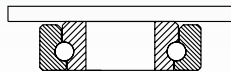


This poly spring caster has been designed with features tailored to meet the varied needs of the aviation ground support equipment and automotive industries. 141 series are equally at home in other extremely abusive and rugged applications.

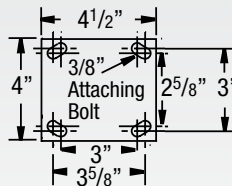
TYPICAL APPLICATIONS

- Aircraft tripod jacks
- Portable medical equipment, computer equipment
- Any shock sensitive load
- Automotive seat racks
- Tilt carts
- Heavy duty toolboxes

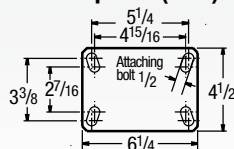
SWIVEL CROSS SECTION



MOUNTING OPTION



Optional (PATK)



Quiet



Premium Quality



Towing[^]

FEATURES

- Protects cargo from damaging shocks and unwanted vibration
- Unique polyurethane spring design is durable and corrosion resistant
- Solid spring material features no spring coil where debris can jam spring action
- Yellow Dichromate finish is attractive and features better corrosion resistance compared to zinc plating
- Quiet rolling, rugged kingpinless caster rig
- 5", 6" and 8" wheel diameters available to meet overall load height and application requirements
- Longer swivel lead allows the caster to index quicker into in-line position for easier movement

BRAKE OPTIONS

6" and 8" only. Specify **B**. To order, add brake code below to end of model. Example: 141AX06228SB



BEARING OPTIONS



SWIVEL LOCK OPTIONS

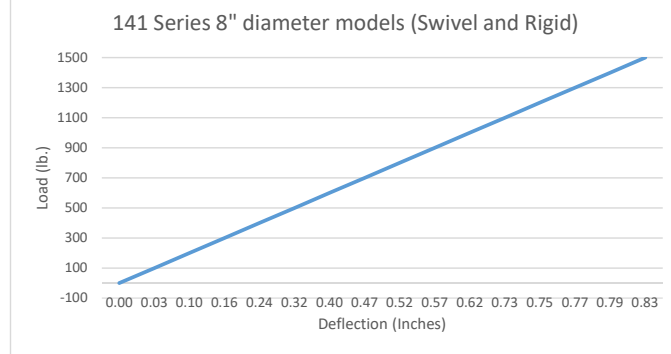
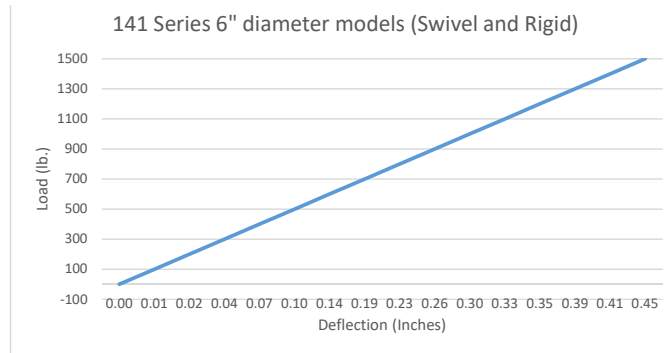
Hand operated field installable swivel lock order **SL160000** separately. For optional PATK plate use model **SL160000K**



The 141's unique polyurethane spring design is quiet, durable and corrosion resistant

SPRING DEFLECTIONS

Linear deflection curve demonstrates consistent smooth spring action with loads from 0 lbs. to 800 lbs.



Caster was pre-loaded to maximum capacity for 1 minute to seat all component parts before test was initiated. Deflection shown is average among select yoke swivel and rigid sizes.

Drive lasting results with

CG-MAX EFFICIENCY WHEEL™



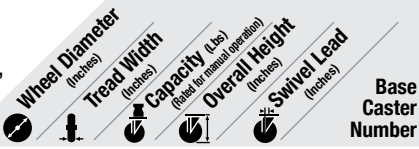
- Our most advanced polyurethane wheel
- ANSI:ICWM tested to outlast and outperform the competition
- Best-in-class ergonomics increase user safety and reduce fatigue
- Patent pending self-retaining top hats reduce environmental and assembly waste
- Debris resistant



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

[^]Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

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) (Rigidity for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
New	5	2	1000	7 1/2	3	141AN05228S
	6	2	1250	8	3	141AN06228S
	8	2	1500	10 1/8	3	141AN08228S



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	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Rigidity for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
New	5	2	1000	7 1/2	3	141AX05228S
	6	2	1250	8	3	141AX06228S
	8	2	1500	10 1/8	3	141AX08228S



85 Shore A
Learn more on
previous page

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

Green Polyurethane Round Tread on Aluminum

PM	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Rigidity for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
	5	2	1000	7 1/2	3	141PM05228S
	6	2	1250	8	3	141PM06228S
	8	2	1500	10 1/8	3	141PM08228S



95 Shore A

Standard Bearing: Precision Ball (28).

Butterscotch Polyurethane Round Tread on Aluminum

PM 80A	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Rigidity for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
	5	2	1000	7 1/2	3	141PM05228S80A
	6	2	1250	8	3	141PM06228S80A
	8	2	1500	10 1/8	3	141PM08228S80A

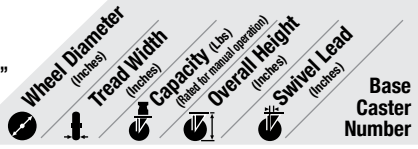


80 Shore A

Standard Bearing: Precision Ball (28).

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

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



POLYURETHANE MODELS (CONTINUED)

Yellow Polyurethane on Heavy Duty Cast Iron

PF	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Rigidity for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
	6	2	1500	8	3	141PF06228S
	8	2	1500	10 1/8	3	141PF08228S



Standard Bearing: Precision Ball (28).

RUBBER MODELS

X-tra Soft Rubber Flat Tread on Polypropylene

XS	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Rigidity for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
	5	2	500	7 1/2	3	141XS05228S
	6	2	600	8	3	141XS06228S
	8	2	675	10 1/8	3	141XS08228S



Standard Bearing: Precision Ball (28).

X-tra Soft Rubber Round Tread on Polypropylene

XR	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Rigidity for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
	6	2	450	8	3	141XR06228S
	8	2	600	10 1/8	3	141XR08228S



Standard Bearing: Precision Ball (28).

Magnum Polyurethane Round Tread on Aluminum

UA	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Rigidity for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
	6	2	750	8	3	141UA06228S
	8	2	900	10 1/8	3	141UA08228S



Standard Bearing: Precision Ball (28).

Blue
Shore 95A Standard

Optional durometers and colors available; consult factory.



CG-MAX EFFICIENCY WHEEL™

New CG-MAX EFFICIENCY wheels feature a unique polyurethane blend that is more debris resistant compared to other polyurethane wheels

141 Series Wheel Selection Hints



CG-MAX PM UA PF

Polyurethane

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



XS XR

Rubber/Pneumatic Style

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

S310 Contender Spring Loaded Kingpinless Casters

CAPACITY TO 3000

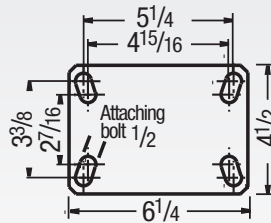


Designed from high quality, heat treated AISI 1045 stamped steel. Zinc plating delivers greater corrosion resistance than paint. Inside and outside welds deliver superior strength.

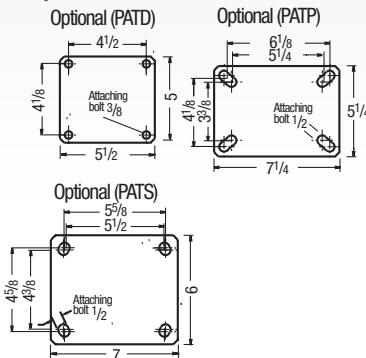
Great capacity and shock protection. Noise levels are reduced through the dampening effect of these casters.

Capacities listed at 50% of wheel deflection (21/32"). Total wheel deflection is 1-5/16".

MOUNTING OPTIONS Standard Plate



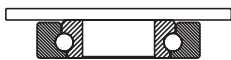
Special Order Plates



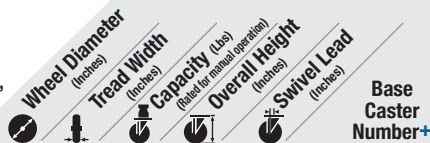
TYPICAL APPLICATIONS

- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs
- Aviation Ground Support
- Aircraft Tripod Jacks
- Shock Sensitive Loads

SWIVEL CROSS SECTION



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



Molded Rubber on Cast Iron (09 Tapered 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	700	10 7/8	4 7/8	S310MR06409
	6	3	750	10 7/8	4 7/8	S310MR06509
	8	2 1/2	850	11 7/8	4 7/8	S310MR08409
	8	3	900	11 7/8	4 7/8	S310MR08509
	10	2 1/2	950	14	4 7/8	S310MR10409
	10	2 1/2**	1500	14	4 7/8	S310MH10409
	10	3	1000	14	4 7/8	S310MR10509
	10	3**	1800	14	4 7/8	S310MH10509
	12	2 1/2	950	16	5 11/16	S310MR12409
	12	2 1/2**	1700	16	5 11/16	S310MH12409
	12	3	1200	16	5 11/16	S310MR12509

*Roller (01) bearings available. To order change "09" to "01". Example: S310MR10401.

**Heavy-duty MH version of wheel.



Premium Quality



Environmentally Friendly



Towing^

FEATURES

- **Load Springs:** Protect from damaging shocks and reduce noise levels through the dampening effect of the springs
- **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 heat treated steel
- **Legs:** welded inside and out
- **Axle:** 3/4" diameter
- **Finish:** Zinc plating
- Alternate or custom caster configurations available

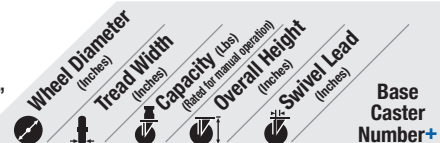
RIG OPTIONS

- For non-spring loaded versions, see 310 Series on pages 48-49
- 310 Optional Plates also available, consult factory

BRAKE OPTIONS

Consult factory

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



Mold-on 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	11 7/8	4 7/8	S310PD08401
	8	3	2520	11 7/8	4 7/8	S310PD08501
	10	2 1/2	2370	14	4 7/8	S310PD10401
	10	3	3000	14	4 7/8	S310PD10501

Standard durometer 60 Shore D. Other durometers available.
*Tapered Roller (09) bearings available. To order change "01" to "09".
Example: S310PD10409.

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	10 7/8	4 7/8	S310PY06409
	6	3	2000	10 7/8	4 7/8	S310PY06509
	8	2 1/2	2000	11 7/8	4 7/8	S310PY08409
	8	3	2500	11 7/8	4 7/8	S310PY08509
	10	2 1/2	2300	14	4 7/8	S310PY10409
	10	3	3000	14	4 7/8	S310PY10509
	12	2 1/2	2700	16	5 11/16	S310PY12409
	12	3	3000	16	5 11/16	S310PY12509

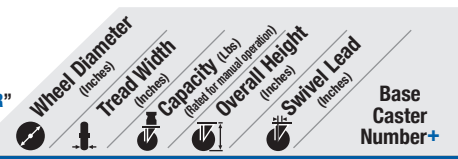
*Roller (01) bearings available. To order change "09" to "01".
Example: S310PY10401.
80A Durometer available, add "80A" to end of caster number.
80A capacity reduced by approximately 20%.
Swivel example: S310PY06409S80A.
For 70D consult factory.

Thick Tread Polyurethane (09 Tapered Roller Bearing)*

PX	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	3	2250	10 7/8	4 7/8	S310PX06509
	8	3	2780	11 7/8	4 7/8	S310PX08509
	10	2 1/2	2600	14	4 7/8	S310PX10409
	10	3	3000	14	4 7/8	S310PX10509
	12	3	3000	16	5 11/16	S310PX12509

Standard durometer 95 Shore A. Other durometers available.
*Roller (01) bearings available. To order change "09" to "01".
Example: S310PX10401.

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



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

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
EY	6	3	2137	107/8	47/8	S310EY06528
	8	3	3000	117/8	47/8	S310EY08528

Standard durometer 95 Shore A. Other durometers available.

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

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
EZ	6	3	2850	107/8	47/8	S310EZ06528
	8	3	3000	117/8	47/8	S310EZ08528
	10	3	3000	14	47/8	S310EZ10528

Standard durometer 95 Shore A. Other durometers available.

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

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
PF	6	2 1/2	2900	107/8	47/8	S310PF06428
	8	2 1/2	3000	117/8	47/8	S310PF08428
	8	3	3000	117/8	47/8	S310PF08528
	10	3	3000	14	47/8	S310PF10528

95 Shore A

*Tapered Roller (09) bearings available. To order change "28" to "09". Example: S310PF10509.

Polyurethane Reactive on Iron (28 Precision Ball Bearing)*

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
PR	10	3	2400	14	47/8	S310PR10528
	12	3	2800	16	5 11/16	S310PR12528

80 Shore A

*Tapered Roller (09) bearings available. To order change "28" to "09". Example: S310PR10509.

Vulkollan on Cast Iron (09 Tapered Roller Bearing)*

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
VY	6	2 1/2	2350	107/8	47/8	S310VY06409
	8	2 1/2	2900	117/8	47/8	S310VY08409
	8	3	3000	117/8	47/8	S310VY08509
	10	3	3000	14	47/8	S310VY10509

*Roller (01) bearings available. To order change "09" to "01". Example: S310VY10401.

Thick Tread Vulkollan on Cast Iron (09 Tapered Roller Bearing)*

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
VX	6	3	3000	107/8	47/8	S310VX06509
	8	3	3000	117/8	47/8	S310VX08509
	10	3	3000	14	47/8	S310VX10509

*Roller (01) bearings available. To order change "09" to "01". Example: S310VX10501.

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

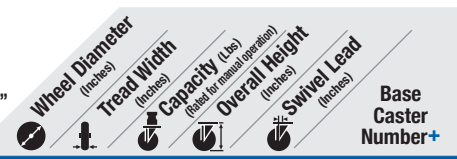
Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
XP	8	2 1/2	2000	117/8	47/8	S310XP08428
	8	3	2000	117/8	47/8	S310XP08528
	10	2 1/2	2500	14	47/8	S310XP10428
	10	3	2500	14	47/8	S310XP10528

Phenolic (01 Roller Bearing)*

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
TM	6	2 1/2	1600	107/8	47/8	S310TM06401
	6	3	2000	107/8	47/8	S310TM06501
	8	2 1/2	2000	117/8	47/8	S310TM08401
	8	3	2500	117/8	47/8	S310TM08501
	10	2 1/2	2500	14	47/8	S310TM10401
	10	3	2900	14	47/8	S310TM10501
	12	2 1/2	3000	16	5 11/16	S310TM12401
	12	3	3000	16	5 11/16	S310TM12501

*Tapered Roller (09) bearings available. To order change "01" to "09". Example: S310TM10409.

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



Trionix™ High Impact Polymer (28 Precision Ball Bearing)

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
NX	6	2 1/2	3000	107/8	4-7/8	S310NX06428
	6	3	3000	107/8	4-7/8	S310NX06528
	8	2 1/2	3000	117/8	4-7/8	S310NX08428
	8	3	3000	117/8	4-7/8	S310NX08528
	10	2 1/2	3000	14	4-7/8	S310NX10428
	10	3	3000	14	4-7/8	S310NX10528

Cast Iron (01 Roller Bearing)*

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
CA	6	2 1/2	2300	107/8	47/8	S310CA06401
	6	3	2800	107/8	47/8	S310CA06501
	8	2 1/2	2300	117/8	47/8	S310CA08401
	8	3	2800	117/8	47/8	S310CA08501
	10	2 1/2	2300	14	47/8	S310CA10401
	10	3	2800	14	47/8	S310CA10501
	12	3	2800	16	5 11/16	S310CA12501

*Tapered Roller (09) bearings available. To order change "01" to "09". Example: S310CA10409.

V-Groove Cast Iron (01 Roller Bearing)*

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
VG/VF	6	2 1/2	2500	107/8	47/8	S310VG06401
	8	2 1/2	2500	117/8	47/8	S310VG08401
	8	3	2500	117/8	47/8	S310VG08501
	10	3	3000	14	47/8	S310VG10501

V-Groove Drop Forged Steel (01 Roller Bearing)

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
8	3	3000	117/8	47/8	S310VF08501	

*Tapered Roller (09) bearings available. To order change "01" to "09". Example: S310VF10409.

Drop Forged Steel (01 Roller Bearing)*

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
FS	6	2 1/2	3000	107/8	47/8	S310FS06401
	8	2 1/2	3000	117/8	47/8	S310FS08401
	8	3	3000	117/8	47/8	S310FS08501
	10	3	3000	14	47/8	S310FS10501

*Tapered Roller (09) bearings available. To order change "01" to "09". Example: S310FS10509.

Ductile Iron Crowned Tread (01 Roller Bearing)*

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
FR	6	2 1/2	3000	107/8	47/8	S310FR06401
	6	3	3000	107/8	47/8	S310FR06501
	8	3	3000	117/8	47/8	S310FR08501
	10	3	3000	14	47/8	S310FR10501

*Tapered Roller (09) bearings available. To order change "01" to "09". Example: S310FR08509.

Ductile Iron Flat Tread (01 Roller Bearing)*

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
FM	6	2 1/2	3000	107/8	47/8	S310FM06401
	6	3	3000	107/8	47/8	S310FM06501
	8	3	3000	117/8	47/8	S310FM08501
	10	3	3000	14	47/8	S310FM10501

*Tapered Roller (09) bearings available. To order change "01" to "09". Example: S310FM08509.

Ductile Iron V-Groove Tread (01 Roller Bearing)*

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
VM	6	2 1/2	3000	107/8	47/8	S310VM06401
	6	3	3000	107/8	47/8	S310VM06501
	8	3	3000	117/8	47/8	S310VM08501
	10	3	3000	14	47/8	S310VM10501

*Tapered Roller (09) bearings available. To order change "01" to "09". Example: S310VM08509.

S410

Contender Spring Loaded Kingpinless Casters

CAPACITY TO 3000



Designed from high quality, heat treated AISI 1045 stamped steel. Zinc plating delivers greater corrosion resistance than paint. Inside and outside welds deliver superior strength.

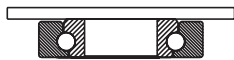
Greater capacity and better shock protection. Noise levels are reduced through the dampening effect of these casters.

Capacities listed at 50% of wheel deflection (21/32"). Total wheel deflection is 1-5/16".

TYPICAL APPLICATIONS

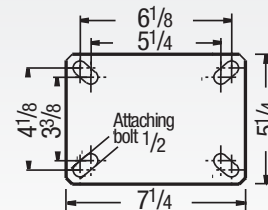
- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs
- Aviation Ground Support
- Aircraft Tripod Jacks
- Shock Sensitive Loads

SWIVEL CROSS SECTION

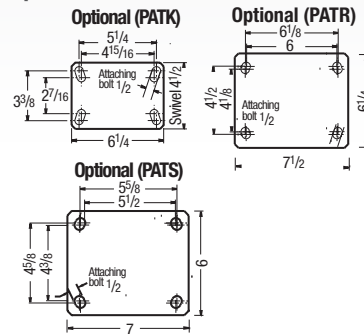


MOUNTING OPTIONS

Standard Plate



Special Order Plates



Premium Quality



Environmentally Friendly



Towing^

FEATURES

- **Load Springs:** Protect from damaging shocks and reduce noise levels through the dampening effect of the springs
- **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 raceway. ZerK in swivel section.
- **Yoke Base:** Notched AISI 1045 heat treated steel
- **Legs:** welded inside and out
- **Axle:** 3/4" diameter
- **Finish:** Zinc plating
- Alternate or custom caster configurations available

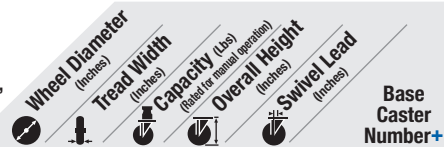
RIG OPTIONS

- For non-spring loaded versions, see 410 Series on pages 50-51
- S410 optional plates also available; consult factory

BRAKE OPTIONS

Consult factory

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



Mold-on Polyurethane on Aluminum (01 Roller Bearing)*

PD	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rate for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
8	2 1/2	2010	117/8	47/8		S410PD08401
8	3	2520	117/8	47/8		S410PD08501
10	2 1/2	2370	14	47/8		S410PD10401
10	3	3000	14	47/8		S410PD10501

Standard durometer 60 Shore D. Other durometers available.

*Tapered Roller (09) bearings available. To order change "01" to "09". Example: S410PD10409.

Polyurethane on Cast Iron (09 Tapered Roller Bearing)*

PY	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rate for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
6	2 1/2	1600	107/8	47/8		S410PY06409
6	3	2000	107/8	47/8		S410PY06509
8	2 1/2	2000	117/8	47/8		S410PY08409
8	3	2500	117/8	47/8		S410PY08509
10	2 1/2	2300	14	47/8		S410PY10409
10	3	3000	14	47/8		S410PY10509
12	2 1/2	2700	16	5 11/16		S410PY12409
12	3	3000	16	5 11/16		S410PY12509

*Roller (01) bearings available. To order change "09" to "01".

Example: S410PY10401.

PY 80A

80 Shore A



80A Durometer available, add "80A" to end of caster number.

80A capacity reduced by approximately 20%.

Swivel example: S410PY06409S80A.

For 70D consult factory.

Thick Tread Polyurethane (09 Tapered Roller Bearing)*

PX	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rate for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
6	3	2250	107/8	47/8		S410PX06509
8	3	2780	117/8	47/8		S410PX08509
10	2 1/2	2600	14	47/8		S410PX10409
10	3	3000	14	47/8		S410PX10509
12	3	3000	16	5 11/16		S410PX12509

Standard durometer 95 Shore A. Other durometers available.

*Roller (01) bearings available. To order change "09" to "01".

Example: S410PX10401.

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

MR/MH	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rate for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
6	2 1/2	700	107/8	47/8		S410MR06409
6	3	750	107/8	47/8		S410MR06509
8	2 1/2	850	117/8	47/8		S410MR08409
8	3	900	117/8	47/8		S410MR08509
10	2 1/2	950	14	47/8		S410MR10409
10	2 1/2**	1500	14	47/8		S410MH10409
10	3	1000	14	47/8		S410MR10509
10	3**	1800	14	47/8		S410MH10509
12	2 1/2	950	16	5 11/16		S410MR12409
12	2 1/2**	1700	16	5 11/16		S410MH12409
12	3	1200	16	5 11/16		S410MR12509

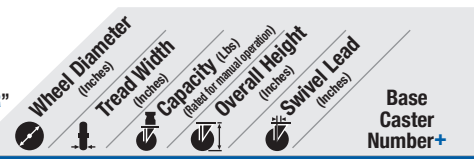
*Roller (01) bearings available. To order change "09" to "01".

Example: S410MR10401.

**Heavy-duty MH version of wheel.

Continue on next page >>

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



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	10 ⁷ / ₈	4 ⁷ / ₈	S410EY06528
	8	3	3000	11 ⁷ / ₈	4 ⁷ / ₈	S410EY08528

Standard durometer 95 Shore A. Other durometers available.



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	10 ⁷ / ₈	4 ⁷ / ₈	S410EZ06528
	8	3	3000	11 ⁷ / ₈	4 ⁷ / ₈	S410EZ08528
	10	3	3000	14	4 ⁷ / ₈	S410EZ10528

Standard durometer 95 Shore A. Other durometers available.



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	10 ⁷ / ₈	4 ⁷ / ₈	S410PF06428
	8	2 ¹ / ₂	3000	11 ⁷ / ₈	4 ⁷ / ₈	S410PF08428
	8	3	3000	11 ⁷ / ₈	4 ⁷ / ₈	S410PF08528
	10	3	3000	14	4 ⁷ / ₈	S410PF10528

95 Shore A

*Tapered Roller (09) bearings available. To order change "28" to "09". Example: S410PF10509.



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	14	4 ⁷ / ₈	S410PR10528
	12	3	2800	16	5 ¹¹ / ₁₆	S410PR12528

80 Shore A

*Tapered Roller (09) bearings available. To order change "28" to "09". Example: S410PR10509.



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)	Base Caster Number+
	6	2 ¹ / ₂	2350	10 ⁷ / ₈	4 ⁷ / ₈	S410VY06409
	8	2 ¹ / ₂	2900	11 ⁷ / ₈	4 ⁷ / ₈	S410VY08409
	8	3	3000	11 ⁷ / ₈	4 ⁷ / ₈	S410VY08509
	10	3	3000	14	4 ⁷ / ₈	S410VY10509

*Roller (01) bearings available. To order change "09" to "01". Example: S410VY10501.



Thick Tread Vulkollan on Cast Iron (09 Tapered 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	10 ⁷ / ₈	4 ⁷ / ₈	S410VX06509
	8	3	3000	11 ⁷ / ₈	4 ⁷ / ₈	S410VX08509
	10	3	3000	14	4 ⁷ / ₈	S410VX10509

*Roller (01) bearings available. To order change "09" to "01". Example: S410VX10501.



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	11 ⁷ / ₈	4 ⁷ / ₈	S410XP08428
	8	3	2000	11 ⁷ / ₈	4 ⁷ / ₈	S410XP08528
	10	2 ¹ / ₂	2500	14	4 ⁷ / ₈	S410XP10428
	10	3	2500	14	4 ⁷ / ₈	S410XP10528



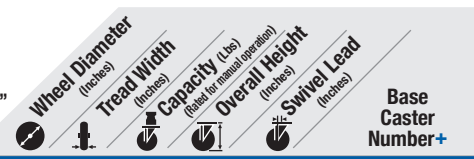
Phenolic (01 Roller Bearing)*

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	10 ⁷ / ₈	4 ⁷ / ₈	S410TM06401
	6	3	2000	10 ⁷ / ₈	4 ⁷ / ₈	S410TM06501
	8	2 ¹ / ₂	2000	11 ⁷ / ₈	4 ⁷ / ₈	S410TM08401
	8	3	2500	11 ⁷ / ₈	4 ⁷ / ₈	S410TM08501
	10	2 ¹ / ₂	2500	14	4 ⁷ / ₈	S410TM10401
	10	3	2900	14	4 ⁷ / ₈	S410TM10501
	12	2 ¹ / ₂	3000	16	5 ¹¹ / ₁₆	S410TM12401
	12	3	3000	16	5 ¹¹ / ₁₆	S410TM12501

*Tapered Roller (09) bearings available. To order change "01" to "09". Example: S410TM10409.



+ 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)	Base Caster Number+
	6	2 ¹ / ₂	3000	10 ⁷ / ₈	4 ⁷ / ₈	S410NX06428
	6	3	3000	10 ⁷ / ₈	4 ⁷ / ₈	S410NX06528
	8	2 ¹ / ₂	3000	11 ⁷ / ₈	4 ⁷ / ₈	S410NX08428
	8	3	3000	11 ⁷ / ₈	4 ⁷ / ₈	S410NX08528
	10	2 ¹ / ₂	3000	14	4 ⁷ / ₈	S410NX10428
	10	3	3000	14	4 ⁷ / ₈	S410NX10528



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	10 ⁷ / ₈	4 ⁷ / ₈	S410CA06401
	6	3	2800	10 ⁷ / ₈	4 ⁷ / ₈	S410CA06501
	8	2 ¹ / ₂	2300	11 ⁷ / ₈	4 ⁷ / ₈	S410CA08401
	8	3	2800	11 ⁷ / ₈	4 ⁷ / ₈	S410CA08501
	10	2 ¹ / ₂	2300	14	4 ⁷ / ₈	S410CA10401
	10	3	2800	14	4 ⁷ / ₈	S410CA10501
	12	3	2800	16	5 ¹¹ / ₁₆	S410CA12501

*Tapered Roller (09) bearings available. To order change "01" to "09". Example: S410CA10409.



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	10 ⁷ / ₈	4 ⁷ / ₈	S410VG06401
	8	2 ¹ / ₂	2500	11 ⁷ / ₈	4 ⁷ / ₈	S410VG08401
	8	3	2500	11 ⁷ / ₈	4 ⁷ / ₈	S410VG08501
	10	3	3000	14	4 ⁷ / ₈	S410VG10501

V-Groove Drop Forged Steel (01 Roller Bearing)

	8	3	3000	11 ⁷ / ₈	4 ⁷ / ₈	S410VF08501
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*Tapered Roller (09) bearings available. To order change "01" to "09". Example: S410VG10409.



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	3000	10 ⁷ / ₈	4 ⁷ / ₈	S410FS06401
	8	2 ¹ / ₂	3000	11 ⁷ / ₈	4 ⁷ / ₈	S410FS08401
	8	3	3000	11 ⁷ / ₈	4 ⁷ / ₈	S410FS08501
	10	3	3000	14	4 ⁷ / ₈	S410FS10501

*Tapered Roller (09) bearings available. To order change "01" to "09". Example: S410FS10509.



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)	Base Caster Number+
	6	2 ¹ / ₂	3000	10 ⁷ / ₈	4 ⁷ / ₈	S410FR06401
	6	3	3000	10 ⁷ / ₈	4 ⁷ / ₈	S410FR06501
	8	3	3000	11 ⁷ / ₈	4 ⁷ / ₈	S410FR08501
	10	3	3000	14	4 ⁷ / ₈	S410FR10501

*Tapered Roller (09) bearings available. To order change "01" to "09". Example: S410FR08509.



Ductile Iron Flat Tread (01 Roller Bearing)*

FM	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	3000	10 ⁷ / ₈	4 ⁷ / ₈	S410FM06401
	6	3	3000	10 ⁷ / ₈	4 ⁷ / ₈	S410FM06501
	8	3	3000	11 ⁷ / ₈	4 ⁷ / ₈	S410FM08501
	10	3	3000	14	4 ⁷ / ₈	S410FM10501

*Tapered Roller (09) bearings available. To order change "01" to "09". Example: S410FM08509.



Ductile Iron V-Groove Tread (01 Roller Bearing)*

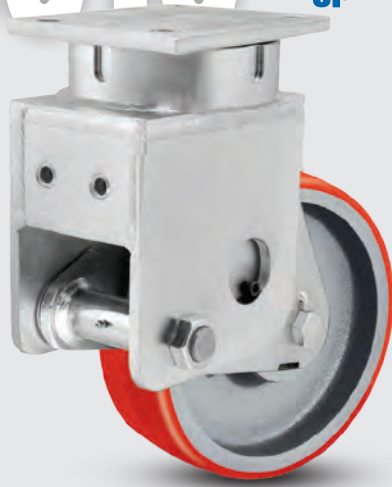
VM	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (rated for manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	2 ¹ / ₂	3000	10 ⁷ / ₈	4 ⁷ / ₈	S410VM06401
	6	3	3000	10 ⁷ / ₈	4 ⁷ / ₈	S410VM06501
	8	3	3000	11 ⁷ / ₈	4 ⁷ / ₈	S410VM08501
	10	3	3000	14	4 ⁷ / ₈	S410VM10501

*Tapered Roller (09) bearings available. To order change "01" to "09". Example: S410VM08509.



S610 Contender Spring Loaded Kingpinless Casters

CAPACITY TO 3000

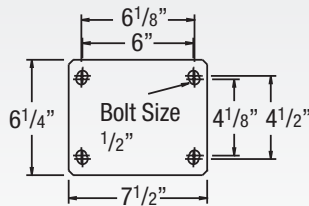


Highly recommended for automotive and aerospace applications. This caster is built to take the punishment of constant swiveling or for service where shock or impact loads might damage less rugged casters.

Greater capacity and better shock protection. Noise levels are reduced through the dampening effect of these casters.

Capacities listed at 50% of wheel deflection (21/32"). Total wheel deflection is 1-5/16".

MOUNTING OPTION



SWIVEL CROSS SECTION



TYPICAL APPLICATIONS

- Body dolly carts
- Engine dollies
- Material carts
- Chassis rack carts
- Paint line dollies
- Towed trash gondolas
- Aviation Ground Support
- Aircraft Tripod Jacks
- Shock Sensitive Loads

+ 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)	Base Caster Number+
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Moldon Rubber on Cast Iron (09 Tapered Roller Bearing)*

MR/MH	6	2 1/2	700	1 13/4	4 1/2	S610MR06409
	6	3	750	1 13/4	4 1/2	S610MR06509
	8	2 1/2	850	1 23/4	4 1/2	S610MR08409
	8	3	900	1 23/4	4 1/2	S610MR08509
	10	2 1/2	950	1 47/8	4 1/2	S610MR10409
	10	2 1/2**	1500	1 47/8	4 1/2	S610MH10409
	10	3	1000	1 47/8	4 1/2	S610MR10509
	10	3**	1800	1 47/8	4 1/2	S610MH10509
	12	2 1/2	950	1 67/8	5 5/16	S610MR12409
	12	2 1/2**	1700	1 67/8	5 5/16	S610MH12409
	12	3	1200	1 67/8	5 5/16	S610MR12509

*Roller (01) bearings available. To order change "09" to "01". Example: S610MR10401.

**Heavy-duty MH version of wheel.



Premium Quality



Environmentally Friendly



Towing^

FEATURES

- **Load Springs:** Protect from damaging shocks and reduce noise levels through the dampening effect of the springs
- **Top Plate:** 1/2" AISI 1045 heat treated steel welded inside and out for longer life
- **Swivel Section:** 3/4" ball bearings mounted in a 4-3/8" precision machined raceway. Zerk in swivel section
- **Yoke Base:** Notched AISI 1045 heat treated steel
- **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

- For non-spring loaded versions, see 610 Series on pages 52-53
- S410 optional plates also available; consult factory

BRAKE OPTIONS

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) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
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Mold-on Polyurethane on Aluminum (01 Roller Bearing)*

PD	8	2 1/2	2010	1 23/4	4 1/2	S610PD08401
	8 <td>3 <td>2520 <th>1 23/4</th> <th>4 1/2</th> <th>S610PD08501</th> </td></td>	3 <td>2520 <th>1 23/4</th> <th>4 1/2</th> <th>S610PD08501</th> </td>	2520 <th>1 23/4</th> <th>4 1/2</th> <th>S610PD08501</th>	1 23/4	4 1/2	S610PD08501
	10 <th>2 1/2</th> <th>2370</th> <th>1 47/8</th> <th>4 1/2</th> <th>S610PD10401</th>	2 1/2	2370	1 47/8	4 1/2	S610PD10401
	10 <th>3</th> <th>2000</th> <th>1 47/8</th> <th>4 1/2</th> <th>S610PD10501</th>	3	2000	1 47/8	4 1/2	S610PD10501

Standard durometer 60 Shore D. Other durometers available.

*Tapered Roller (09) bearings available.

To order change "01" to "09". Example: S610PD10409.

Polyurethane on Cast Iron (09 Tapered Roller Bearing)*

PY	6	2 1/2	1600	1 13/4	4 1/2	S610PY06409
	6	3	2000	1 13/4	4 1/2	S610PY06509
	8 <th>2 1/2</th> <th>2000</th> <th>1 23/4</th> <th>4 1/2</th> <th>S610PY08409</th>	2 1/2	2000	1 23/4	4 1/2	S610PY08409
	8 <th>3</th> <th>2500</th> <th>1 23/4</th> <th>4 1/2</th> <th>S610PY08509</th>	3	2500	1 23/4	4 1/2	S610PY08509
	10 <th>2 1/2</th> <th>2300</th> <th>1 47/8</th> <th>4 1/2</th> <th>S610PY10409</th>	2 1/2	2300	1 47/8	4 1/2	S610PY10409
	10 <th>3</th> <th>3000</th> <th>1 47/8</th> <th>4 1/2</th> <th>S610PY10509</th>	3	3000	1 47/8	4 1/2	S610PY10509
95 Shore A	12 <th>2 1/2</th> <th>2700</th> <th>1 67/8</th> <th>5 5/16</th> <th>S610PY12409</th>	2 1/2	2700	1 67/8	5 5/16	S610PY12409
	12 <th>3</th> <th>3000</th> <th>1 67/8</th> <th>5 5/16</th> <th>S610PY12509</th>	3	3000	1 67/8	5 5/16	S610PY12509

*Roller (01) bearings available.

To order change "09" to "01". Example: S610PY10401. 80A Durometer available, add "80A" to end of caster number.

80A capacity reduced by approximately 20%.

Swivel example: S610PY06409S80A.

For 70D consult factory.

Thick Tread Polyurethane (09 Tapered Roller Bearing)*

PX	6	3	2250	1 13/4	4 1/2	S610PX06509
	8 <th>3</th> <th>2780</th> <th>1 23/4</th> <th>4 1/2</th> <th>S610PX08509</th>	3	2780	1 23/4	4 1/2	S610PX08509
	10 <th>2 1/2</th> <th>2600</th> <th>1 47/8</th> <th>4 1/2</th> <th>S610PX10409</th>	2 1/2	2600	1 47/8	4 1/2	S610PX10409
	10 <th>3</th> <th>3000</th> <th>1 47/8</th> <th>4 1/2</th> <th>S610PX10509</th>	3	3000	1 47/8	4 1/2	S610PX10509
	12 <th>3</th> <th>3000</th> <th>1 67/8</th> <th>5 5/16</th> <th>S610PX12509</th>	3	3000	1 67/8	5 5/16	S610PX12509

Standard durometer 95 Shore A. Other durometers available.

*Roller (01) bearings available. To order change "09" to "01".

Example: S610PX10401.

Continue on next page >>

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



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

Model	W.D.	T.W.	Capacity	Overall H.	Swivel Lead	Base Caster Number
EY	6	3	2137	11 ³ / ₄	4 ¹ / ₂	S610EY06528
	8	3	3000	12 ³ / ₄	4 ¹ / ₂	S610EY08528

Standard durometer 95 Shore A. Other durometers available.



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

Model	W.D.	T.W.	Capacity	Overall H.	Swivel Lead	Base Caster Number
EZ	6	3	2850	11 ³ / ₄	4 ¹ / ₂	S610EZ06528
	8	3	3000	12 ³ / ₄	4 ¹ / ₂	S610EZ08528
	10	3	3000	14 ⁷ / ₈	4 ¹ / ₂	S610EZ10528

Standard durometer 95 Shore A. Other durometers available.



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

Model	W.D.	T.W.	Capacity	Overall H.	Swivel Lead	Base Caster Number
PF	6	2 ¹ / ₂	2900	11 ³ / ₄	4 ¹ / ₂	S610PF06428
	8	2 ¹ / ₂	3000	12 ³ / ₄	4 ¹ / ₂	S610PF08428
	8	3	3000	12 ³ / ₄	4 ¹ / ₂	S610PF08528
	10	3	3000	14 ⁷ / ₈	4 ¹ / ₂	S610PF10528

95 Shore A

*Tapered Roller (09) bearings available. To order change "28" to "09". Example: S610PF10509.



Polyurethane Reactive on Iron (28 Precision Ball Bearing)*

Model	W.D.	T.W.	Capacity	Overall H.	Swivel Lead	Base Caster Number
PR	10	3	2400	14 ⁷ / ₈	4 ¹ / ₂	S610PR10528
	12	3	2800	16 ⁷ / ₈	5 ⁵ / ₁₆	S610PR12528

80 Shore A

*Tapered Roller (09) bearings available. To order change "28" to "09". Example: S610PR10509.



Vulkollan on Cast Iron (09 Tapered Roller Bearing)*

Model	W.D.	T.W.	Capacity	Overall H.	Swivel Lead	Base Caster Number
VY	6	2 ¹ / ₂	2350	11 ³ / ₄	4 ¹ / ₂	S610VY06409
	8	2 ¹ / ₂	2900	12 ³ / ₄	4 ¹ / ₂	S610VY08409
	8	3	3000	12 ³ / ₄	4 ¹ / ₂	S610VY08509
	10	3	3000	14 ⁷ / ₈	4 ¹ / ₂	S610VY10509

*Roller (01) bearings available. To order change "09" to "01". Example: S610VY10501.



Thick Tread Vulkollan on Cast Iron (09 Tapered Roller Bearing)*

Model	W.D.	T.W.	Capacity	Overall H.	Swivel Lead	Base Caster Number
VX	6	3	3000	11 ³ / ₄	4 ¹ / ₂	S610VX06509
	8	3	3000	12 ³ / ₄	4 ¹ / ₂	S610VX08509
	10	3	3000	14 ⁷ / ₈	4 ¹ / ₂	S610VX10509

*Roller (01) bearings available. To order change "09" to "01". Example: S610VX10501.



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

Model	W.D.	T.W.	Capacity	Overall H.	Swivel Lead	Base Caster Number
XP	8	2 ¹ / ₂	2000	12 ³ / ₄	4 ¹ / ₂	S610XP08428
	8	3	2000	12 ³ / ₄	4 ¹ / ₂	S610XP08528
	10	2 ¹ / ₂	2500	14 ⁷ / ₈	4 ¹ / ₂	S610XP10428
	10	3	2500	14 ⁷ / ₈	4 ¹ / ₂	S610XP10528



Phenolic (01 Roller Bearing)*

Model	W.D.	T.W.	Capacity	Overall H.	Swivel Lead	Base Caster Number
TM	6	2 ¹ / ₂	1600	11 ³ / ₄	4 ¹ / ₂	S610TM06401
	6	3	2000	11 ³ / ₄	4 ¹ / ₂	S610TM06501
	8	2 ¹ / ₂	2000	12 ³ / ₄	4 ¹ / ₂	S610TM08401
	8	3	2500	12 ³ / ₄	4 ¹ / ₂	S610TM08501
	10	2 ¹ / ₂	2500	14 ⁷ / ₈	4 ¹ / ₂	S610TM10401
	10	3	2900	14 ⁷ / ₈	4 ¹ / ₂	S610TM10501
	12	2 ¹ / ₂	3000	16 ⁷ / ₈	5 ⁵ / ₁₆	S610TM12401
	12	3	3000	16 ⁷ / ₈	5 ⁵ / ₁₆	S610TM12501

*Tapered Roller (09) bearings available. To order change "01" to "09". Example: S610TM10409.



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



Trionix™ High Impact Polymer (28 Precision Ball Bearing)

Model	W.D.	T.W.	Capacity	Overall H.	Swivel Lead	Base Caster Number
NX	6	2 ¹ / ₂	3000	11 ³ / ₄	4 ¹ / ₂	S610NX06428
	6	3	3000	11 ³ / ₄	4 ¹ / ₂	S610NX06528
	8	2 ¹ / ₂	3000	12 ³ / ₄	4 ¹ / ₂	S610NX08428
	8	3	3000	12 ³ / ₄	4 ¹ / ₂	S610NX08528
	10	2 ¹ / ₂	3000	14 ⁷ / ₈	4 ¹ / ₂	S610NX10428
	10	3	3000	14 ⁷ / ₈	4 ¹ / ₂	S610NX10528



Cast Iron (01 Roller Bearing)*

Model	W.D.	T.W.	Capacity	Overall H.	Swivel Lead	Base Caster Number
CA	6	2 ¹ / ₂	2300	11 ³ / ₄	4 ¹ / ₂	S610CA06401
	6	3	2800	11 ³ / ₄	4 ¹ / ₂	S610CA06501
	8	2 ¹ / ₂	2300	12 ³ / ₄	4 ¹ / ₂	S610CA08401
	8	3	2800	12 ³ / ₄	4 ¹ / ₂	S610CA08501
	10	2 ¹ / ₂	2300	14 ⁷ / ₈	4 ¹ / ₂	S610CA10401
	10	3	2800	14 ⁷ / ₈	4 ¹ / ₂	S610CA10501
	12	3	2800	16 ⁷ / ₈	5 ⁵ / ₁₆	S610CA12501



*Tapered Roller (09) bearings available. To order change "01" to "09". Example: S610CA10409.

V-Groove Cast Iron (01 Roller Bearing)*

Model	W.D.	T.W.	Capacity	Overall H.	Swivel Lead	Base Caster Number
VG/VF	6	2 ¹ / ₂	2500	11 ³ / ₄	4 ¹ / ₂	S610VG06401
	8	2 ¹ / ₂	2500	12 ³ / ₄	4 ¹ / ₂	S610VG08401
	8	3	2500	12 ³ / ₄	4 ¹ / ₂	S610VG08501
	10	3	3000	14 ⁷ / ₈	4 ¹ / ₂	S610VG10501



V-Groove Drop Forged Steel (01 Roller Bearing)

	8	3	3000	12 ³ / ₄	4 ¹ / ₂	S610VF08501
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*Tapered Roller (09) bearings available. To order change "01" to "09". Example: S610VG10509.

Drop Forged Steel (01 Roller Bearing)*

Model	W.D.	T.W.	Capacity	Overall H.	Swivel Lead	Base Caster Number
FS	6	2 ¹ / ₂	3000	11 ³ / ₄	4 ¹ / ₂	S610FS06401
	8	2 ¹ / ₂	3000	12 ³ / ₄	4 ¹ / ₂	S610FS08401
	8	3	3000	12 ³ / ₄	4 ¹ / ₂	S610FS08501
	10	3	3000	14 ⁷ / ₈	4 ¹ / ₂	S610FS10501



*Tapered Roller (09) bearings available. To order change "01" to "09". Example: S610FS10509.

Ductile Iron Crowned Tread (01 Roller Bearing)*

Model	W.D.	T.W.	Capacity	Overall H.	Swivel Lead	Base Caster Number
FR	6	2 ¹ / ₂	3000	11 ³ / ₄	4 ¹ / ₂	S610FR06401
	6	3	3000	11 ³ / ₄	4 ¹ / ₂	S610FR06501
	8	3	3000	11 ⁷ / ₈	4 ¹ / ₂	S610FR08501
	10	3	3000	14 ⁷ / ₈	4 ¹ / ₂	S610FR10501



*Tapered Roller (09) bearings available. To order change "01" to "09". Example: S610FR08509.

Ductile Iron Flat Tread (01 Roller Bearing)*

Model	W.D.	T.W.	Capacity	Overall H.	Swivel Lead	Base Caster Number
FM	6	2 ¹ / ₂	3000	11 ³ / ₄	4 ¹ / ₂	S610FM06401
	6	3	3000	11 ³ / ₄	4 ¹ / ₂	S610FM06501
	8	3	3000	11 ⁷ / ₈	4 ¹ / ₂	S610FM08501
	10	3	3000	14 ⁷ / ₈	4 ¹ / ₂	S610FM10501



*Tapered Roller (09) bearings available. To order change "01" to "09". Example: S610FM08509.

Ductile Iron V-Groove Tread (01 Roller Bearing)*

Model	W.D.	T.W.	Capacity	Overall H.	Swivel Lead	Base Caster Number
VM	6	2 ¹ / ₂	3000	11 ³ / ₄	4 ¹ / ₂	S610VM06401
	6	3	3000	11 ³ / ₄	4 ¹ / ₂	S610VM06501
	8	3	3000	11 ⁷ / ₈	4 ¹ / ₂	S610VM08501
	10	3	3000	14 ⁷ / ₈	4 ¹ / ₂	S610VM10501



*Tapered Roller (09) bearings available. To order change "01" to "09". Example: S610VM08509.

DUAL WHEEL CASTERS

CAPACITY RANGE 280-30000 LBS



850 Series

When Failure is Not an Option.

Common Applications:

- Tool Carts
- Group Support Equipment
- Storage Racks
- Low Profile Carts
- Platforms
- Custom Material Handling
- Towable Transportation Equipment
- Workstations/Packaging

Cantilever Style



216 Series
Capacity to 900 101



263 Series
Capacity to 2000 102



281 Series
Capacity to 2000 103



290/295 Series
Capacity to 8000 104

Kingpinless Style



115 Series
Capacity to 2000 105



315 Series
Capacity to 4100 106



415/615 Series
Capacity to 12000 107



850 Series
Capacity to 30000 108

Standard Kingpin Style



272/281 Series
Capacity up to 12000..... 109



290-293 Series
Capacity up to 7500..... 110



295 Series
Capacity up to 17000..... 111

Aviation Ground Equipment Style



298 Series
Capacity up to 20000..... 112

What are the Advantages of Albion's Dual Wheels?

- Higher load ratings with low overall heights
- Better product stability for safer footprint
- Maintain higher load ratings with softer wheel options – providing added floor and equipment protection

216

Cantilever-Style Dual Wheel Casters

CAPACITY TO 900



Premium Quality

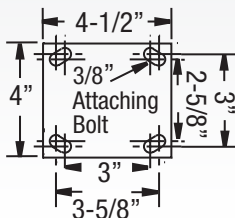


Environmentally Friendly



In most instances, these casters offer greater capacity, while maintaining the lowest possible overall height. Differential action helps to reduce scrubbing when changing directions. Because they are made from the single wheel caster rig, cantilever-style dual wheel casters can be field built.

MOUNTING OPTION



CANTILEVER KITS

Kit Number*	For Series	Axle Part Number Only
CK216000	16, 62, 71 and 72	ZJ08120004

Transform your standard 16, 62, 71 or 72 Series rig into a Dual Wheel caster with this field installable Cantilever Kit. *Kit includes the axle, nut, and spacers required to mount two wheels on a standard rig.

Field installable kits also available! See cantilever kits above.

FEATURES

- **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
- **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 Oilex bearings
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle on straight roller and Delrin bearing wheels
- See 16 Series section for additional features
- Alternate or custom caster configurations available
- Note: 216 Series is a dual wheel 16 Series

BEARING OPTIONS



Straight Roller (01)



Pedestal Precision (29)

RIG OPTIONS

- **Swivel Lock** (welded) specify **L**
- **Foot operated field installable** swivel lock specify **SL160002**

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

Wheel Diameter (Inches)		Tread Width (Inches)	Capacity (Lbs) (Based on minimal separation)	Overall Height (Inches)	Swivel Lead (Inches)	Swivel Radius (Inches)	Approx. Wt. (Lbs)	Wheel Type	Base Caster Number+ Roller Bearing (01)
216 Cantilever-Style Dual Wheel									
3 1/4	1 1/2	680	4 1/4	13/4	45/8	53/4		Mold-on Rubber/Iron	216MH03101
3 1/4	1 1/2	840	4 1/4	13/4	45/8	5 1/2		Polyurethane/Iron	216PY03101
3 1/4	1 1/2	900	4 1/4	13/4	45/8	5 1/4		Phenolic	216TM03101
4	1 1/2	340	5 5/8	13/4	47/8	6 1/2		Soft Rubber	216RR04101
4	1 1/2	500	5 5/8	13/4	47/8	8		Mold-on Rubber/Iron	216MR04101
4	1 1/2	500	5 5/8	13/4	47/8	6		Mold-on Rubber/Alu.	216MD04101
4	1 1/2	800	5 5/8	13/4	47/8	5 1/2		Polypropylene	216PB04101
4	1 1/2	900	5 5/8	13/4	47/8	5 3/4		Phenolic	216TM04101
4	1 1/2	900	5 5/8	13/4	47/8	5 3/4		Polyurethane/Alum.	216PD04101
5	1 1/2	480	6 1/2	15/8	5 1/4	7 1/2		Soft Rubber	216RR05101
5	1 1/2	600	6 1/2	15/8	5 1/4	8 1/2		Mold-on Rubber/Iron	216MR05101
5	1 1/2	600	6 1/2	15/8	5 1/4	6 1/2		Mold-on Rubber/Alu.	216MD05101
5	1 1/2	900	6 1/2	15/8	5 1/4	6 1/4		Polypropylene	216PB05101
5	1 1/2	900	6 1/2	15/8	5 1/4	6 1/2		Phenolic	216TM05101
5	1 1/2	900	6 1/2	15/8	5 1/4	6 1/4		Polyurethane/Alum.	216PD05101
6	1 1/2	540	7 1/4	15/8	5 3/4	9		Soft Rubber	216RR06101
6	1 1/2	900	7 1/4	15/8	5 3/4	7		Polypropylene	216PB06101
6	1 1/2	900	7 1/4	15/8	5 3/4	7		Phenolic	216TM06101
6	1 1/2	900	7 1/4	15/8	5 3/4	12		Polyurethane/Alum.	216PY06101
8	1 1/2	720	9 1/2	15/8	5 3/4	12		Soft Rubber	216RR08101

See 16 Series section on pages 24-26 for wheel appearance and descriptions.

216 CANTILEVER STYLE • CAPACITY TO 900

DUAL WHEEL CASTERS

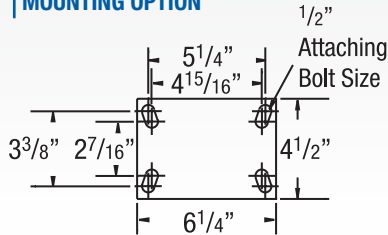
263 Cantilever-Style Dual Wheel Casters

CAPACITY TO 2000



In most instances, these casters offer greater capacity, while maintaining the lowest possible overall height. Differential action helps to reduce scrubbing when changing directions. Because they are made from the single wheel caster rig, cantilever-style dual wheel casters can be field built.

MOUNTING OPTION



CANTILEVER KITS

Kit Number*	For Series	Axle Part Number Only
CK263000	63	ZJ08120004

Transform your standard 63 Series rig into a Dual Wheel caster with this field installable Cantilever Kit. *Kit includes the axle, nut, and spacers required to mount two wheels on a standard rig.

Field installable kits also available! See cantilever kits above.



Premium Quality



Environmentally Friendly

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.
- See 63 Series section for features and mounting options
- Alternate or custom caster configurations available
- Note: 263 Series is a dual wheel 63 Series

BEARING OPTIONS



Straight Roller (01)



Pedestal Precision (29)

RIG OPTIONS

- **Face Contact Brake** specify **F**
- **Swivel Lock** (welded) specify **L**

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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rating for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Swivel Radius (Inches)	Approx. Wt. (Lbs)	Wheel Type	Base Caster Number+ Roller Bearing (01)
263 Cantilever-Style Dual Wheel								
4	2	700	6	2 1/4	5 7/8	14	Mold-on Rubber/Iron	263MR04201
4	2	700	6	2 1/4	5 7/8	12	Mold-on Rubber/Alum.	263MD04201
4	2	700	6	2 1/4	5 7/8	10	X-tra Soft Rubber Flat Tread	263XS04201
4	2	1600	6	2 1/4	5 7/8	10 3/4	Phenolic	263TM04201
4	2	1600	6	2 1/4	5 7/8	10 3/4	Maxim	263NG04201
4	2	1400	6	2 1/4	5 7/8	10	Polyurethane/Alum.	263PD04201
4	2	1200	6	2 1/4	5 7/8	10	Polyurethane/Poly	263XA04201
5	2	600	6 1/2	2 1/4	6 3/4	11	White Nylon	263NW05201
5	2	750	6 1/2	2 1/4	6 3/4	13	X-tra Soft Rubber Flat Tread	263XS05201
5	2	800	6 1/2	2 1/4	6 3/4	14 1/4	Mold-on Rubber/Iron	263MR05201
5	2	800	6 1/2	2 1/4	6 3/4	13	Mold-on Rubber/Alum.	263MD05201
5	2	2000	6 1/2	2 1/4	6 3/4	12	Phenolic	263TM05201
5	2	2000	6 1/2	2 1/4	6 3/4	12	Maxim	263NG05201
5	2	2000	6 1/2	2 1/4	6 3/4	12	Polyurethane/Alum.	263PD05201
5	2	1300	6 1/2	2 1/4	6 3/4	11	Polypropylene	263PB05201
5	2	1500	6 1/2	2 1/4	6 3/4	11	Polyurethane/Poly	263XA05201
5	2	2000	6 1/2	2 1/4	6 3/4		Cast Iron (Heavy Duty)	263CH05201
5	2	2000	6 1/2	2 1/4	6 3/4	11	X-treme™ Solid Poly	263XI05201
6	2	820	7 1/2	2 1/4	6 3/4	18	Mold-on Rubber/Iron	263MR06201
6	2	820	7 1/2	2 1/4	6 3/4	14	Mold-on Rubber/ Alum.	263MD06201
6	2	900	7 1/2	2 1/4	6 3/4	11	White Nylon	263NW06201
6	2	900	7 1/2	2 1/4	6 3/4	14	X-tra Soft Round Tread	263XR06201
6	2	1200	7 1/2	2 1/4	6 3/4	14	X-tra Soft Flat Tread	263XS06201
6	2	2000	7 1/2	2 1/4	6 3/4	14	Phenolic	263TM06201
6	2	2000	7 1/2	2 1/4	6 3/4	14	Maxim	263NG06201
6	2	2000	7 1/2	2 1/4	6 3/4	13 3/4	Polyurethane/Alum.	263PD06201
6	2	1500	7 1/2	2 1/4	6 3/4	11	Polypropylene	263PB06201
6	2	1400	7 1/2	2 1/4	6 3/4	12	Polyurethane/Poly	263XA06201
6	2	2000	7 1/2	2 1/4	6 3/4	18	Cast Iron (Heavy Duty)	263CH06201
6	2	2000	7 1/2	2 1/4	6 3/4	12	X-treme™ Solid Poly	263XI06201
8	2	1000	10-1/8	2-1/4	7 1/2	21 1/2	Mold-on Rubber/Iron	263MR08201
8	2	1000	10-1/8	2-1/4	7 1/2	16	Mold-on Rubber/Alum.	263MD08201
8	2	1100	10-1/8	2-1/4	7 1/2	13	White Nylon	263NW08201
8	2	1200	10-1/8	2-1/4	7 1/2	16	X-tra Soft Round Tread	263XR08201
8	2	1350	10-1/8	2-1/4	7 1/2	16	X-tra Soft Flat Tread	263XS08201
8	2	2000	10-1/8	2-1/4	7 1/2	17	Phenolic	263TM08201
8	2	2000	10-1/8	2-1/4	7 1/2	17	Maxim	263NG08201
8	2	2000	10-1/8	2-1/4	7 1/2	14	Polyurethane/Alum.	263PD08201
8	2	2000	10-1/8	2-1/4	7 1/2	13	Polypropylene	263PB08201
8	2	2000	10-1/8	2-1/4	7 1/2		Cast Iron (Heavy Duty)	263CH08201
8	2	2000	10-1/8	2-1/4	7 1/2	14	X-treme™ Solid Poly	263XI08201

See 63 Series section on page 30 for wheel appearance and descriptions.

281

Cantilever-Style Dual Wheel Casters

CAPACITY TO 2000



Premium Quality



Environmentally Friendly

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
- See 81 Series section for features and mounting options
- Alternate or custom caster configurations available
- Note: 281 Series is a dual wheel 81 Series

BEARING OPTIONS



Straight Roller (05)



Precision Ball (28)

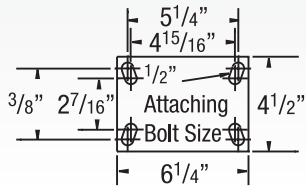
RIG OPTIONS

- **Face Contact Brake** specify **F**
- **Swivel Lock** (welded) specify **L**

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

In most instances, these casters offer greater capacity, while maintaining the lowest possible overall height. Differential action helps to reduce scrubbing when changing directions. Because they are made from the single wheel caster rig, cantilever-style dual wheel casters can be field built.

MOUNTING OPTION



CANTILEVER KITS

Kit Number*	For Series	Axle Part Number Only
CK281000	81	ZJ121610

Transform your standard 81 Series rig into a Dual Wheel caster with this field installable Cantilever Kit. *Kit includes the axle, nut, and spacers required to mount two wheels on a standard rig

Field installable kits also available! See cantilever kits above.

Transform your standard 63 Series rig into a Dual Wheel caster with this field installable Cantilever Kit. *Kit includes the axle, nut, and spacers required to mount two wheels on a standard rig.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on minimal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Swivel Radius (Inches)	Approx. Wt. (Lbs)	Wheel Type	Base Caster Number+ Roller Bearing (05), Precision Ball (28)
281 Cantilever-Style Dual Wheel								
6	2-1/2	1080	7 ⁵ / ₈	1 1/2	6-5/8	28 1/2	Mold-on Rubber/Iron	281MR06405
6	2-1/2	2000	7 ⁵ / ₈	1 1/2	6-5/8	17 3/4	Phenolic	281TM06405
6	2-1/2	2000	7 ⁵ / ₈	1 1/2	6-5/8	26 3/4	Polyurethane/Iron	281PY06405
6	2-1/2	2000	7 ⁵ / ₈	1 1/2	6-5/8	26 3/4	Vulkollan/Iron	281VY06405
6	2-1/2	2000	7 ⁵ / ₈	1 1/2	6-5/8	26 3/4	Thick Tread Vulkollan/Iron	281VX06405
6	2-1/2	2000	7 ⁵ / ₈	1 1/2	6-5/8		Cast Iron	281CA06405
6	2-1/2	2000	7 ⁵ / ₈	1 1/2	6-5/8		Trinonix™	281NX06428
8	2-1/2	1700	10 1/8	2 1/4	7 7/8	29 1/4	Mold-on Rubber/Iron	281MR08405
8	2-1/2	2000	10 1/8	2 1/4	7 7/8	20 1/2	Phenolic	281TM08405
8	2-1/2	2000	10 1/8	2 1/4	7 7/8	34	Polyurethane/Iron	281PY08405
8	2-1/2	2000	10 1/8	2 1/4	7 7/8	34	Vulkollan/Iron	281VY08405
8	2-1/2	2000	10 1/8	2 1/4	7 7/8	34	Thick Tread Vulkollan/Iron	281VX08405
8	2-1/2	2000	10 1/8	2 1/4	7 7/8		Cast Iron	281CA08405
8	2-1/2	2000	10 1/8	2 1/4	7 7/8		Trinonix™	281NX08428
10	2-1/2	1580	11 1/2	2 1/2	9	35	Mold-on Rubber/Iron	281MR10405
10	2-1/2	2000	11 1/2	2 1/2	9	24 1/2	Phenolic	281TM10405
10	2-1/2	2000	11 1/2	2 1/2	9	40	Polyurethane/Iron	281PY10405
10	2-1/2	2000	11 1/2	2 1/2	9	40	Vulkollan/Iron	281VY10405
10	2-1/2	2000	11 1/2	2 1/2	9	40	Thick Tread Vulkollan/Iron	281VX10405
10	2-1/2	2000	11 1/2	2 1/2	9		Cast Iron	281CA10405
10	2-1/2	2000	11 1/2	2 1/2	9		Trinonix™	281NX10428
12	2-1/2	1800	13 1/2	3	10 1/4	42	Mold-on Rubber/Iron	281MR12405
12	2-1/2	2000	13 1/2	3	10 1/4	31 1/4	Phenolic	281TM12405
12	2-1/2	2000	13 1/2	3	10 1/4	51	Polyurethane/Iron	281PY12405
12	2-1/2	2000	13 1/2	3	10 1/4		Cast Iron	281CA12405

See 81 Series section on pages 60-61 for wheel appearance and descriptions.

290 295

Cantilever-Style Dual Wheel Casters

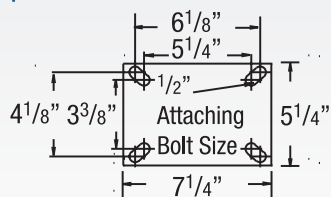
CAPACITY TO 8000

290 Polyurethane/
Iron



In most instances, these casters offer greater capacity, while maintaining the lowest possible overall height. Differential action helps to reduce scrubbing when changing directions. Because they are made from the single wheel caster rig, cantilever-style dual wheel casters can be field built.

MOUNTING OPTION



CANTILEVER KITS

Kit Number*	For Series	Axle Part Number Only
290 Kit ZJ121600	90	ZJ121600
295 Kit CK295000	95	ZJ201200

Transform your standard 90 or 95 Series rig into a Dual Wheel caster with this field installable Cantilever Kit.
*Kit includes the axle, nut, and spacers required to mount two wheels on a standard rig.

295 Phenolic



Field installable kits also available! See cantilever kits above.



Premium Quality



Environmentally Friendly

FEATURES

- 290 Series is a dual wheel version of our popular 90 Series. For full rig specifications, please see page 62.
- 295 Series is a dual wheel version of our popular 95 Series. For full rig specifications, please see page 72.

RIG OPTIONS

- **Face Contact Brake** specify **F**
- **Swivel Lock** (welded) specify **L**

BEARING OPTIONS



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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Swivel Radius (Inches)	Approx. Wt. (Lbs)	Wheel Type	Base Caster Number+ Roller (01), Precision Ball (28)
290 Cantilever-Style Dual Wheel								
8	3	1700	10 1/2	2 1/2	8 1/2	37 3/4	Mold-on Rubber/Iron	290MR08501
8	3	3500	10 1/2	2 1/2	8 1/2	28 1/4	Phenolic	290TM08501
8	3	2000	10 1/2	2 1/2	8 1/2		X-treme™ Plus Solid Poly	290XP08528
8	3	3500	10 1/2	2 1/2	8 1/2	45 1/4	Polyurethane/Iron	290PY08501
8	3	3500	10 1/2	2 1/2	8 1/2	45 1/4	Vulkollan/Iron	290VY08501
8	3	3500	10 1/2	2 1/2	8 1/2	45 1/4	Thick Tread Polyurethane/Iron	290PX08501
8	3	3500	10 1/2	2 1/2	8 1/2	45 1/4	Thick Tread Vulkollan/Iron	290VX08501
8	3	3500	10 1/2	2 1/2	8 1/2	45 1/4	Trionix™	290NX08528
10	3	2000	12 1/2	2 1/2	9 1/4	48	Mold-on Rubber/Iron	290MR10501
10	3	3500	12 1/2	2 1/2	9 1/4	34	Phenolic	290TM10501
10	3	2500	12 1/2	2 1/2	9 1/4	34	X-treme™ Plus Solid Poly	290XP10528
10	3	3500	12 1/2	2 1/2	9 1/4	51 1/2	Polyurethane/Iron	290PY10501
10	3	3500	12 1/2	2 1/2	9 1/4	51 1/2	Vulkollan/Iron	290VY10501
10	3	3500	12 1/2	2 1/2	9 1/4	51 1/2	Thick Tread Polyurethane/Iron	290PX10501
10	3	3500	12 1/2	2 1/2	9 1/4	51 1/2	Thick Tread Vulkollan/Iron	290VX10501
10	3	3500	12 1/2	2 1/2	9 1/4	51 1/2	Trionix™	290NX10528
12	3	2280	15 1/2	2 1/2	10 1/8	54	Mold-on Rubber/Iron	290MR12501
12	3	3500	15 1/2	2 1/2	10 1/8	38 1/2	Phenolic	290TM12501
12	3	3500	15 1/2	2 1/2	10 1/8	74 1/2	Polyurethane/Iron	290PY12501
12	3	3500	15 1/2	2 1/2	10 1/8	74 1/2	Thick Tread Polyurethane/Iron	290PX12501
295 Cantilever-Style Dual Wheel								
8	4	7000	11	2 1/4	10 1/4	88	Polyurethane/Iron	295PY08701
10	4	8000	13	2 1/2	11	102	Polyurethane/Iron	295PY10701
12	3 1/2	8000	15 1/2	2 1/2	11 3/4	105	Polyurethane/Iron	295PY12601
12	3 1/2	8000	15 1/2	2 1/2	12	86	Phenolic	295TM12601
12	4	8000	15 1/2	2 1/2	12	108	Polyurethane/Iron	295PY12701

See 90 Series section on pages 62-63 for wheel appearance and descriptions.

See 95 Series section on pages 72-74 for wheel appearance and descriptions.

115 Kingpinless Dual Wheel Casters

CAPACITY TO 2000

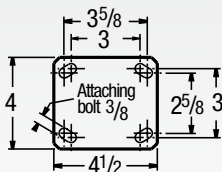


The 115 Series is a dual wheel version of our popular 110 Contender Kingpinless Series, with the addition of a third full leg for even greater durability. This remarkably durable dual wheel series provides easy turning and a sturdy footprint you can rely on.

TYPICAL APPLICATIONS

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

MOUNTING OPTIONS Standard Plate



SWIVEL CROSS SECTION



Drive lasting results with

CG-MAX EFFICIENCY WHEEL™



WHEEL SELECTION



CG-MAX
Orange or Maroon Maximum Efficiency Wheels



PM
Polyurethane Round Tread on Aluminum Core (Green)



PD
Polyurethane on Aluminum Core



PF
Polyurethane on Heavy Duty Cast Iron Core



NX
Trionix™ High Impact Polymer



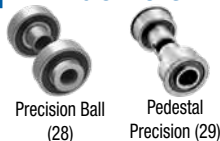
TM
Phenolic



FEATURES

- **Dual Wheel:** 115 series is similar to 110 Series Contender, but adds a wheel and a fork leg for extra strength
- **3 Year warranty**
- **Top Plate:** 5/16" AISI 1045 steel welded and heat treated for longer life
- **Yoke Base:** Notched AISI 1045 steel with extra leg for greater durability.
- **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



RIG OPTIONS

- **Optional swivel leads** of 2-1/4" 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.



PLB Integrated Brake specify (6" & 8" diameter models only) **PLB**

Poly Cam Integrated Brake specify **P**



Add **TO** to end of Caster Number to specify integrated toe guard. Standard model toe guards are 1/2" from floor

SWIVEL LOCKS



Hand Operated Swivel Lock specify **L**

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

115 Kingpinless Dual Wheel						Base Swivel Caster Number Precision Ball (28)	Base Swivel Caster Number Pedestal Precision Ball (29)
Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Wheel Type		
4	2	1600	5 3/4	1.188	CG-MAX Polyurethane (Orange)	115AN04228S	
4	2	1600	5 3/4	1.188	CG-MAX Polyurethane (Maroon)	115AX04228S	
4	2	1600	5 3/4	1.188	Phenolic		115TM04229S
4	2	1400	5 3/4	1.188	Polyurethane on Aluminum		115PD04229S
4	2	2000	5 3/4	1.188	Trionix™ High Impact Polymer	115NX04228S	
5	2	2000	6 3/4	1.5	CG-MAX Polyurethane (Orange)	115AN05228S	
5	2	2000	6 3/4	1.5	CG-MAX Polyurethane (Maroon)	115AX05228S	
5	2	2000	6 3/4	1.5	Round Polyurethane on Alum. (Green)	115PM05228S	
5	2	2000	6 3/4	1.5	Polyurethane on Aluminum		115PD05229S
5	2	2000	6 3/4	1.5	Phenolic		115TM05229S
5	2	2000	6 3/4	1.5	Trionix™ High Impact Polymer	115NX05228S	
6	2	2000	7 3/4	1.563	CG-MAX Polyurethane (Orange)	115AN06228S	
6	2	2000	7 3/4	1.563	CG-MAX Polyurethane (Maroon)	115AX06228S	
6	2	2000	7 3/4	1.563	Round Polyurethane on Alum. (Green)	115PM06228S	
6	2	2000	7 3/4	1.563	Polyurethane on Aluminum		115PD06229S
6	2	2000	7 3/4	1.563	Polyurethane on Heavy Duty Cast Iron	115PF06228S	
6	2	2000	7 3/4	1.563	Phenolic		115TM06229S
6	2	2000	7 3/4	1.563	Trionix™ High Impact Polymer	115NX06228S	
8	2	2000	10 1/8	2.250	CG-MAX Polyurethane (Orange)	115AN08228S	
8	2	2000	10 1/8	2.250	CG-MAX Polyurethane (Maroon)	115AX08228S	
8	2	2000	10 1/8	2.250	Round Polyurethane on Alum. (Green)	115PM08228S	
8	2	2000	10 1/8	2.250	Polyurethane on Aluminum		115PD08229S
8	2	2000	10 1/8	2.250	Polyurethane on Heavy Duty Cast Iron	115PF08228S	
8	2	2000	10 1/8	2.250	Phenolic		115TM08229S
8	2	2000	10 1/8	2.250	Trionix™ High Impact Polymer	115NX08228S	

See 110 Series section for wheel appearance and descriptions.

315

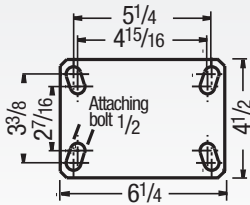
Kingpinless Dual Wheel Casters CAPACITY TO 4100

Made in the **USA**



The 315 Series is a dual wheel version of our popular 310 Contender Kingpinless Series, with the addition of a third full leg for even greater durability. This remarkably durable dual wheel series provides easy turning and a sturdy footprint you can rely on.

MOUNTING OPTION



SWIVEL CROSS SECTION



Premium Quality



Environmentally Friendly



Towing[^]

FEATURES

- New laser-cut steel rigs and many wheels now **Made in the USA**
- **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:** 1/2" diameter axle for 6" and 8" models, 3/4" diameter axle for 10" and 12" models
- **Finish:** RoHS Zinc plating, for greater corrosion resistance than paint
- See 310 Series section for features and mounting options.
- Alternate or custom caster configurations available
- Note: 315 Series is a dual wheel 310 Series

RIG OPTIONS



PLB Integrated specify **PLB**

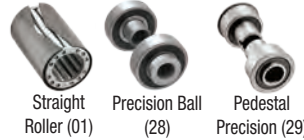


Hand Operated Swivel Lock specify **L**



Add **TOE** to end of Caster Number to specify integrated toe guard. Standard model toe guards are 1/2" from floor.

BEARING OPTIONS



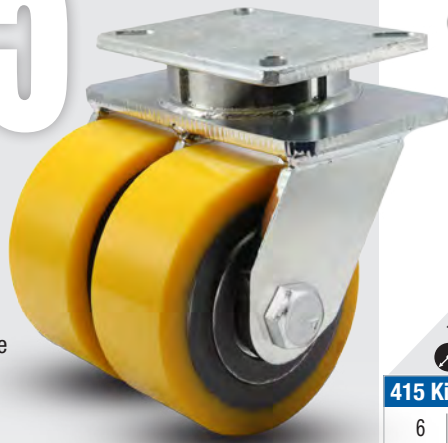
+ For swivel models add "S", for rigid model add "R" to end of base caster number.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Wheel Type	Base Caster Number+ Roller Bearing (01), Precision Ball (28)
315 Kingpinless Dual Wheel						
6	2	1200	8.00	1.56	X-tra Soft Rubber Flat Tread	315XS06201
6	2	4100	8.00	1.56	Drop Forged	315FS06201
6	2	4100	8.00	1.56	Cast Iron	315CA06201
6	2	2000	8.00	1.56	Phenolic	315TM06201
6	2	2000	8.00	1.56	Polyurethane/Aluminum	315PD06201
6	2	2000	8.00	1.56	Polyurethane/Iron	315PY06201
6	2	2000	8.00	1.56	Polyurethane Round Tread	315PM06228
6	2	2000	8.00	1.56	Cast Iron (Heavy Duty)	315CH06201
6	2	2000	8.00	1.56	Trionix™	315NX06228
8	2	1350	10.13	2.13	X-tra Soft Rubber Flat Tread	315XS08201
8	2	2000	10.13	2.13	Cast Iron	315CA08201
8	2	2000	10.13	2.13	Phenolic	315TM08201
8	2	2000	10.13	2.13	Polyurethane/Aluminum	315PD08201
8	2	2000	10.13	2.13	Polyurethane/Iron	315PY08201
8	2	2000	10.13	2.13	Polyurethane (Round Tread)	315PM08228
8	2	2000	10.13	2.13	Trionix™	315NX08228
8	2	2000	10.13	2.13	Cast Iron (Heavy Duty)	315CH08201
10	3	4100	12.00	2.25	Drop Forged	315FS10501
10	3	4100	12.00	2.25	Cast Iron	315CA10501
10	3	4100	12.00	2.25	Phenolic	315TM10501
10	3	4100	12.00	2.25	Polyurethane/Iron	315PY10501
10	3	4100	12.00	2.25	Trionix™	315NX10528
10	3	4100	12.00	2.25	Vulkollan	315VY10528
12	3	4100	14.00	2.69	Drop Forged	315FS12501
12	3	4100	14.00	2.69	Cast Iron	315CA12501
12	3	4100	14.00	2.69	Phenolic	315TM12501
12	3	4100	14.00	2.69	Polyurethane/Iron	315PY12501
12	3	4100	14.00	2.69	Polyurethane/Iron	315PX12501

415 615

Kingpinless Dual Wheel Casters CAPACITY TO 12000

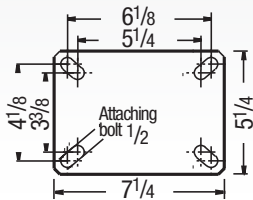
Made in the USA



415 Polyurethane on Iron (PF)

The 415 and 615 Series are dual wheel versions of our popular 410 and 610 Contender Kingpinless Series, with the addition of a third full leg for even greater durability. These remarkably durable dual wheel series provide easy turning and a sturdy footprint you can rely on.

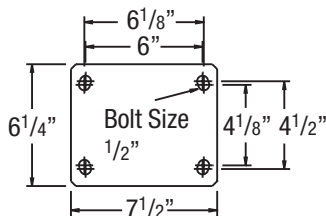
415 MOUNTING OPTION



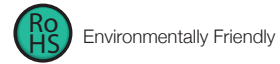
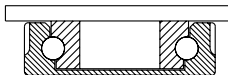
415 SWIVEL CROSS SECTION



615 MOUNTING OPTION



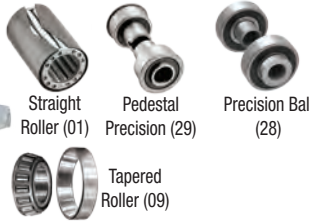
615 SWIVEL CROSS SECTION



FEATURES

- New laser-cut steel rigs and many wheels now **Made in the USA**
- See 410 (page 50) and 610 Series section (page 52) for features and mounting options

BEARING OPTIONS



RIG OPTIONS



PLB Integrated specify **PLB**

Hand Operated Swivel Lock specify **L**



Add **TOE** to end of Caster Number to specify integrated toe guard. Standard model toe guards are 1/2" from floor

+ 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)	Wheel Type	Base Caster Number+ Roller Bearing (01), Precision Ball (28)	Base Caster Number+ Tapered Roller Bearing (09)
415 Kingpinless Dual Wheel							
6	3	4000	8	2.25	Phenolic	415TM06501	415TM06509
6	3	4080	8	2.25	Polyurethane/Iron (Green)	415PY06501	415PY06509
6	3	5400	8	2.25	Cast Iron	415CA06501	415CA06509
6	3	5400	8	2.25	Trionix™	415NX06528	
6	3	5400	8	2.25	Polyurethane/Iron (Yellow)	415PF06528	
8	3	1800	10 1/2	2.75	Mold-on Rubber/Iron	415MR08501	415MR08509
8	3	5040	10 1/2	2.75	Polyurethane/Iron (Green)	415PY08501	415PY08509
8	3	5400	10 1/2	2.75	Polyurethane/Iron (Yellow)	415PF08528	
8	3	5000	10 1/2	2.75	Phenolic	415TM08501	415TM08509
8	3	5400	10 1/2	2.75	Cast Iron	415CA08501	415CA08509
8	3	5400	10 1/2	2.75	Trionix™	415NX08528	
10	3	2000	12 1/2	3.38	Mold-on Rubber/Iron	415MR10501	415MR10509
10	3	5400	12 1/2	3.38	Polyurethane/Iron (Green)	415PY10501	415PY10509
10	3	5400	12 1/2	3.38	Polyurethane/Iron (Yellow)	415PF10528	
10	3	5400	12 1/2	3.38	Phenolic	415TM10501	415TM10509
10	3	5400	12 1/2	3.38	Cast Iron	415CA10501	415CA10509
10	3	5400	12 1/2	3.38	Trionix™	415NX10528	
12	3	5400	15 1/2	4.13	Polyurethane/Iron (Green)	415PY12501	415PY12506
12	3	5400	15 1/2	4.13	Polyurethane/Iron (Yellow)	415PF12528	
12	3	5400	15 1/2	4.13	Phenolic	415TM12501	415TM12509
12	3	5400	15 1/2	4.13	Cast Iron	415CA12501	415CA12509

See 410 Series section on pages 50-51 for wheel appearance and descriptions.

615 Kingpinless Dual Wheel

6	3	7200	8 1/2	2 1/2	Trionix™	615NX06528	
6	3	7600	8 1/2	2 1/2	Polyurethane/Iron (Yellow)	615PF06528	
6	3	10000	8 1/2	2 1/2	Drop Forged	615FS06501	615FS06509
8	3	10000	10 1/2	2 1/2	Laminated Phenolic		615TL08509
8	3	5040	10 1/2	2 1/2	Polyurethane/Iron	615PH08501	615PY08509
8	3	7200	10 1/2	2 1/2	Trionix™	615NX08528	
8	3	8000	10 1/2	2 1/2	Polyurethane/Iron (Yellow)	61PF08528	
8	3	5040	10 1/2	2 1/2	Polyurethane/Iron	615PH08501	615PY08509
8	4	7000	10 1/2	2 1/2	Polyurethane/Iron	615PY08701	615PY08709
10	3	10000	12 1/2	2 1/2	Laminated Phenolic		615TL10509
10	3	6000	12 1/2	2 1/2	Polyurethane/Iron	615PH10501	615PY10509
10	3	7200	12 1/2	2 1/2	Trionix™	615NX10528	
10	3	8400	12 1/2	2 1/2	Polyurethane/Iron (Yellow)	615PF10528	
10	3	10000	12 1/2	2 1/2	Drop Forged	615FH10501	615FH10509
10	4	10000	12 1/2	2 1/2	Drop Forged		615FH10709
10	4	8400	12 1/2	2 3/4	Polyurethane/Iron	615PY10701	615PY10709
10	5	10000	12 1/2	2 3/4	Polyurethane/Iron	615PY10801	615PY10809
12	3	6840	15 1/2	2 1/2	Polyurethane/Iron	615PH12501	615PY12509
12	3-1/2	10000	15 1/2	2 1/2	Ductile Iron	615FM12601	615FM12609
12	3-1/2	10000	15 1/2	2 1/2	Laminated Phenolic	615TL12601	615TL12609
12	3-1/2	8220	15 1/2	2 1/2	Polyurethane/Iron	615PY12601	615PY12609
12	3-1/2	8000	15 1/2	2 1/2	Phenolic	615TM12601	615TM12609
12	4	9600	15 1/2	2 1/2	Polyurethane/Iron	615PY12701	615PY12709
12	5	12000	15 1/2	2 1/2	Polyurethane/Iron		615PY12809

See 610 Series section on pages 52-53 for wheel appearance and descriptions.

850

Shockmaster Kingpinless Dual Wheel Casters

CAPACITY TO 30000



Premium Quality



Environmentally Friendly



Towing[^]

FEATURES

- **Top Plate:** 3/4" thick AISI 1045 steel one-piece forging precision machined and through-hardened for long life
- **Yoke Base:** AISI 1045 steel forging welded using 100,000 psi weld filler to 3/4" thick adapter plate
- **Swivel Section:** 7/8" ball bearings mounted in a 7" diameter precision machined raceway. Zerk in swivel section
- **Legs:** 3/4" thick through-hardened 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 **NY850**
- Spring-loaded models available, consult factory. Single models available also

BRAKE OPTIONS

Face Contact specify **F**



Hand Operated Detachable Swivel Lock specify **L**



Hand Operated Swivel Lock specify **SL8000000**

BEARING OPTIONS



Straight Roller (01)



Tapered Roller (09)

This dual wheel caster has been designed with features tailored to meet the varied needs of the aviation ground support equipment industry. 850 Series are equally at home in many other extremely abusive and rugged applications.

TYPICAL APPLICATIONS

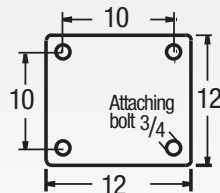
- Custom applications
- Towable transportation equipment
- Aircraft wing jacks and dollies
- Aircraft assembly fixtures
- Aircraft work platform stands

SWIVEL CROSS SECTION

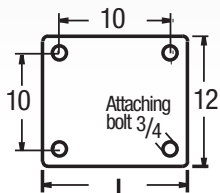


MOUNTING OPTION

Swivel Top Plate



Rigid Top Plate



- 10" for 3" Wide Wheels
- 15-3/8" for 4 to 5" Wide Wheels
- 17-1/4" for 6" Wide Wheels
- 23-1/4" for 9" Wide Wheels

+ 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)	Wheel Type	Base Caster Number+ Roller Bearing (01), Tapered Roller Bearing (09)
850 Shockmaster Kingpinless Dual Wheel						
6	3	30000	11	3 1/4	HD Drop Forged	850FH06509
10	4	30000	14 3/4	3 1/4	HD Drop Forged	850FH10709
12	4	3200	15 3/4	3 1/4	Moldon Rubber/Iron Core	850MR12701
12	4	9600	15 3/4	3 1/4	Polyurethane/Iron Core	850PY12701
12	4	9600	15 3/4	3 1/4	Thick Tread Polyurethane	850PX12701
12	4	9600	15 3/4	3 1/4	Press-on Polyurethane	850OG12709
12	4 1/2	6600	15 3/4	3 1/4	Thick Tread Polyurethane	850PX12801
12	5	12000	15 3/4	3 1/4	Polyurethane/Aluminum	850PA12909
12	6	15000	15 3/4	3 1/4		
16	4	4000	19 3/4	4 1/2	Moldon Rubber/Iron Core	850MR16701
16	4	11940	19 3/4	4 1/2	Polyurethane/Iron Core	850PY16701
16	4	11940	19 3/4	4 1/2	Thick Tread Polyurethane	850PX16701
16	5	5140	19 3/4	4 1/2	Moldon Rubber/Iron Core	850MR16801
16	5	15400	19 3/4	4 1/2	Polyurethane/Iron Core	850PY16801
16	5	15400	19 3/4	4 1/2	Thick Tread Polyurethane	850PX16801
18	5	5600	22	5 1/4	Moldon Rubber/Iron Core	850MR18801
18	5	16800	22	5 1/4	Polyurethane/Iron Core	850PY18801
18	5	10340	22	4 1/2	Press-on Polyurethane	850OG18809
18	9	20000	22	4 1/2	Press-on Polyurethane	850OG18909

WHEN FAILURE IS NOT AN OPTION...

The preferred caster for the aviation and group support industry – able to handle your most abusive application!

272 281

Standard Kingpin Dual Wheel Casters

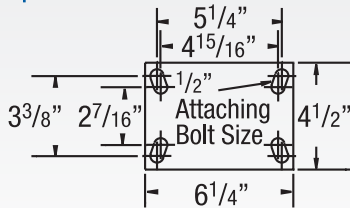
CAPACITY TO 2000



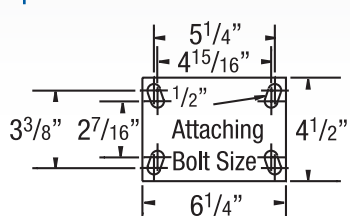
272 Cast Iron

Designed for greater capacity and better distribution of floor load with lowest possible overall height. These casters have differential action when changing direction, thus greatly reducing the scrubbing effect resulting from use of wide faced, small diameter wheels.

272 MOUNTING OPTION



281 MOUNTING OPTION



FEATURES

- See 72 and 81 Series section for features and mounting options.

(Note 272 Series is a dual wheel 72 Series, 281 is dual wheel 81 series)



281 Drop Forged Steel

BEARING OPTIONS



Straight Roller (01)

Precision Ball (28)



Premium Quality



Environmentally Friendly

+ 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)	Wheel Type	Base Caster Number+ Roller Bearing (01), Precision Ball (28)
272 Standard Kingpin Dual Wheel							
3 1/4	1 1/2	680	5 1/4	1 7/16	9	Mold-on Rubber/Iron	272MH03101
3 1/4	1 1/2	800	5 1/4	1 7/16	8 1/2	Cast Iron	272CA03101
3 1/4	1 5/8	840	5 1/4	1 7/16	8 1/2	Polyurethane/Iron	272PY03101
3 1/4	1 1/2	1200	5 1/4	1 7/16	8 1/2	Phenolic	272TM03101
4	1 1/2	500	5 5/8	1 7/16	9 1/4	Mold-on Rubber/Iron	272MR04101
4	1 1/2	500	5 5/8	1 7/16	9 1/2	Mold-on Rubber/Alum.	272MD04101
4	1 1/2	1200	5 5/8	1 7/16	11 1/2	Cast Iron	272CA04101
4	1 1/2	1200	5 5/8	1 7/16	9	Phenolic	272TM04101
4	1 1/2	1200	5 5/8	1 7/16	9	Polyurethane/Alum.	272PD04101
5	1 1/2	600	6 1/2	1 13/16	10	Mold-on Rubber/Iron	272MR05101
5	1 1/2	600	6 1/2	1 13/16	9 1/2	Mold-on Rubber/Alum.	272MD05101
5	1 1/2	1200	6 1/2	1 13/16	10	Phenolic	272TM05101
5	1 1/2	1200	6 1/2	1 13/16	13 1/4	Cast Iron	272CA05101
5	1 1/2	1440	6 1/2	1 13/16	9 3/4	Polyurethane/Alum.	272PD05101

See 72 Series section on page 33-34 for wheel appearance and descriptions.

281 Standard Kingpin Dual Wheel

4	1 1/2	2000	5 1/2	2 1/4	14	Drop Forged	281FS04101
4	2	700	5 1/2	2 1/4	10 1/2	Mold-on Rubber/Alum.	281MD04201
4	2	700	5 1/2	2 1/4	10 3/4	Mold-on Rubber/Iron	281MR04201
4	2	700	5 1/2	2 1/4	10 3/4	X-tra Soft Flat Tread	281XS04201
4	2	1200	5 1/2	2 1/4	10 1/2	Poly/Polypropylene	281XA04201
4	2	1400	5 1/2	2 1/4	14	Cast Iron	281CA04201
4	2	1600	5 1/2	2 1/4	10 1/4	Phenolic	281TM04201
4	2	1600	5 1/2	2 1/4	10 1/4	Maxim®	281NG04201
4	2	1400	5 1/2	2 1/4	10 1/2	Polyurethane/Alum.	281PD04201
4	2	2000	5 1/2	2 1/4		Trionix™	281NX04228
5	1 3/4	2000	6 1/2	2 1/4	16 1/4	Drop Forged	281FS05201
5	2	750	6 1/2	2 1/4	11 1/2	X-tra Soft Flat Tread	281XS05201
5	2	800	6 1/2	2 1/4	11 1/2	Mold-on Rubber/Iron	281MR05201
5	2	1500	6 1/2	2 1/4	9 1/2	Poly/Polypropylene	281XA05201
5	2	2000	6 1/2	2 1/4	18	Cast Iron	281CA05201
5	2	2000	6 1/2	2 1/4	11 1/4	Phenolic	281TM05201
5	2	2000	6 1/2	2 1/4	11 1/4	Maxim®	281NG05201
5	2	2000	6 1/2	2 1/4		Polyurethane/Iron	281PI05201
5	2	2000	6 1/2	2 1/4	10 3/4	Polyurethane/Alum.	281PD05201
5	2	2000	6 1/2	2 1/4	10 3/4	Round Tread Polyurethane/Alum.	281PM05228
5	2	2000	6 1/2	2 1/4	20	Cast Iron (Heavy Duty)	281CH05201
5	2	2000	6 1/2	2 1/4		Trionix™	281NX05228
6	2	820	7 1/2	2 1/4	12 3/4	Mold-on Rubber/Iron	281MR06201
6	2	1200	7 1/2	2 1/4	10	X-tra Soft Rubber Flat Tread	281XS06201
6	2	1800	7 1/2	2 1/4	10	Poly/Polypropylene	281XA06201
6	2	2000	7 1/2	2 1/4	20	Drop Forged	281FS06201
6	2	2000	7 1/2	2 1/4	20 1/4	Cast Iron	281CA06201
6	2	2000	7 1/2	2 1/4	11 3/4	Phenolic	281TM06201
6	2	2000	7 1/2	2 1/4	11 3/4	Maxim®	281NG06201
6	2	2000	7 1/2	2 1/4	13	Polyurethane/Alum.	281PD06201
6	2	2000	7 1/2	2 1/4		Polyurethane/Iron	281PI06201
6	2	2000	7 1/2	2 1/4	20	Polyurethane Round Tread	281PM06228
6	2	2000	7 1/2	2 1/4	21	Cast Iron (Heavy Duty)	281CH06201
6	2	2000	7 1/2	2 1/4		Trionix™	281NX06228
8	2	1000	10 1/8	2 1/4	13 3/4	Mold-on Rubber/Iron	281MR08201
8	2	1350	10 1/8	2 1/4	10 1/2	X-tra Soft Rubber Flat Tread	281XS08201
8	2	2000	10 1/8	2 1/4	14 1/4	Cast Iron	281CA08201
8	2	2000	10 1/8	2 1/4	16	Phenolic	281TM08201
8	2	2000	10 1/8	2 1/4	16	Maxim®	281NG08201
8	2	2000	10 1/8	2 1/4	25 1/4	Polyurethane/Alum.	281PD08201
8	2	2000	10 1/8	2 1/4		Polyurethane/Iron	281PI08201
8	2	2000	10 1/8	2 1/4	14	Polyurethane (Round Tread)	281PM08228
8	2	2000	10 1/8	2 1/4	10 1/4	Poly/Polypropylene	281XA08201
8	2	2000	10-1/8	2-1/4	15	Cast Iron (Heavy Duty)	281CH08201
8	2	2000	10-1/8	2-1/4	16	Trionix™	281NX08228

See 81 Series section on pages 60-61 for wheel appearance and descriptions.

290 292 293

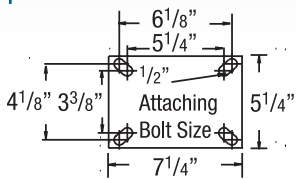
Standard Kingpin Dual Wheel Casters

CAPACITY TO 7500

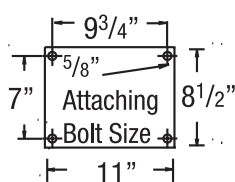


These series are designed for greater capacity and better distribution of floor load with lowest possible overall height. These casters have differential action when changing direction, thus greatly reducing the scrubbing effect resulting from use of wide faced, small diameter wheels.

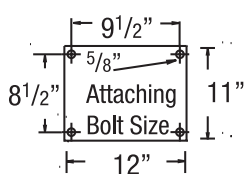
290 MOUNTING OPTION



292 MOUNTING OPTION



293 MOUNTING OPTION



FEATURES

- See 90 (page 62), 92 (page 64) and 93 (page 66) Series section for features and mounting options.

BEARING OPTIONS



Premium Quality



Environmentally Friendly

+ 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)	Wheel Type	Base Caster Number+ Roller Bearing (01), (05), Precision (28)	Base Caster Number+ Tapered Roller Bearing (09)
290 Standard Kingpin Dual Wheel								
6	2 1/2	1080	8	2 1/4	36 1/2	Mold-on Rubber/Iron	290MR06405	
6	2 1/2	3200	8	2 1/4	26 1/4	Phenolic	290TM06405	
6	2 1/2	3240	8	2 1/4	38	Polyurethane/Iron	290PY06405	
6	2 1/2	3500	8	2 1/4	37	Cast Iron	290CA06405	
6	2 1/2	3500	8	2 1/4		Trionix™	290NX06428	
8	2 1/2	1340	10 1/2	2 1/2	37 3/4	Mold-on Rubber/Iron	290MR08405	
8	2 1/2	3500	10 1/2	2 1/2	30 1/4	Polyurethane/Iron	290PY08405	
8	2 1/2	3500	10 1/2	2 1/2	42 3/4	Phenolic	290TM08405	
8	2 1/2	3500	10 1/2	2 1/2	44 1/2	Cast Iron	290CA08405	
8	2 1/2	3500	10 1/2	2 1/2		Trionix™	290NX08428	
10	2 1/2	1580	12 1/2	2 1/2	45	Mold-on Rubber/Iron	290MR10405	
10	2 1/2	3500	12 1/2	2 1/2	52 1/4	Polyurethane/Iron	290PY10405	
10	2 1/2	3500	12 1/2	2 1/2	34 1/2	Phenolic	290TM10405	
10	2 1/2	3500	12 1/2	2 1/2	53 1/4	Cast Iron	290CA10405	
10	2 1/2	3500	12 1/2	2 1/2		Trionix™	290NX10428	
12	2 1/2	1800	14	2 1/2	43	Mold-on Rubber/Iron	290MR12405	
12	2 1/2	3500	14	2 1/2	64 1/2	Polyurethane/Iron	290PY12405	
12	2 1/2	3500	14	2 1/2	61	Phenolic	290TM12405	
12	2 1/2	3500	14	2 1/2	51 3/4	Cast Iron	290CA12405	
292 Standard Kingpin Dual Wheel								
8	3	1680	11	3	62 1/2	Mold-on Rubber/Iron	292MR08501	292MR08509
8	3	2000	11	3		X-treme™ Plus Solid Poly	292XP08528	
8	3	4800	11	3	76	Drop Forged	292FS08501	292FS08509
8	3	4800	11	3	71	Polyurethane/Iron	292PY08501	292PY08509
8	3	4800	11	3	54	Phenolic	292TM08501	292TM08509
8	3	4800	11	3	62 3/4	Cast Iron	292CA08501	292CA08509
8	3	4800	11	3		Trionix™	292NX08528	
10	3	2000	12 7/8	3	67 3/4	Mold-on Rubber/Iron	292MR10501	292MR10509
10	3	4800	12 7/8	3	94 3/4	Drop Forged	292FS10501	292FS10509
10	3	4800	12 7/8	3	79 1/2	Polyurethane/Iron	292PY10501	292PY10509
10	3	4800	12 7/8	3	59	Phenolic	292TM10501	292TM10509
10	3	2500	12 7/8	3		X-treme™ Plus Solid Poly	292XP10528	
10	3	4800	12 7/8	3	73	Cast Iron	292CA10501	292CA10509
10	3	4800	12 7/8	3		Trionix™	292NX10528	
12	3	2280	14 7/8	3	78 1/2	Mold-on Rubber/Iron	292MR12501	292MR12509
12	3	4800	14 7/8	3	96	Polyurethane/Iron	292PY12501	292PY12509
12	3	4800	14 7/8	3	65 3/4	Phenolic	292TM12501	292TM12509
12	3	4800	14 7/8	3	84 1/4	Cast Iron	292CA12501	292CA12509
293 Standard Kingpin Dual Wheel								
10	4	2800	12 3/4	4	118 3/4	Mold-on Rubber/Iron	293MR10701	293MR10709
10	4	7500	12 3/4	4	126 1/2	Polyurethane/Iron	293PY10701	293PY10709
12	3-1/2	7500	15 3/4	4	150 1/2	Ductile Iron	293FM12601	293FM12609
12	3-1/2	7500	15 3/4	4	130 1/2	Polyurethane/Iron	293PY12601	293PY12609
12	3-1/2	7500	15 3/4	4	140 1/2	Cast Iron	293CA12601	293CA12609
12	4	3200	15 3/4	4	128 1/2	Mold-on Rubber/Iron	293MR12701	293MR12709
16	4	3980	19	4	170 1/2	Mold-on Rubber/Iron	293MR16701	
16	4	7500	19	4	209	Polyurethane/Iron	293PY16701	293PY16709
16	4	7500	19	4	145 1/2	Phenolic	293TM16701	
16	5	5140	19	4	196 1/2	Mold-on Rubber/Iron	293MR16801	
16	5	7500	19	4	237 1/2	Polyurethane/Iron	293PY16801	293PY16809
18	5	5600	21	4	244 1/4	Mold-on Rubber/Iron	293MR18801	

295 Standard Kingpin Dual Wheel Casters

CAPACITY TO 17000



Premium Quality



Environmentally Friendly

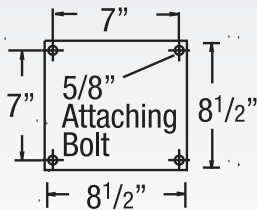
FEATURES

- **Top Plate and Yoke Base:** 5/8" thick AISI 1045 drop-forged steel for extended life
- **Swivel Load Bearings:** 7" diameter machined for smooth swivel 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
- See additional details of 95 BBL on page 72
- See additional details of 95 TRL on page 73
- Alternate or custom caster configurations available

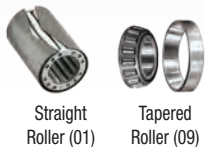
+ Swivel Caster Numbers shown; for rigid change SBBL to R in Caster Number.

295 Series is designed for greater capacity and better distribution of floor load with lowest possible overall height. These casters have differential action when changing direction, thus greatly reducing the scrubbing effect resulting from use of wide faced, small diameter wheels.

MOUNTING OPTION



BEARING OPTIONS



Straight Roller (O1)

Tapered Roller (O9)

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Wheel Type	Base Caster Number+ Roller Bearing (O1)	Base Caster Number+ Tapered Roller Bearing (O9)
295BBL Series (Ball Load Swivel Section)								
6	3	8000	9	2 1/4	83	Drop Forged	295FS06501SBBL	295FS06509SBBL
8	3	5000	11	2 1/2	56	Laminated Phenolic		295TL08509SBBL
8	3	5040	11	2 1/2	78	Polyurethane/Iron	295PH08501SBBL	295PY08509SBBL
8	4	7000	11	2 1/2	91	Polyurethane/Iron	295PY08701SBBL	295PY08709SBBL
10	3	5800	13	2 1/2	64	Laminated Phenolic		295TL10509SBBL
10	3	6000	13	2 1/2	87	Polyurethane/Iron	295PH10501SBBL	295PY10509SBBL
10	3	8000	13	2 1/2	120	Drop Forged	295FH10501SBBL	295FH10509SBBL
10	4	8000	13	2 1/2	136	Drop Forged		295FH10709SBBL
10	4	8000	13	2 3/4	104	Polyurethane/Iron	295PY10701SBBL	295PY10709SBBL
10	5	8000	13	2 3/4	127	Polyurethane/Iron	295PY10801SBBL	295PY10809SBBL
12	3	6840	15 1/2	2 1/2	105	Polyurethane/Iron	295PH12501SBBL	295PY12509SBBL
12	3-1/2	8000	15 1/2	2 1/2	128	Ductile Iron	295FM12601SBBL	295FM12609SBBL
12	3-1/2	8000	15 1/2	2 1/2	94	Laminated Phenolic	295TL12601SBBL	295TL12609SBBL
12	3-1/2	8000	15 1/2	2 1/2	108	Polyurethane/Iron	295PY12601SBBL	295PY12609SBBL
12	3-1/2	8000	15 1/2	2 1/2	94	Phenolic	295TM12601SBBL	295TM12609SBBL
12	4	8000	15 1/2	2 1/2	114	Polyurethane/Iron	295PY12701SBBL	295PY12709SBBL
12	5	8000	15 1/2	2 1/2	141	Polyurethane/Iron		295PY12809SBBL

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Wheel Type	Base Caster Number+ Roller Bearing (O1)	Base Caster Number+ Tapered Roller Bearing (O9)
295TRL Series (Precision Tapered Roller Bearing Swivel Section)								
6	3	17000	9	2 1/4	83	Drop Forged	295FS06501STRL	295FS06509STRL
8	3	5000	11	2 1/2	56	Laminated Phenolic		295TL08509STRL
8	3	5040	11	2 1/2	78	Polyurethane/Iron	295PY08501STRL	295PY08509STRL
8	4	7000	11	2 1/2	91	Polyurethane/Iron	295PY08701STRL	295PY08709STRL
10	3	5800	13	2 1/2	64	Laminated Phenolic		295TL10509STRL
10	3	6000	13	2 1/2	87	Polyurethane/Iron	295PH10501STRL	295PY10509STRL
10	3	17000	13	2 1/2	120	Drop Forged	295FH10501STRL	295FH10509STRL
10	4	8400	13	2 3/4	10	Polyurethane/Iron	295PY10701STRL	295PY10709STRL
10	4	17000	13	2 1/2	136	Drop Forged		295FH10709STRL
10	5	10000	13	2 3/4	127	Polyurethane/Iron	295PY10801STRL	295PY10809STRL
12	3	6840	15-1/2	2 1/2	105	Polyurethane/Iron	295PH12501STRL	295PY12509STRL
12	3-1/2	12000	15-1/2	2 1/2	128	Ductile Iron	295FM12601STRL	295FM12609STRL
12	3-1/2	8000	15-1/2	2 1/2	94	Laminated Phenolic	295TL12601STRL	295TL12609STRL
12	3-1/2	8000	15-1/2	2 1/2	94	Phenolic	295TM12601STRL	295TM12609STRL
12	3-1/2	8220	15-1/2	2 1/2	108	Polyurethane/Iron	295PY12601STRL	295PY12609STRL
12	4	9600	15-1/2	2 1/2	114	Polyurethane/Iron	295PY12701STRL	295PY12709STRL
12	5	12000	15-1/2	2 1/2	141	Polyurethane/Iron		295PY12809STRL

295 KINGPIN • CAPACITY TO 17000

DUAL WHEEL CASTERS

298

Aviation Ground Equipment Casters

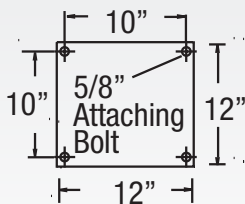
CAPACITY TO 20000



Optional Face Contact Brake Shown

Designed to meet the varied needs of the aviation ground support equipment industry, the 298 series sets the standards. Constructed with an oscillating, compensating wheel axle and cushion suspension leveling, these casters can stand up to even the most rigorous conditions. All optional features can be installed at the factory without an increase to order lead time. A spring assembly can be retrofitted at a later date; please consult factory. The swivel lock and face contact brake are field installable.

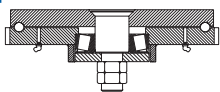
MOUNTING OPTION



TYPICAL APPLICATIONS

- Aviation work stands
- Hangar doors
- Fuel cell transport

SWIVEL CROSS SECTION



Premium Quality



Environmentally Friendly



Towing^

FEATURES

- **Top Plate and Yoke Base:** 1" thick 1045 AISI heat treated steel plate for superior strength
- **Swivel Raceways:** 1 1/2" diameter precision machined load raceway with 5/8" steel and tapered roller thrust bearing for easy swiveling
- **King Bolt:** 2" diameter bolt and nut heat treated for added strength
- **Legs:** 1/2" thick steel plate welded to form a box section column for maximum load capacity
- **Lubrication:** Zerk fittings in swivel section and wheel hub for ease of lubrication
- **Axle:** 2 1/2" oscillating axle precision machined at each end to accommodate 2" tapered bearings in wheel
- Alternate or custom caster configurations available

RIG OPTIONS

- **No Options** specify 001
- **Swivel lock** specify 002
- **Face contact brake** specify 003
- **Spring assembly** specify 004
- **Swivel lock and face contact brake** specify 005
- **Swivel lock and spring assembly** specify 006
- **Face contact brake and spring assembly** specify 007
- **Swivel lock, face contact brake and spring assembly** specify 008

BEARING OPTIONS



Tapered Roller (09)

WHEN FAILURE IS NOT AN OPTION...

The preferred caster for the aviation and group support industry – able to handle your most abusive application!

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Caster Number
Press-on Rubber (09 Tapered Roller Bearing)							
OA	12	4 1/2	4200	19	3 1/8	280	2980A12709S
	16 1/4	6	7800	21 5/16	3 1/8	320	2980A16909S
	18	9	13000	22	3 1/8	460	2980A18909S



	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Caster Number
Press-on Polyurethane (09 Tapered Roller Bearing)							
OG	12	4 1/2	6600	19	3 1/8	300	2980G12709S
	16 1/4	6	12000	21 5/16	3 1/8	340	2980G16909S
	18	9	20000	22	3 1/8	480	2980G18909S



PNEUMATIC CASTERS

CAPACITY RANGE 200-7260 LBS



272 Series
Pneumatic Caster

Common Applications:

- Indoor/Outdoor Carts
- Delicate Cargo Carts
- Outdoor Platforms & Stages
- Dollies
- Hospitality Carts
- Nursery Carts

Excellent for

- Uneven or Rough Surfaces
- Shock Absorption
- Floor and Cargo Protection



16/72 Series
Capacity to 540 114



94/95 Series
Capacity up to 3630..... 116



16/72/90 Series
Capacity to 1170 115



**272-295 Dual
Cantilever Series**
Capacity up to 7260..... 117

Let Freedom Roll!

When it was time to move the Liberty Bell ... only one caster company got the call!

ALBION®

PNEUMATIC CASTERS

16 72

Semi-Pneumatic Casters CAPACITY TO 540

Made in the USA



Premium Quality



Environmentally Friendly

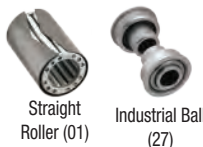
FEATURES

- **Steel Rigs:** 16 Series rigs now **Made in the USA** for added reliability
- **Swivel Casters:** Double ball bearing raceway
- **Shock Absorbing:** Extra Heavy Duty Cushion wheel protects equipment
- **No inflation problems** as these wheels are not pressurized; they are a solid center tire
- **Pressure Lubrication:** 6" diameter wheels must be lubricated thru hollow axle, as pressure fitting cannot be inserted in wheel hub

RIG OPTIONS

- **Swivel lock** specify **L**
- **Face contact brake** specify **F**
- **Foot activated swivel lock** specify **SL160001** (16 Series Model)
- **Sealed swivel** specify **NS**

BEARING OPTIONS



Straight Roller (01)

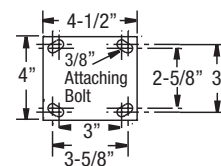
Industrial Ball (27)

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

These casters are recommended for light or medium duty dollies, bottlers trucks, hand trucks or other manually operated units and are suitable for extra heavy service. Semi-pneumatics are high profile, solid center cushion rubber tires mounted on stamped centers with lug base rims.

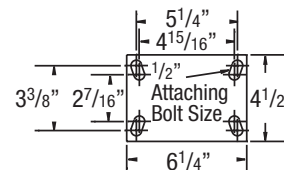
16

Wheel Diameter (Inches)	Tread Width/Type (Inches)	Capacity (Lbs) (Rate for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+ Ball Bearing (27)	Base Caster Number+ Roller Bearing (01)
16 Series Semi-Pneumatic							
6	2.00EHS	200	7 ³ / ₈	1 ³ / ₄	6 ¹ / ₄	16SN06227	16SN06201
8	2.50EHS	350	10	1-3/4	10 ³ / ₄	16SN08427	16SN08401



72

Wheel Diameter (Inches)	Tread Width/Type (Inches)	Capacity (Lbs) (Rate for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+ Ball Bearing (27)	Base Caster Number+ Roller Bearing (01)
72 Series Semi-Pneumatic							
10	2.75EHS	350	11 ¹ / ₂	3 ¹ / ₂	17	72SN10427	72SN10401
12	3.00EHS	540	14 ¹ / ₂	3 ¹ / ₂	22	72SN12527	72SN12501



16 72 90

Pneumatic Casters

CAPACITY TO 1170

Made in the USA



Premium Quality



Environmentally Friendly

FEATURES

- **Steel Rigs:** 16 Series rigs now **Made in the USA** for added reliability
- **Swivel Casters:** Double ball bearing raceway
- **Shock Absorbing:** Cushion wheel protects equipment
- **Bearings:** Ball or roller bearings

RIG OPTIONS

- **Swivel lock** specify **L**
- **Foot activated swivel lock** specify **SL160002** (16 Series Models)
- **Face contact brake** specify **F**
- **Sealed swivel** specify **NS**
- Foam fill available, consult factory
- Precision bearings available, consult factory
- For towed applications tapered bearings are recommended

BEARING OPTIONS



Straight Roller (01)

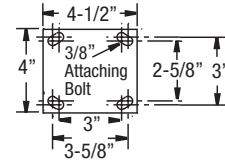
Industrial Ball (27)

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

Pneumatic casters are recommended for the greatest possible protection to both load and floor, or for off-road application. If you transport fragile materials or parts, or if you move delicate instruments over rough floors, you should consider this product offering. Full pneumatics cushion the load on air as does automobile or truck wheels.

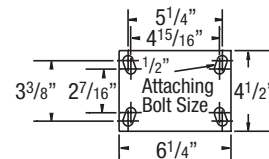
16

Wheel Diameter (Inches)	Tread Width/Type (Inches)	Capacity (Lbs) (Based for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+ Ball Bearing (27)	Base Caster Number+ Roller Bearing (01)
16 Series Pneumatic							
8	2.00/4	210	9 1/2	1 3/4		16SF08227	
8	2.50/4	220	10 1/8	1 3/4	7	16SF08427	16SF08401
8	2.80/4	295	11	2 5/8	9 1/2	16SF08527	16SF08501
10	4.10/4	350	13	3 1/4	11	16SF10627	16SF10601
12	4.10/4	445	15 1/2	3 1/2	14 1/4	16SF12727	16SF12701



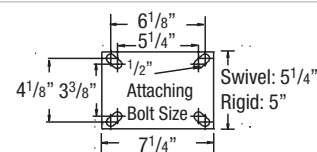
72

Wheel Diameter (Inches)	Tread Width/Type (Inches)	Capacity (Lbs) (Based for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+ Ball Bearing (27)	Base Caster Number+ Roller Bearing (01)
72 Series Pneumatic							
8	2.00/4	210	11	2 5/8		72SF08227	
8	2.80/4	295	11	2 5/8	12 3/4	72SF08527	72SF08501
10	4.10/4	350	13	3 1/4	14 1/4	72SF10627	72SF10601
12	4.10/6	445	15 1/2	3 1/2	17 1/2	72SF12727	72SF12701



90

Wheel Diameter (Inches)	Tread Width/Type (Inches)	Capacity (Lbs) (Based for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+ Ball Bearing (27)	Base Caster Number+ Roller Bearing (01)
90 Series Pneumatic							
14	5.30/6	785	17 3/4	4	29 1/4	90SF14827	90SF14801
16	4.80/8	1000	19 1/8	4 1/2	35 1/2		90SF16801
18	5.70/8	1170	21 1/4	5	41		90SF18901



16/72/90 SERIES • CAPACITY TO 1170

PNEUMATIC CASTERS

94 95

Pneumatic Casters CAPACITY TO 3630



FEATURES

- **Swivel Casters:** Hardened double ball bearing raceway with 1-1/4" tapered roller thrust bearing
- **Shock Absorbing:** Cushion wheel protects equipment
- **Pressure Lubrication** to all bearings

BEARING OPTIONS



Tapered Roller (09)



Premium Quality



Environmentally Friendly

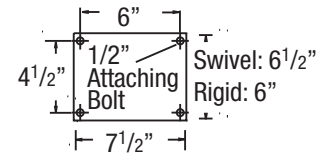
RIG OPTIONS

- **Swivel lock** specify **L**
- **Face contact brake** specify **F**
- **Sealed swivel** specify **NS**
- Foam fill available, consult factory

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

94

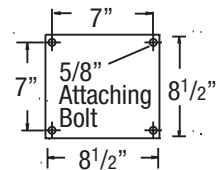
Wheel Diameter (Inches)	Tread Width/Type (Inches)	Capacity (Lbs) (Roller for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+ Tapered Roller Bearing (09)
94 Series Semi-Pneumatic						
16	4.80/8	1300	19 1/8	4	44 1/4	94SF16809SBBL
18	5.70/8	1590	21 1/2	4 1/2	54 3/4	94SF18909SBBL



These casters and wheels are deluxe models. Use them for very heavy duty service. They will handle any job that is practical to mount on pneumatics. The tires are mounted on wide base rims. This permits more air volume, more load capacity, stability and cushioning. Wheel bearings are tapered with dust seals. **Note:** model ordered may look different than photo above.

95

Wheel Diameter (Inches)	Tread Width/Type (Inches)	Capacity (Lbs) (Roller for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+ Tapered Roller Bearing (09)
95 Series Semi-Pneumatic						
21	6.90/9	2420	24 1/4	5	84 1/4	95SF21909SBBL
23	6.50/10	2775	26 1/4	5	87 1/4	95SF23909SBBL
25	7.50/10	3630	28 3/4	5	90 1/2	95SF25909SBBL



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

272 290 294 295

Cantilever-Style Dual Wheel Pneumatic Casters CAPACITY TO 7260



Premium Quality



Environmentally Friendly

FEATURES

- **Swivel Casters:** Double ball bearing raceway. BBL models Hardened double ball bearing raceway with 1-1/4" tapered roller thrust bearing
- **Shock Absorbing:** Cushion wheel protects equipment
- **Pressure Lubrication** to all bearings

RIG OPTIONS

- **Swivel lock** specify L
- **Face contact brake** specify F
- **Sealed swivel** specify NS
- Foam fill available, consult factory

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/Type (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+ Roller Bearing (01), Tapered Roller Bearing (09)
8	2.80/4	590	11	25/8		272SF08501
10	4.10/4	700	13	3 1/4	2 13/4	272SF10601

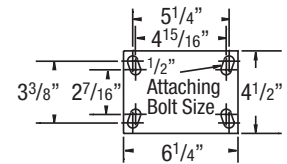
272



Dual wheel models are recommended for the greatest possible protection to both loads and floors with increased capacity. If you transport fragile materials or parts, or if you move delicate instruments over rough floors, you should consider this product offering.

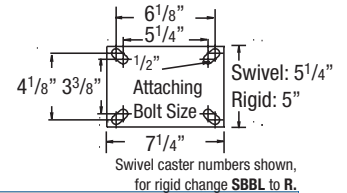
290

Wheel Diameter (Inches)	Tread Width/Type (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+ Roller Bearing (01), Tapered Roller Bearing (09)
12	4.10/6	890	15 1/2	3 1/2	35	290SF12701
14	5.30/6	1570	17 3/4	4	41	290SF14801
16	4.80/9	2000	19 1/8	4 1/2	53 1/4	290SF16801
18	5.70/8	2340	21 1/4	5	59 3/4	290SF18901



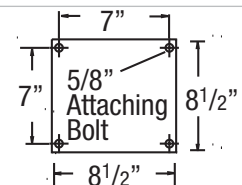
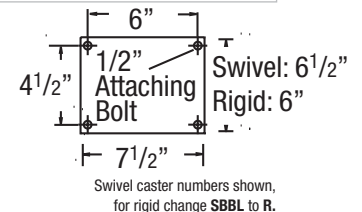
294

Wheel Diameter (Inches)	Tread Width/Type (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+ Roller Bearing (01), Tapered Roller Bearing (09)
16	4.80/8	2600	19 1/8	4	71	294SF16809SBBL
18	5.70/8	3180	21 1/2	4 1/2	81 3/4	294SF18909SBBL



295

Wheel Diameter (Inches)	Tread Width/Type (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+ Roller Bearing (01), Tapered Roller Bearing (09)
21	6.90/9	4840	24 1/4	5	129 3/4	295SF21909SBBL
23	6.50/10	5550	26 1/4	5	134 1/2	295SF23909SBBL
25	7.50/10	7260	28 3/4	5	139	295SF25909SBBL



272/290/294/295 SERIES • CAPACITY TO 7260

PNEUMATIC CASTERS

AIR CARGO AND AVIATION

CAPACITY RANGE 375-450 LBS



Cargo Conveyor Casters

Common Applications:

- Aviation Industry
- Cargo Industry
- Automotive Industry
- Conveyor Systems



Albion 03 Air Cargo/Conveyor
Capacity to 450 119



Faultless Air Cargo/Conveyor
Capacity to 375 120



Jarvis Air Cargo/Conveyor
Capacity to 400 121

Before you fly, you need to roll! View Our Popular Aviation Caster Series:

LASER CUT INTEGRATED BRAKES



New PLB brakes are now available for aviation industry casters (pages 48-51).

LONGER LASTING KINGPINLESS CASTERS



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).

DUAL WHEELS FOR ULTIMATE STABILITY



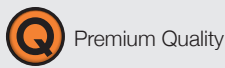
Looking to gain higher load ratings with low overall heights, better product stability and floor protection, or softer wheel options while maintaining high load ratings? View all of our dual wheel options (pages 100-112).

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 87-99).

03



Air Cargo/Conveyor Casters

CAPACITY TO 450



Priority Economy

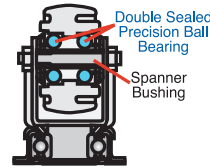
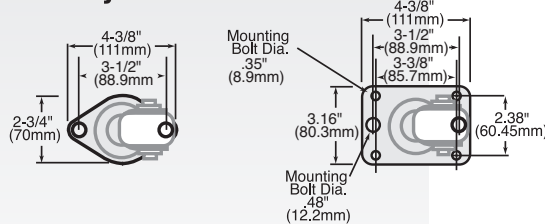
Priority with Optional Toe Guard

Three quality levels to meet all of your air cargo conveyor needs.

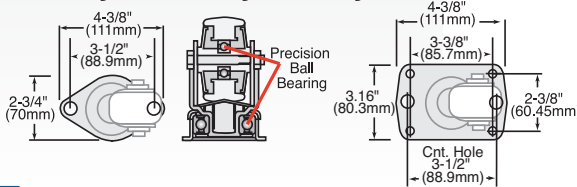
Priority Premier™ is built to exceptional manufacturing standards. **Priority** features precision bearings in wheel and raceway. **Priority Economy** casters provide dependability on a budget.

MOUNTING OPTIONS

Priority Premier™ Models



Priority and Priority Economy Models



TOE GUARD OPTIONS



106mm Specify T0-106 120mm Specify T0-120 145mm Specify T0-145

TYPICAL APPLICATIONS

- Cargo Conveyor Equipment

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Approx. Wt. (Lbs)	Caster Number
-------------------------	----------------------	--	-------------------------	-------------------	---------------

Priority Premier™ Rectangular Plate Yellow Dichromate Finish					
2 1/4 (58mm)	1 3/4 (34mm)	450	3 3/4 (96mm)	1 3/4	03XN02028S004C
Double sealed precision ball bearing.					

Priority Premier™ Rectangular Plate Yellow Dichromate Metal Toe Guard					
2 1/4 (58mm)	1 3/4 (34mm)	450	3 3/4 (96mm)	1 3/4	03XN02028S001C
Double sealed precision ball bearing.					

FEATURES

Priority Premier™

- Sealed precision ball bearing in swivel section and wheel
- 1/8" formed steel construction
- Additional O-ring seal in swivel section prevents contamination
- Shock resistant premium nylon wheel
- Zinc plated finish on diamond plate models, yellow dichromate finish on rectangular plate models
- Optional Integral toe guard on 2 1/4" models
- Metal Thread Guards

Priority

- Sealed precision ball bearing in swivel section and wheel
- 1/8" formed steel construction
- White nylon thread guards
- Shock resistant wheels
- Zinc plated finish

Priority Economy

- Semi-precision unsealed ball bearings
- 1/8" formed steel construction
- Black polypropylene thread guards
- Shock resistant wheels
- Zinc plated finish

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Approx. Wt. (Lbs)	Caster Number
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Priority Diamond Plate Zinc Finish					
2 1/4 (58mm)	1 11/32 (34mm)	450	3 3/4 (96mm)	1 3/4	03PR02028S
2 3/4 (70mm)	1 11/32 (34mm)	450	4 (102mm)	1 3/4	03PR03028S

Priority Rectangular Plate Zinc Finish					
2 1/4 (58mm)	1 11/32 (34mm)	450	3 3/4 (96mm)	1 3/4	03PR02028S004
2 3/4 (70mm)	1 11/32 (34mm)	450	4 (102mm)	1 3/4	03PR03028S004

Priority Economy Diamond Plate Zinc Finish					
2 1/4 (58mm)	1 11/32 (34mm)	450	3 3/4 (96mm)	1 3/4	03PE02028S
2 3/4 (70mm)	1 11/32 (34mm)	450	4 (102mm)	1 3/4	03PE03028S

Priority Economy Rectangular Plate Zinc Finish					
2 1/4 (58mm)	1 11/32 (34mm)	450	3 3/4 (96mm)	1 3/4	03PE02028S004
2 3/4 (70mm)	1 11/32 (34mm)	450	4 (102mm)	1 3/4	03PE03028S004

Faultless Precision, Heavy Duty Air Cargo/Conveyor Caster

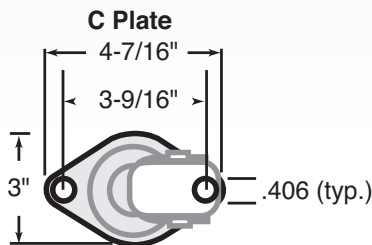
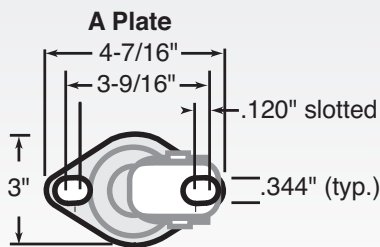


CAPACITY TO 375



Designed for inverted applications, these Faultless conveyor casters are designed for easy installation and replacement in the field. Special dust-and-grease cap and special all-temperature lubricant are standard along with precision bearing swivel and needle bearing wheels. Corrosive-resistant zinc dichromate finish is standard.

MOUNTING OPTIONS



TYPICAL APPLICATIONS

- Cargo Conveyor Equipment

FEATURES

- **Raceways:** Fully sealed raceways for low maintenance and protection of the swivel head in outdoor environments
- **Swivel Bearings:** Precision bearing swivel
- **Wheel Bearings:** Need bearings or ball bearings; thread guards standard for longer life
- **Finish:** Corrosion-resistant zinc dichromate or powder coated finishes
- **Suggested Temperature Range:** 20°F to +180°F
- **Special Top Plates Available:** For specific installation requirements, consult factory

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (rated for manual operation)	Overall Height (Inches)	Swivel Radius (Inches)	Caster Number
Polyflex Brown (Needle Bearing) with A Plate	2-3/4	13/8	375	4 1/32	23/8	27015



Polyflex Brown (Needle Bearing) with C Plate	3	15/6	270	3 25/32	25/8	25675
	3	15/6	300	4 1/32	2 15/32	25696



Polyflex Grey with Toe Guard (Needle Bearing) with A Plate	2-3/4	13/8	375	4 1/32	23/16	27016
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Polyflex Brown with Toe Guard (Needle Bearing) with A Plate	2-3/4	13/8	375	4 1/32	2 13/16	26381
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Jarvis Air Cargo/Conveyor Casters

CAPACITY TO 400

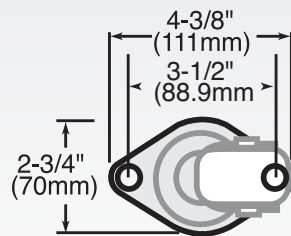


FEATURES

- Dual ball bearing for increased rollability and weight capacity
- 1/8" formed steel construction
- Quiet operation
- Corrosion resistant and durable attractive yellow dichromate finish
- Metal thread guards to prevent debris from entering bearing
- Full swivel seals for longer life

This air cargo caster is manufactured to withstand the day after day abuse of the air cargo industry. Designed for use on cargo sorting decks and trailers, the premium grade nylon wheel is designed to withstand heavy shock impacts and the dual ball bearings provide smooth rolling under the most abusive environments.

MOUNTING OPTIONS



TYPICAL APPLICATIONS

- Cargo Conveyor Equipment

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
3	1 1/4	400	4	15/32	1 3/4	FG3NYLONAIR



SPECIALTY CASTERS

CAPACITY RANGE 210-1500 LBS



DC Dolly Casters

An Economical and Floor Protective Dolly Solution

Common Applications:

- Business Machines
- Server Racks
- Cabinets/Cases
- Vending Machines
- Industrial Carts
- Material Handling Equipment
- Economical Carts
- Swing or Sliding Gates



20/21 Series Business Machine
Capacity to 1200 123



E-Line
Medium Heavy Duty Economical
Capacity to 1250 126-128



DC Dolly Casters
Capacity to 350 124

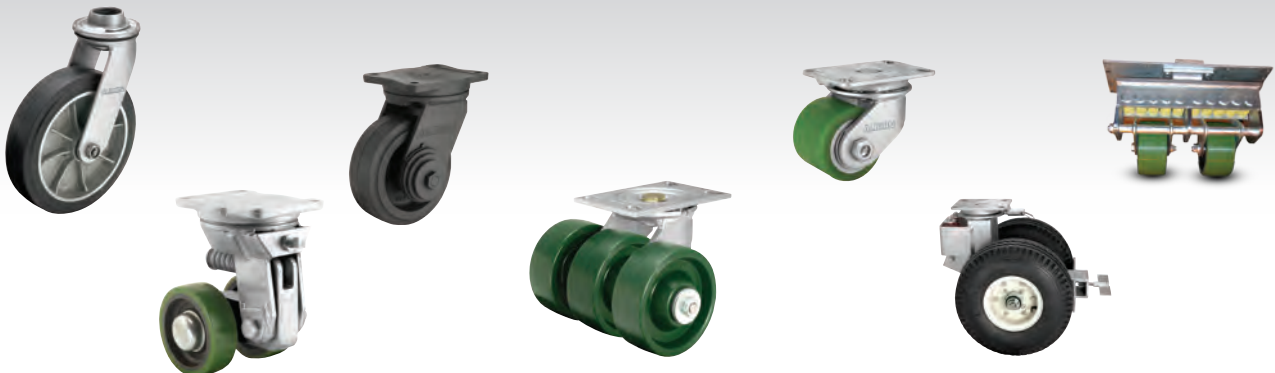


Gate Casters
Capacity to 210 129



Bassick Honcho AS Series
Capacity to 1250 125

Custom Fabrication (see pages 16-17)



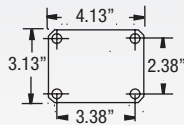
20 21

Business Machine Low Profile Casters CAPACITY TO 1200



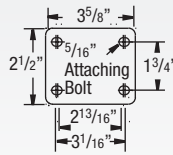
MOUNTING OPTIONS

Standard Model Plate



Attaching Bolt
20 Series: 5/16"
21 Series: 3/8"

O2 Series Model Plate



Specify O2 at end of caster part no.

TYPICAL APPLICATIONS

- Dollies
- Server shelves
- Cabinets/Cases
- Soda machines
- Vending Equipment
- Business machine equipment



Premium Quality



Environmentally Friendly

FEATURES

- **Construction:** 20 Series: Heat treated stamped steel. 21 Series: welded steel
- **Finish:** Black finish for corrosion prevention and sleek appearance

RIG OPTIONS

- **Zinc finish option** specify **ZN**



- **4.03" overall height option**, consult factory
- **Optional mounting hole diameters** available, consult factory

BEARING OPTIONS



Straight Roller (O1) Drawn Cup Roller (O2) Precision Ball (28)

BRAKE OPTIONS

Thumbscrew specify **B**



- High Capacity
- Low Height
- Stamped or Welded Construction

+ 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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20 Series Business Machine

	Polypropylene (Roller Bearing)	3	1.81	500	3.97	1.08	3	20PB03201
	Nylon Glass Filled (Roller Bearing)	3	1.81	700	3.97	1.08	3	20NG03201
	Phenolic (Roller Bearing)	3	1.81	700	3.97	1.08	3	20TM03201
	Solid Polyurethane (Precision Ball Bearing)	3	1.81	700	3.97	1.08	3	20XP03228

Axle diameter is 7/16"

+ 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+
-------------------------	----------------------	---	-------------------------	----------------------	-------------------	---------------------

21 Series Business Machine

	Nylon Glass Filled (Roller Bearing)	3	1.81	1200	4.16	.81	3	21NG03201
	Phenolic (Roller Bearing)	3	1.81	1000	4.16	.81	3	21TM03201
	Solid Polyurethane (Sealed Precision Ball Bearing)	3	1.81	1200	4.16	.81	3	21XP03228

Axle diameter is 1/2"

Note: Lead times may vary on certain items, consult factory.

DC

DC Dolly Casters

CAPACITY TO 350



FEATURES

- **Swivel Section:** Double ball raceway for standard top plate (Single ball raceway for optional S01 top plate)
- **Finish:** Zinc plated finish
- **Thread Guards:** Interlocking thread guards standard on XS models, keeping out entangling debris for longer life
- **Construction:** Riveted construction
- Alternate or custom caster configurations available

RIG OPTIONS

NSF: Consult factory

BRAKE OPTION

Face Contact specify F



BEARING OPTIONS

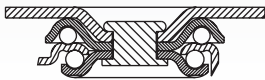
Annular Ball (31)
Plain (41)

An ideal solution for dolly applications; the DC Dolly lineup is both economical and durable. All wheels are non-marking, and the XS wheels feature interlocking thread guards to protect them from entangling debris.

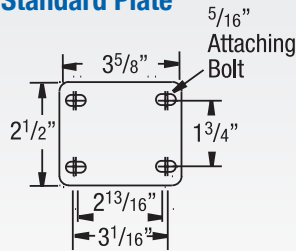
TYPICAL APPLICATIONS

- Dolly carts
- Display carts

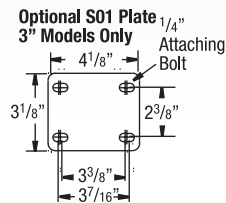
SWIVEL CROSS SECTION



MOUNTING OPTIONS Standard Plate




Special Order Plates S01 Top Plate for parts ending in S01




- Economical
- Non marking
- Thread guards protect axle from entangling debris

+ 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 for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
TPR Rubber (31 Annular Ball Bearing)							
XS 	3	1 1/4	275	3.8	1 1/4	.5	DCXS03031S01
	3	1 1/4	275	4 1/4	1 11/16	.5	DCXS03031
	3 1/2	1 1/4	300	4 3/4	1 11/16	.5	DCXS03X31
	4	1 1/4	325	5 1/4	1 11/16	.5	DCXS04031
	5	1 1/4	350	6 1/4	1 11/16	.5	DCXS05031

Non-marking TPR wheel (75 Shore A)

Polyurethane on Polypropylene (41 Plain Bearing)

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
XA 	3	1 1/4	275	3.8	1 1/4	.5	DCXA03041S01
	3	1 1/4	275	4 1/4	1 11/16	.5	DCXA03041
	3 1/2	1 1/4	300	4 3/4	1 11/16	.5	DCXA03X41
	4	1 1/4	325	5 1/4	1 11/16	.5	DCXA04041
	5	1 1/4	350	6 1/4	1 11/16	.5	DCXA05041

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

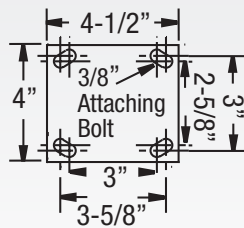
	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
Polypropylene (41 Plain Bearing)							
PB 	3	1 1/4	275	3.8	1 1/4	.5	DCPB03041S01
	3	1 1/4	275	4 1/4	1 11/16	.5	DCPB03041
	3 1/2	1 1/4	300	4 3/4	1 11/16	.5	DCPB03X41
	4	1 1/4	325	5 1/4	1 11/16	.5	DCPB04041
	5	1 1/4	350	6 1/4	1 11/16	.5	DCPB05041

AS Bassick Honcho



Legendary Bassick Honcho casters feature sealed upper and lower raceways for additional protection from the elements. The caster legs are embossed, formed legs for added strength. Yellow dichromate finish for added corrosion resistance.

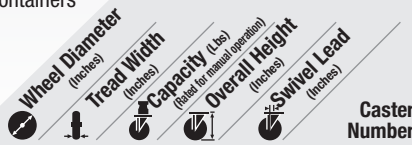
MOUNTING OPTION



TYPICAL APPLICATIONS

- Platform trucks
- Warehouse trucks
- Material handling containers
- Floor trucks

For rigid models change "CAS" to "CAR"



Soft Rubber (51 Roller Bearing)

SFR	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Caster Number
5	2	450	6 1/2	3 11/16		CAS50156YZ-SFR51 (KK)
6	2	475	7 1/2	4 3/8		CAS60156YZ-SFR51 (KK)
8	2	600	9 1/2	5 13/16		CAS80156YZ-SFR51 (KK)



Hard Rubber (51 Roller Bearing)

HDR	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Caster Number
5	2	600	6 1/2	3 11/16		CAS50156YZ-HDR51 (KK)
6	2	650	7 1/2	4 3/8		CAS60156YZ-HDR51 (KK)
8	2	750	9 1/2	5 13/16		CAS80156YZ-HDR51 (KK)



Polyolefin (51 Roller Bearing)

POD	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Caster Number
4	2	600	5 1/2	3		CAS40156YZ-POD51 (KK)
5	2	650	6 1/2	3 11/16		CAS50156YZ-POD51 (KK)
6	2	700	7 1/2	4 3/8		CAS60156YZ-POD51 (KK)
8	2	900	9 1/2	5 13/16		CAS80156YZ-POD51 (KK)



Phenolic (51 Roller Bearing)

PHN	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Caster Number
4	2	800	5 1/2	3		CAS40156YZ-PHN51 (KK)
5	2	1250	6 1/2	3 11/16		CAS50156YZ-PHN51 (KK)
6	2	1200	7 1/2	4 3/8		CAS60156YZ-PHN51 (KK)
8	2	1250	9 1/2	5 13/16		CAS60156YZ-PHN51 (KK)



FEATURES

- **Upper/Lower Raceway Rubber seals:** Rubber swivel raceway seals help protect casters
- **Finish:** Attractive yellow dichromate finish for added corrosion resistance
- **Top Plate & Yoke Base:** Cold formed
- **Swivel Section:** Full double ball heat treated raceways. Drawn and formed ballcup
- **Fork Legs:** Embossed, formed legs for added strength
- Alternate or custom caster configurations available

BRAKE OPTIONS

Add brake code to end of caster number

Total Lock
specify -TLB



Side Lock
specify -SB

Swivel Lock
specify -SL

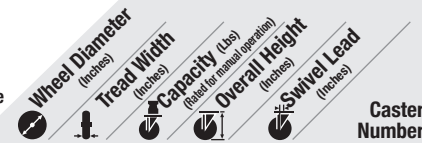


BEARING OPTIONS

Straight Roller (51) Sealed Roller (81)



For rigid models change "CAS" to "CAR"



K Solid Urethane (81 Sealed Roller Bearing)

KPU	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Caster Number
4	2	700	5 1/2	3		CAS40156YZ-KPU81 (KK)
5	2	1000	6 1/2	3 11/16		CAS50156YZ-KPU81 (KK)
6	2	1200	7 1/2	4 3/8		CAS60156YZ-KPU81 (KK)
8	2	1250	9 1/2	5 13/16		CAS80156YZ-KPU81 (KK)



RT Reinforced Thermoplastic (51 Roller Bearing)

FRT	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Caster Number
4	2	700	5 1/2	3		CAS40156YZ-FRT51 (KK)
5	2	1000	6 1/2	3 11/16		CAS50156YZ-FRT51 (KK)
6	2	1200	7 1/2	4 3/8		CAS60156YZ-FRT51 (KK)
8	2	1250	9 1/2	5 13/16		CAS80156YZ-FRT51 (KK)



Eagle Urethane (51 Roller Bearing)

EAG	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Caster Number
4	2	600	5 1/2	3		CAS40156YZ-EAG51 (BK)
5	2	1100	6 1/2	3 11/16		CAS50156YZ-EAG51 (BK)
6	2	1100	7 1/2	4 3/8		CAS60156YZ-EAG51 (BK)
8	2	1250	9 1/2	5 13/16		CAS80156YZ-EAG51 (BK)



Urethane on Aluminum (81 Sealed Roller Bearing)

UOA	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Caster Number
5	2	1250	6 1/2	3 11/16		CAS50156YZ-UOA81 (BG)
6	2	1250	7 1/2	4 3/8		CAS60156YZ-UOA81 (BG)
8	2	1250	9 1/2	5 13/16		CAS80156YZ-UOA81 (BG)



Steel (51 Roller Bearing)

STL	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs)	Overall Height (inches)	Swivel Lead (inches)	Caster Number
4	2	1200	5 1/2	3		CAS40156YZ-STL51 (GG)
5	2	1250	6 1/2	3 11/16		CAS50156YZ-STL51 (GG)
6	2	1250	7 1/2	4 3/8		CAS60156YZ-STL51 (GG)
8	2	1250	9 1/2	5 13/16		CAS80156YZ-STL51 (GG)



E-Line **Economical Casters**

CAPACITY TO 1250

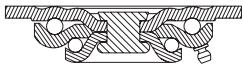


The E-line is an economical lineup of casters and wheels designed and mass-produced for a range of medium duty applications with load requirements ranging from 300 to 1,250 lbs. per caster. From shop carts and containers, to platform and lumber carts – the E-Line is your most competitive and in-stock 2" wide solution.

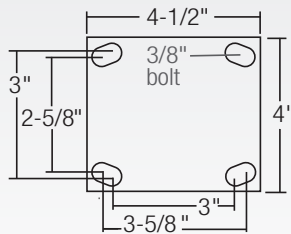
TYPICAL APPLICATIONS

- Shop Carts
- Retail Platform and Lumber Carts
- Warehouse Carts and Trucks
- Waste Containers
- Dollies
- Toolboxes

SWIVEL CROSS SECTION



MOUNTING OPTION



E-Line Examples

ES6X2MOR



ES6X2TPDWFB



ES6X2TUMCAMS



ER6X2PODTBK



ES6X2MOPTBK



ET6X2TPR



ER6X2TPUCAML



ET6X2PKTP8



ES6X2PHNCAML



ES6X2CIR



Economical

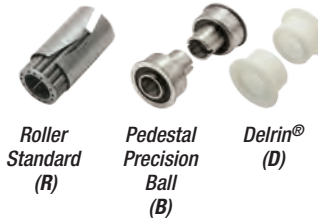


Environmentally Friendly

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:** Double ball raceways for smooth swiveling action
- **Fork Legs:** 1/4" thick steel leg construction on swivel and rigid casters ... 3/16" construction on total lock casters
- **Kingpin:** 5/8" diameter permanent rivet kingpin
- **Axle:** 1/2" hollow axle with grease zerk and lock nut
- **Wheel seals:** Nylon seal retaining/thrust washers
- **RoHS:** RoHS compliant industrial zinc finish for corrosion resistance
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle on straight roller and Delrin bearing wheels
- **NSF:** Select models (consult factory)
- **Thread Guards:** Select models have thread guard option (consult factory)

BEARING OPTIONS



Roller Standard (R)

Pedestal Precision Ball (B)

Delrin® (D)

To change the standard roller bearing to an optional bearing in a caster, add **B** or **D** to the end of caster number.

Plastic retainer washers come standard on wheels with roller bearings; to order optional steel retainer washers add **SW** to the end of the part#. Example ES6X2CIRSW

RIG OPTIONS

- Sealed raceway option. Add **RS** after ES for free swivel models (example: ESRS6X2TPR). Seals are not available for total lock models.
- Integrated total lock brake, see brake options below. Maximum weight capacity of total lock brake models is 900lbs.

BRAKE OPTIONS

To order, add brake code below to end of model. Example: ES6X2MORWFB

Total Lock change ES to ET in charts on right.



Wheel Face All swivel models along with 6" and 8" rigid models specify **WFB**

Tread Brake swivel and rigid models specify **TBK**



Short Pedal -5" length cam swivel and rigid models. Roller bearing required specify **CAMS**

Long Pedal -7" length cam swivel and rigid models. Roller bearing required. Not available on 4" diameter models, specify **CAML**



Hand operated field installable swivel lock order **SWVLOCKX2** separately

+ Swivel models shown in chart, for rigid models change 1st two digits "ES" to "ER".

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

Moldon Rubber (R Roller Bearing)

MOR	4	2	400	5 ⁵ / ₈	3 ³ / ₈	—	ES4X2MOR
	5	2	400	6 ¹ / ₂	4	—	ES5X2MOR
	6	2	550	7 ¹ / ₂	4 ³ / ₄	—	ES6X2MOR
	8	2	600	9 ¹ / ₂	6 ¹ / ₄	—	ES8X2MOR

To change the standard roller bearing to an optional bearing, add **B** (Precision Ball) to the end of the part #.

Thermo-Rubber (Donut) (R Roller Bearing)

TPD	4	2	300	5 ⁵ / ₈	3 ³ / ₈	—	ES4X2TPD
	5	2	350	6 ¹ / ₂	4	—	ES5X2TPD
	6	2	500	7 ¹ / ₂	4 ³ / ₄	—	ES6X2TPD
	8	2	600	9 ¹ / ₂	6 ¹ / ₄	—	ES8X2TPD

To change the standard roller bearing to an optional bearing, add **B** (Precision Ball) or **D** (Delrin) to the end of the part #.

PolyKat™ Thermo-Urethane (TP8 Precision Ball Bearing)

PKTP8	4	2	600	5 ⁵ / ₈	3 ³ / ₈	—	ES4X2PKTP8
	5	2	800	6 ¹ / ₂	4	—	ES4X2PKTP8
	6	2	1000	7 ¹ / ₂	4 ³ / ₄	—	ES4X2PKTP8
	8	2	1200	9 ¹ / ₂	6 ¹ / ₄	—	ES8X2PKTP8

Thermo-Urethane (Maroon/Grey) (R Roller Bearing)

TUM	4	2	500	5 ⁵ / ₈	3 ³ / ₈	—	ES4X2TUM
	5	2	600	6 ¹ / ₂	4	—	ES5X2TUM
	6	2	720	7 ¹ / ₂	4 ³ / ₄	—	ES6X2TUM
	8	2	800	9 ¹ / ₂	6 ¹ / ₄	—	ES8X2TUM

To change the standard roller bearing to an optional bearing, add **B** (Precision Ball) or **D** (Delrin) to the end of the part #.

Phenolic (R Roller Bearing)

PHN	4	2	800	5 ⁵ / ₈	3 ³ / ₈	—	ES4X2PHN
	5	2	1000	6 ¹ / ₂	4	—	ES5X2PHN
	6	2	1200	7 ¹ / ₂	4 ³ / ₄	—	ES6X2PHN
	8	2	1250	9 ¹ / ₂	6 ¹ / ₄	—	ES8X2PHN

To change the standard roller bearing to an optional bearing, add **B** (Precision Ball) or **D** (Delrin) to the end of the part #.

+ Swivel models shown in chart, for rigid models change 1st two digits "ES" to "ER".

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

Thermo-Rubber (Flat) (R Roller Bearing)

TPR	4	2	300	5 ⁵ / ₈	3 ³ / ₈	—	ES4X2TPR
	5	2	350	6 ¹ / ₂	4	—	ES5X2TPR
	6	2	500	7 ¹ / ₂	4 ³ / ₄	—	ES6X2TPR
	8	2	600	9 ¹ / ₂	6 ¹ / ₄	—	ES8X2TPR

To change the standard roller bearing to an optional bearing, add **B** (Precision Ball) or **D** (Delrin) to the end of the part #.

Polyurethane HD (R Roller Bearing)

POD	4	2	500	5 ⁵ / ₈	3 ³ / ₈	—	ES4X2POD
	5	2	600	6 ¹ / ₂	4	—	ES5X2POD
	6	2	600	7 ¹ / ₂	4 ³ / ₄	—	ES6X2POD
	8	2	900	9 ¹ / ₂	6 ¹ / ₄	—	ES8X2POD

To change the standard roller bearing to an optional bearing, add **B** (Precision Ball) or **D** (Delrin) to the end of the part #.

Thermo-Urethane (Red/Black) (R Roller Bearing)

TPU	4	2	500	5 ⁵ / ₈	3 ³ / ₈	—	ES4X2TPU
	5	2	600	6 ¹ / ₂	4	—	ES5X2TPU
	6	2	720	7 ¹ / ₂	4 ³ / ₄	—	ES6X2TPU
	8	2	800	9 ¹ / ₂	6 ¹ / ₄	—	ES8X2TPU

To change the standard roller bearing to an optional bearing, add **B** (Precision Ball) or **D** (Delrin) to the end of the part #.

Mold-on Poly (R Roller Bearing)

MOP	4	2	800	5 ⁵ / ₈	3 ³ / ₈	—	ES4X2MOP
	5	2	1100	6 ¹ / ₂	4	—	ES5X2MOP
	6	2	1200	7 ¹ / ₂	4 ³ / ₄	—	ES6X2MOP
	8	2	1250	9 ¹ / ₂	6 ¹ / ₄	—	ES8X2MOP

To change the standard roller bearing to an optional bearing, add **B** (Precision Ball) to the end of the part #.

Cast Iron (R Roller Bearing)

CIR	4	2	800	5 ⁵ / ₈	3 ³ / ₈	—	ES4X2CIR
	5	2	1000	6 ¹ / ₂	4	—	ES5X2CIR
	6	2	1200	7 ¹ / ₂	4 ³ / ₄	—	ES6X2CIR
	8	2	1250	9 ¹ / ₂	6 ¹ / ₄	—	ES8X2CIR

To change the standard roller bearing to an optional bearing, add **B** (Precision Ball) to the end of the part #.

BRAKE SWIVEL RADIUS CHART

Wheel Diameter	Swivel Radius				
	Wheel Face Brake	Tread Lock Brake	Short Pedal Cam	Long Pedal Cam	Total Lock
4"	6-13/32"	3-5/8"	4-23/32"	N/A	5-7/16"
5"	7-1/32"	4"	5"	6"	5-13/16"
6"	7-21/32"	4-3/4"	5-1/2"	6-5/32"	6"
8"	9-1/16"	6-1/4"	6-1/4"	6-5/8"	6-3/8"

E-Line Components

Swivel and Rigid Rigs



Wheel Dia.	Tread Width	*Load Capacity (lbs)	Mount Height	Swivel Caster Part #	Rigid Caster Part #
4"	2"	1250	5-5/8"	RIG4X2ES	RIG4X2ER
5"	2"	1250	6-1/2"	RIG5X2ES	RIG5X2ER
6"	2"	1250	7-1/2"	RIG6X2ES	RIG6X2ER
8"	2"	1250	9-1/2"	RIG8X2ES	RIG8X2ER

Total Lock Rigs



Wheel Dia.	Tread Width	*Load Capacity (lbs)	Mount Height	Swivel Radius	Part #
4"	2"	900	5-5/8"	5-7/16"	RIG4X2EST
5"	2"	900	6-1/2"	5-13/16"	RIG5X2EST
6"	2"	900	7-1/2"	6"	RIG6X2EST
8"	2"	900	9-1/2"	6-3/8"	RIG8X2EST

*Some wheels have lower capacities. See pemcoasters.com/e/line for specifications.

Wheels



Wheel Dia.	Tread Width	Wheel Type	Load Capacity (lbs)	Standard Bore	Wheel Part # (Plain bore)
4"	2"	PolyKat™ Thermo-Urethane	600	1/2"	WH4X2PKTP8
		Thermo-Urethane (Red/Black)	500	1-3/16"	WH4X2TPU19
		Thermo-Urethane (Maroon/Grey)	500	1-3/16"	WH4X2TUM19
		Mold-on Poly	800	1-3/16"	WH4X2MOP19
		Mold-on Rubber	400	1-3/16"	WH4X2MOR19
		Thermo-Rubber (Flat)	300	1-3/16"	WH4X2TPR19
		Thermo-Rubber (Donut)	300	1-3/16"	WH4X2TPD19
		Phenolic	800	1-3/16"	WH4X2PHN19
		Polypropylene HD	500	1-3/16"	WH4X2POD19
5"	2"	Cast Iron	800	1-3/16"	WH4X2CIR19
		PolyKat™ Thermo-Urethane	800	1/2"	WH5X2PKTP8
		Thermo-Urethane (Red/Black)	600	1-3/16"	WH5X2TPU19
		Thermo-Urethane (Maroon/Grey)	600	1-3/16"	WH5X2TUM19
		Mold-on Poly	1100	1-3/16"	WH5X2MOP19
		Mold-on Rubber	400	1-3/16"	WH5X2MOR19
		Thermo-Rubber (Flat)	350	1-3/16"	WH5X2TPR19
		Thermo-Rubber (Donut)	350	1-3/16"	WH5X2TPD19
		Phenolic	1000	1-3/16"	WH5X2PHN19
6"	2"	Polypropylene HD	600	1-3/16"	WH5X2POD19
		Cast Iron	1000	1-3/16"	WH5X2CIR19
		PolyKat™ Thermo-Urethane	1000	1/2"	WH6X2PKTP8
		Thermo-Urethane (Red/Black)	720	1-3/16"	WH6X2TPU19
		Thermo-Urethane (Maroon/Grey)	720	1-3/16"	WH6X2TUM19
		Mold-on Poly	1200	1-3/16"	WH6X2MOP19
		Mold-on Rubber	550	1-3/16"	WH6X2MOR19
		Thermo-Rubber (Flat)	500	1-3/16"	WH6X2TPR19
		Thermo-Rubber (Donut)	500	1-3/16"	WH6X2TPD19
8"	2"	Phenolic	1200	1-3/16"	WH6X2PHN19
		Polypropylene HD	600	1-3/16"	WH6X2POD19
		Cast Iron	1200	1-3/16"	WH6X2CIR19
		PolyKat™ Thermo-Urethane	1200	1/2"	WH8X2PKTP8
		Mold-on Poly	1250	1-3/16"	WH8X2MOP19
		Thermo-Urethane (Red/Black)	800	1-3/16"	WH8X2TPU19
		Thermo-Urethane (Maroon/Grey)	800	1-3/16"	WH8X2TUM19
		Mold-on Rubber	600	1-3/16"	WH8X2MOR19
		Thermo-Rubber (Flat)	600	1-3/16"	WH8X2TPR19

Brakes

All brake kits include axle, nut and necessary hardware to install on swivel or rigid rigs.

Tread Lock Brake (TBK)



TBK4X2E	4" models
TBK5X2E	5" models
TBK6X2E	6" models
TBK8X2E	8" models

Wheel Face Brake (WFB)



WFB4X2E	4" models
WFB5X2E	5" models
WFB6X2E	6" models
WFB8X2E	8" models

Not available on 4" and 5" rigid models.

Long Pedal Cam Brake 7" (CAML)

Only works with roller bearing models. Fits 5", 6" & 8" E-Line models.



CAMXX2L	Comes with custom spanner bushing (roller bearing required)
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Short Pedal Cam Brake 5" (CAMS)

Only works with roller bearing models. Fits all caster sizes.



CAMXX2S	Comes with custom spanner bushing (roller bearing required)
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Hardware (All hardware parts sold per piece, not sets)



Axle (Zerk)
1/2-13x3.75
AXLEZRKEX2

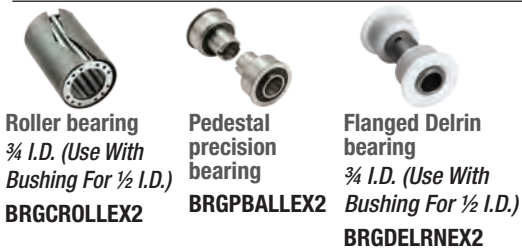
Nut
1/2-13
AXLENUTEX2

Spanner bushing
1/2 X 3/4 X 2-7/16
SPANNEREX2



Retaining Washer (Plastic)
WHLCAPPLEX2

Retaining Washer (Steel)
WHLCAPSTEX2



Roller bearing
3/4 I.D. (Use With Bushing For 1/2 I.D.)
BRGCROLLEX2

Pedestal precision bearing
BRGPBALLEX2

Flanged Delrin bearing
3/4 I.D. (Use With Bushing For 1/2 I.D.)
BRGDELRNEX2

Raceway Seals

Upper and Lower seals available on swivel caster models (Sold as set). Seals are not available for total lock models.



RCWYSEALEX2

4 Position Swivel Lock

Lock and unlock swivel for easy tracking down hallways



SWWLOCKX2

Floor Locks Designed to hold your portable equipment in a desired location.



Wheel Dia.	Caster Mtg. Ht.	Retracted Clearance	Approximate Weight (lbs)	Floor Lock #
4"	5-5/8"	3/4"	3-1/4	FL-4E
5"	6-1/2"	3/4"	3-1/2	FL-5E
6"	7-1/2"	3/4"	3-3/4"	FL-6E
8"	9-1/2"	3/4"	4"	FL-8E

Double Pedal Floor Locks Adaptable to all types of portable equipment, the double pedal floor lock allows for easier floor lock engagement.



Wheel Dia.	Caster Mtg. Ht.	Retracted Clearance	Approximate Weight (lbs)	Floor Lock #
4"	5-5/8"	1"	3-7/8	FLOCKE40
5"	6-1/2"	1"	4	FLOCKE50
6"	7-1/2"	1-3/8"	4-1/4	FLOCKE60
8"	9-1/2"	1-1/4"	4-3/4	FLOCKE80

02 14

Gate Casters CAPACITY TO 210



These casters are designed to make gate opening and closing easy. The casters feature gate mounts and spring loaded shock absorption.



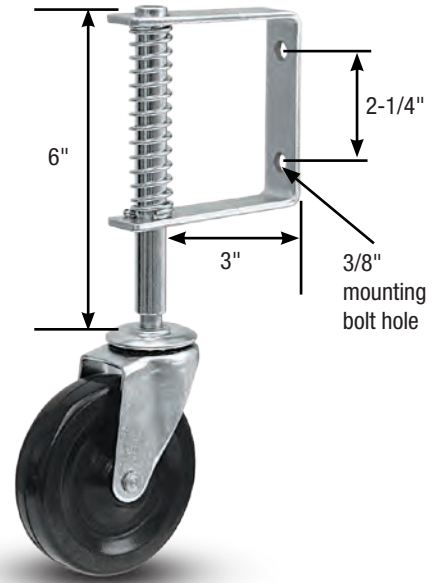
Premium Quality



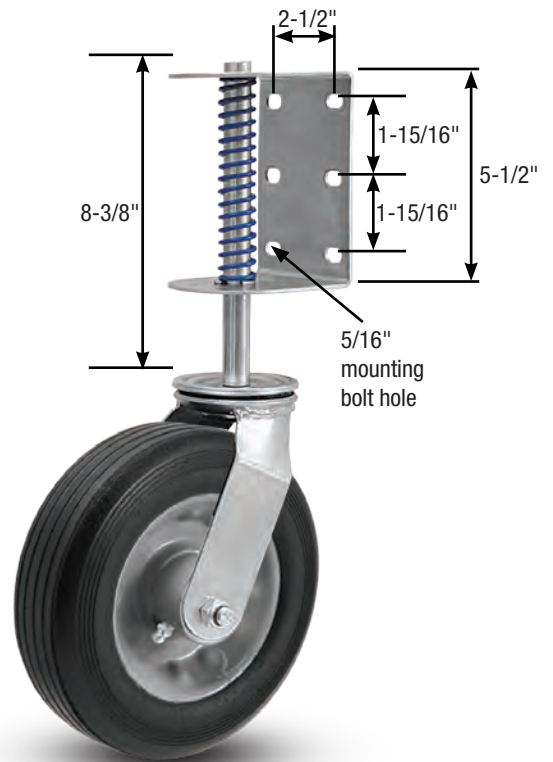
Environmentally Friendly

FEATURES

- Gate mount integrated in caster
- Spring loaded design provides shock absorption



Wheel Diameter (Inches)	Tread Width/Type (Inches)	Capacity (Lbs) (Rates for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
4	1	125	10-1/2	3.2		02RN04041S007



Wheel Diameter (Inches)	Tread Width/Type (Inches)	Capacity (Lbs) (Rates for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
8	2-1/2	210	18-1/2	6.5		14SN08427S001