

ALBION®

Item

Page



05 Medium Heavy Duty 51-52
Stainless Steel, Capacity to 1200 lbs.



12 Medium Heavy Duty 53-55
Capacity to 1250 lbs



14 Scaffolding Casters. 56
Casters, Capacity to 800 lbs.



EMPIRE™
15 Empire Medium Heavy 57
Duty, Capacity to 800 lbs.



16 Medium Heavy Duty 58-60
Capacity to 1250 lbs.



18 Ergonomic Precision 61-62
Capacity to 1250 lbs



20/21 Business Machine 63
Low Profile , Capacity to 255 lbs.

Medium Heavy Spring-Loaded Models



40 Medium Duty Spring-Loaded 64-65
Capacity to 500 lbs.



41 SpringGuard™ Spring-Loaded 66
Capacity to 800 lbs.



JC Work Station Leveling 27
Casters – Light to Medium
Heavy Duty, Capacity to 2200 lbs.

NEW MODEL!

05

Medium Heavy Duty Stainless Steel Casters

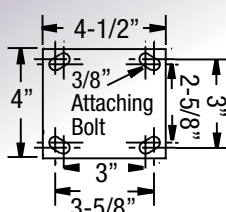


This caster is the ideal solution for applications where frequent wash-downs are necessary. The stainless steel caster is also well suited for applications exposed to cleaning agents, steam, caustic solutions, or other corrosive agents which could cause rust.

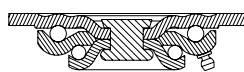
TYPICAL APPLICATIONS

- Institutional
- Hospitality
- Food Service
- Pharmaceuticals
- Hotel Luggage Carts
- Hospital Beds
- Stock Carts
- Laundry Trucks
- Dollies

MOUNTING



Swivel Cross Section



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

BEARING OPTIONS



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

RIG OPTIONS

- Neoprene sealed swivel section. Specify **NS05**.
- **NSF** Listed for food service industry. Consult Factory.
- Notched seal kit. Specify **SD016001**.
- Unnotched seal kit. Specify **SD016002**.

BRAKE OPTIONS

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



Stainless Steel Single Side specify **SSB**.



NEW! FACE BRAKE Specify **FBD**



Swivel Lock (welded) specify **L**

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
4	2	350	5 5/8	1 7/16	5 1/4	05XS04201
5	2	375	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

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
4	2	350	5 5/8	1 7/16	5 1/4	05XS04201
5	2	375	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



XS

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

*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available.
Change "01" to other bearing code.

Stainless Steel Roller Example: 05XS04201 ZB03

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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
6	2	600	7 1/2	1 7/8	5 3/4	05XR06201
8	2	675	9 1/2	2 3/8	6	05XR08201



XR

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

*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available.
Change "01" to other bearing code.

Stainless Steel Roller Example: 05XR06201 ZB03

High Modulus Rubber on Aluminum (28 Precision Ball Bearing)

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
5	2	300	6 1/2	1 5/8	5 1/2	05RM05228
6	2	350	7 1/2	1 7/8	6 1/2	05RM06228
8	2	450	9 1/2	2 3/8	8 1/2	05RM08228



RM

NEW MODEL!

For black tread specify "RL" wheel code (example 05RL05228).

Mold on Rubber on Aluminum (01 Roller Bearing)

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
4	1 1/2	250	5 5/8	1 7/16	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

MD

Polypropylene (01 Roller Bearing)*

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
4	2	450	5 5/8	1 7/16	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

PB

*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available.
Change "01" to other bearing code.

Stainless Steel Roller Example: 05PB06201 ZB03

Fiberglass Filled Polypropylene (01 Roller Bearing)*

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
4	2	800	5 5/8	1 7/16	5	05GP04201
5	2	1000	6 1/2	1 5/8	5 1/4	05GP05201
6	2	1200	7 1/2	1 7/8	5 3/4	05GP06201
8	2	1200	9 1/2	2 3/8	7	05GP08201

GP

*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available.
Change "01" to other bearing code.

Stainless Steel Roller Example: 05GP06201 ZB03

Continue on next page

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

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

White Polypropylene (Plain Bore)

4	2	450	5 ⁵ / ₈	17 ¹ / ₁₆	3 ³ / ₄	05PW04241
5	2	550	6 ¹ / ₂	15 ⁸ / ₈	4 ¹ / ₂	05PW05241
6	2	650	7 ¹ / ₂	17 ⁸ / ₈	4 ³ / ₄	05PW06241

PW

RETORT High Temp Polypropylene (41 Plain Bore)

4	2	500	5 ⁵ / ₈	17 ¹ / ₁₆	3 ³ / ₄	05RW04241
5	2	650	6 ¹ / ₂	15 ⁸ / ₈	5 ¹ / ₄	05RW05241
6	2	700	7 ¹ / ₂	17 ⁸ / ₈	5 ¹ / ₂	05RW06241
8	2	900	9 ¹ / ₂	23 ⁸ / ₈	6 ¹ / ₄	05RW08241

RW

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

5	2	1000	6 ¹ / ₂	15 ⁸ / ₈	6	05PM05228
6	2	1200	7 ¹ / ₂	17 ⁸ / ₈	7	05PM06228
8	2	1200	9 ¹ / ₂	23 ⁸ / ₈	9	05PM08228

PM

Multiple durometers available.

Polyurethane on Polypropylene (01 Roller Bearing)*

POPULAR MODEL!



4	2	600	5 ⁵ / ₈	17 ¹ / ₁₆	5	05XA04201
5	2	750	6 ¹ / ₂	15 ⁸ / ₈	5 ¹ / ₄	05XA05201
6	2	900	7 ¹ / ₂	17 ⁸ / ₈	5 ³ / ₄	05XA06201
8	2	1000	9 ¹ / ₂	23 ⁸ / ₈	7	05XA08201

XA

Prevenz™ antimicrobial models available.

Add PREV to end of caster number.

*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available.

Change "01" to other bearing code.

Stainless Steel Roller Example: 05XA04201 ZB03

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

POPULAR MODEL!



4	2	1000	5 ⁵ / ₈	17 ¹ / ₁₆	4 ¹ / ₄	05XI04201
5	2	1000	6 ¹ / ₂	15 ⁸ / ₈	5	05XI05201
6	2	1000	7 ¹ / ₂	17 ⁸ / ₈	5 ¹ / ₂	05XI06201
8	2	1000	9 ¹ / ₂	23 ⁸ / ₈	6 ¹ / ₂	05XI08201

XI

*Stainless Steel Roller (01 ZB03), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 05XI04229.

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

4	2	1200	5 ⁵ / ₈	17 ¹ / ₁₆	4 ¹ / ₄	05XP04201
5	2	1200	6 ¹ / ₂	15 ⁸ / ₈	5	05XP05201
6	2	1200	7 ¹ / ₂	17 ⁸ / ₈	5 ¹ / ₂	05XP06201
8	2	1200	9 ¹ / ₂	23 ⁸ / ₈	6 ¹ / ₂	05XP08201

XP

Prevenz™ antimicrobial models available.

Add PREV to end of caster number.

*Stainless Steel Roller (01 ZB03), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 05XP04229.

Phenolic (01 Roller Bearing)*

4	2	800	5 ⁵ / ₈	17 ¹ / ₁₆	5	05TM04201
5	2	1000	6 ¹ / ₂	15 ⁸ / ₈	5 ¹ / ₄	05TM05201
6	2	1200	7 ¹ / ₂	17 ⁸ / ₈	6 ¹ / ₄	05TM06201
8	2	1200	9 ¹ / ₂	23 ⁸ / ₈	8	05TM08201

TM

*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available.

Change "01" to other bearing code.

Stainless Steel Roller Example: 05TM06201 ZB03

Straight Sided Phenolic (01 Roller Bearing)*

4	2	800	5 ⁵ / ₈	17 ¹ / ₁₆	5	05TH04201
5	2	1000	6 ¹ / ₂	15 ⁸ / ₈	5 ¹ / ₂	05TH05201
6	2	1200	7 ¹ / ₂	17 ⁸ / ₈	6 ¹ / ₄	05TH06201

TH

*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available.

Change "01" to other bearing code.

Stainless Steel Roller Example: 05TH06201 ZB03

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

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Maxim® (01 Roller Bearing)*

4	2	800	5 ⁵ / ₈	17 ¹ / ₁₆	5	05NG04201
5	2	1000	6 ¹ / ₂	15 ⁸ / ₈	5 ¹ / ₄	05NG05201
6	2	1200	7 ¹ / ₂	17 ⁸ / ₈	5 ³ / ₄	05NG06201
8	2	1200	9 ¹ / ₂	23 ⁸ / ₈	7	05NG08201

Prevenz™ antimicrobial models available.

Add PREV to end of caster number.

*Stainless Steel Roller (01 ZB03), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 05NG04229.

NG

Maxim® NR Noise Reduction (01 Roller Bearing)*

NEW MODEL!



4	2	800	5 ⁵ / ₈	17 ¹ / ₁₆	5	05NR04201
5	2	1000	6 ¹ / ₂	15 ⁸ / ₈	5 ¹ / ₄	05NR05201
6	2	1200	7 ¹ / ₂	17 ⁸ / ₈	5 ³ / ₄	05NR06201
8	2	1200	9 ¹ / ₂	23 ⁸ / ₈	7	05NR08201

*Stainless Steel Roller (01 ZB03), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 05NR04229.

NR

White Nylon (01 Roller Bearing)*

NEW MODEL!



5	2	600	6 ¹ / ₂	15 ⁸ / ₈	5 ¹ / ₄	05NW05201
6	2	900	7 ¹ / ₂	17 ⁸ / ₈	5 ³ / ₄	05NW06201
8	2	1100	9 ¹ / ₂	23 ⁸ / ₈	6 ¹ / ₂	05NW08201

*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available.

Change "01" to other bearing code.

Stainless Steel Roller Example: 05NW06201 ZB03

NW

Hi-Temp Nylon (01 Roller Bearing)*

4	2	800	5 ⁵ / ₈	17 ¹ / ₁₆	3 ³ / ₄	05HE04201
5	2	1000	6 ¹ / ₂	15 ⁸ / ₈	5 ¹ / ₄	05HE05201
6	2	1200	7 ¹ / ₂	17 ⁸ / ₈	5 ³ / ₄	05HE06201
8	2	1200	9 ¹ / ₂	23 ⁸ / ₈	6 ¹ / ₂	05HE08201

HE

*Stainless Steel Roller (01 ZB03) bearings available.

Change "01" to other bearing code. Example: 05HE04201 ZB03.

Drop Forged Steel (01 Roller Bearing)*

4	1 ¹ / ₂	1200	5 ⁵ / ₈	17 ¹ / ₁₆	7	05FS04101
5	1 ³ / ₄	1200	6 ¹ / ₂	15 ⁸ / ₈	8 ³ / ₄	05FS05201
6	2	1200	7 ¹ / ₂	17 ⁸ / ₈	9 ³ / ₄	05FS06201

FS

*Stainless Steel Roller (01 ZB03) bearings available.

Change "01" to other bearing code. Example: 05FS04201 ZB03.

Stainless steel drop forged wheels available.

Prevenz™ Antimicrobial Wheels

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



XS Prevenz™



XR Prevenz™



PY Prevenz™



XA Prevenz™



NG Prevenz™



XP Prevenz™

12

Medium Heavy Duty Casters



These casters are recommended for medium to medium heavy duty applications that require a larger top plate or bolt hole template.

TYPICAL APPLICATIONS

- Bakery equipment
- Freight dollies
- Distribution cages & carts
- Garment racks
- Meat processing equipment
- Gymnasium equipment

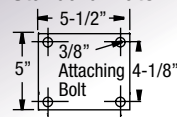
Swivel Cross Section



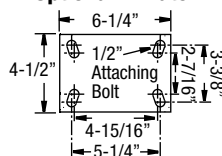
Optional Overall Heights all 12 Series Models:

Wheel Diameter	Overall Height	Swivel Lead	Swivel Specity	Rigid Specity
3-1/4"	5-1/4"	1-11/16"	HS42	HR42
4"	5-1/4"	1-11/16"	HS86	HR86
5"	6-1/8"	1-11/16"	HS50	HR50
5"	6-3/4"	1-3/4"	HS54	HR54
6"	7-1/4"	1-3/4"	HS82	HR82
8"	10"	1-3/4"	HS81	HR81

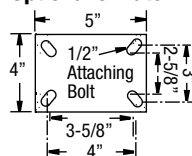
MOUNTING OPTIONS Standard Plate



Optional K Plate



Optional J Plate



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:** Smooth formed, hardened double ball bearing raceways minimize ball indentation and wear
- **Legs:** 1/4" steel, formed to increase strength and welded to yoke base
- **King Bolt:** 5/8" diameter orbitally spun steel rivet
- **Axle:** 1/2" diameter hollow axle comes complete with lock nut for straight roller and ball bearings. Axle is solid for Delrin and Oillex bearings
- **Wheel Seals -** Nylon seal retaining/thrust washers
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle on straight roller and ball bearing wheels
- **Finish:** zinc plated
- **NSF** Consult factory
- Alternate or custom caster configurations available

RIG OPTIONS

- Hollow axle for plain bore, oillex and delrin applications specify **ZF07**
- **NSF** Listed for food service industry. Consult Factory.
- **Optional Overall Heights** see notes at end of 12 Series section.

BRAKE OPTIONS

Cam Brake
specify **CB**
(Requires 01, 02, 23, or 52 bearing)



Face Brake
specify **FBA**

Single Side specify **SSB**, **Double Sided** specify **DSB**
(Requires 01, 02, 23, or 52 bearing)



Hand operated field installable swivel lock specify **SL120000**

BEARING OPTIONS



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)	Caster Number
For swivel models add "S" to end of caster number. For rigid models add "R" to end of caster number.						

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
For swivel models add "S" to end of caster number. For rigid models add "R" to end of caster number.						

Moldon Rubber on Cast Iron (01 Roller Bearing)

Wheel Diameter		Overall Height		Swivel Lead		Swivel Specity		Rigid Specity		POPULAR MODEL!
	3 3/4	1 1/2	140	4 1/4	1 3/4	5				12MR03101
	4	1 1/2	250	5 5/8	1 11/16	5 1/2				12MR04101
	4	2	300	5 5/8	1 11/16	7 1/4				12MR04201
	5	1 1/2	350	6 1/2	1 5/8	5 3/4				12MR05101
	5	2	450	6 1/2	1 5/8	7 3/4				12MR05201
	6	2	500	7 3/8	1 3/4	9 1/4				12MR06201
	8	2	600	9 1/2	1 3/4	11 1/4				12MR08201

Moldon Rubber on Aluminum (01 Roller Bearing)



Metric Rubber on Aluminum (5" Roller Bearing)						
4	1 1/2	250	5 5/8	1 11/16	5 1/2	12MD04101
5	1 1/2	300	6 1/2	1 5/8	5 3/4	12MD05101
6	2	550	7 3/8	1 3/4	6	12MD06201
8	2	600	9 1/2	1 3/4	6 1/2	12MD08201

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

Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Caster Number
6	2	600	7 3/8"	1 3/4"	6 1/2"	12XR06201
8	2	675	9 1/2"	1 3/4"	7 1/2"	12XR08201

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

Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Caster Number
4	2	350	5 5/8"	1 11/16"	5	12XS04201
5	2	375	6 1/2"	1 5/8"	5 3/4"	12XS05201
6	2	600	7 3/8"	1 3/4"	6 1/2"	12XS06201
8	2	675	9 1/2"	1 3/4"	7 1/2"	12XS08201

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

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

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

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

High Modulus Rubber on Aluminum (28 Precision Ball Bearing)

5	2	300	6 1/2	1 5/8	6 1/2	12RM05228
6	2	350	7 3/8	1 3/4	7 1/2	12RM06228
8	2	450	9 1/2	1 3/4	9 1/2	12RM08228

RM

NEW MODEL!



For black tread specify "RL" wheel code (example 12RL05228).

Pneumatic (27 Industrial Ball Bearing)

6	2	200	7 3/8	1 3/4	6 1/2	12SF06227
8	2	210	9 1/2	1 3/4	7 1/2	12SF08227

SF

Polypropylene (01 Roller Bearing)*

4	1 1/2	400	5 5/8	1 11/16	5	12PB04101
4	2	450	5 5/8	1 11/16	5 1/2	12PB04201
5	1 1/2	450	6 1/2	1 5/8	5 1/2	12PB05101
5	2	650	6 1/2	1 5/8	5 1/2	12PB05201
6	1 1/2	550	7 3/8	1 3/4	5 1/2	12PB06101
6	2	750	7 3/8	1 3/4	5 3/4	12PB06201
8	2	1000	9 1/2	1 3/4	7	12PB08201

PB

*Delrin (51) Bearings or plain bore (41) models available.
Change "01" example: 12PB04251. Note: Delrin 5"x2" model capacities reduce to 550lbs, 6"x2" to 650lbs, 8"x2" to 600lbs.**Fiberglass Filled Polypropylene (01 Roller Bearing)***

4	2	800	5 5/8	1 11/16	7	12GP04201
5	2	1000	6 1/2	1 5/8	8	12GP05201
6	2	1200	7 3/8	1 3/4	9 3/4	12GP06201
8	2	1250	9 1/2	1 3/4	10	12GP08201

GP

*Delrin (51) Bearings or plain bore (41) models available.
Change "01" example: 12GP04251.**Polyurethane on Aluminum Flat Tread (01 Roller Bearing) POPULAR MODEL!**

4	1 1/2	600	5 5/8	1 11/16	5 1/4	12PD04101
4	2	700	5 5/8	1 11/16	5 3/4	12PD04201
5	1 1/2	720	6 1/2	1 5/8	5 3/4	12PD05101
5	2	1050	6 1/2	1 5/8	6	12PD05201
6	2	1230	7 3/8	1 3/4	6 1/4	12PD06201
8	2	1250	9 1/2	1 3/4	7 1/2	12PD08201

PD

Polyurethane on Cast Iron (01 Roller Bearing)

4	2	700	5 5/8	1 11/16	7 1/2	12PI04201
5	2	1000	6 1/2	1 5/8	8 1/2	12PI05201
6	2	1200	7 3/8	1 3/4	10	12PI06201
8	2	1250	9 1/2	1 3/4	13	12PI08201

PI

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

5	2	1000	6 1/2	1 5/8	7	12PM05228
6	2	1250	7 3/8	1 3/4	8	12PM06228
8	2	1250	9 1/2	1 3/4	10	12PM08228

PM

Multiple durometers available.

Polyurethane on Cast Iron (01 Roller Bearing)

3 1/4	1 5/8	420	4 1/4	1 3/4	5 1/2	12PY03101
3 1/4	2 3/16	540	4 1/4	1 3/4	6 1/2	12PY03201
6	1 1/2	840	7 3/8	1 3/4	7 3/4	12PY06101

PY

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.**Polyurethane on Polypropylene (01 Roller Bearing)**

4	2	700	5 5/8	1 11/16	5	12XA04201
5	2	750	6 1/2	1 5/8	6 3/4	12XA05201
6	2	900	7 3/8	1 3/4	7 1/2	12XA06201
8	2	1000	9 1/2	1 3/4	8	12XA08201

XA

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.**X-Treme™ Solid Polyurethane (01 Roller Bearing)***

4	2	1000	5 5/8	1 11/16	5 3/4	12XI04201
5	2	1000	6 1/2	1 5/8	6	12XI05201
6	2	1000	7 3/8	1 3/4	7	12XI06201
8	2	1000	9 1/2	1 3/4	8 1/2	12XI08201

XI

*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 12XI04229.

Phenolic (01 Roller Bearing)

3 1/4	1 1/2	600	4 1/4	1 3/4	5	12TM03101
3 1/4	2	700	4 1/4	1 3/4	5 1/4	12TM03201
4	1 1/2	600	5 5/8	1 11/16	5 1/4	12TM04101
4	2	800	5 5/8	1 11/16	5 3/4	12TM04201
5	1 1/2	600	6 1/2	1 5/8	5 3/4	12TM05101
5	2	1000	6 1/2	1 5/8	6	12TM05201
6	1 1/2	800	7 3/8	1 3/4	7	12TM06101
6	2	1200	7 3/8	1 3/4	8 1/2	12TM06201
8	2	1250	9 1/2	1 3/4	8 1/2	12TM08201

TM

Maxim® (01 Roller Bearing)*

3 1/4	2	800	5 5/8	1 11/16	5 3/4	12NG03201
4	2	800	5 5/8	1 11/16	5 3/4	12NG04201
5	2	1000	6 1/2	1 5/8	6	12NG05201
6	2	1200	7 3/8	1 3/4	7	12NG06201
8	2	1250	9 1/2	1 3/4	8 1/2	12NG08201

NG

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

*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 12NG04229.

Maxim® NR Noise Reduction (01 Roller Bearing)*

4	2	800	5 5/8	1 11/16	5 3/4	12NR04201
5	2	1000	6 1/2	1 5/8	6	12NR05201
6	2	1200	7 3/8	1 3/4	7	12NR06201
8	2	1250	9 1/2	1 3/4	8 1/2	12NR08201

NR

*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 16NR04229.

White Nylon (01 Roller Bearing)*

5	2	600	6 1/2	1 5/8	6	12NW05201
6	2	900	7 3/8	1 3/4	7	12NW06201
8	2	1100	9 1/2	1 3/4	8 1/2	12NW08201

NW

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

8	2	1250	9 1/2	1 3/4	7 1/2	12NY08228
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NY

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
For swivel models add "S" to end of caster number. For rigid models add "R" to end of caster number.						

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
For swivel models add "S" to end of caster number. For rigid models add "R" to end of caster number.						

Trionix™ NX High Impact Polymer (28 Precision Ball Bearing) NEW MODEL!

	4	2	1250	55/8	111/16	71/2	12NX04228
	5	2	1250	61/2	15/8	81/2	12NX05228
	6	2	1250	73/8	13/4	10	12NX06228
	8	2	1250	91/2	13/4	13	12NX08228

NX

Drop Forged Steel (01 Roller Bearing)*

	4	11/2	1250	55/8	111/16	71/2	12FS04101
	5	13/4	1250	61/2	15/8	91/2	12FS05201
	6	2	1250	73/8	13/4	101/2	12FS06201

FS

Cast Iron (01 Roller Bearing)

	31/4	11/2	400	41/4	13/4	5	12CA03101
	31/4	2	700	41/4	13/4	71/2	12CA03201
	4	11/2	600	55/8	111/16	61/2	12CA04101
	4	2	700	55/8	111/16	71/2	12CA04201
	5	11/2	600	61/2	15/8	71/2	12CA05101
	5	2	1000	61/2	15/8	81/2	12CA05201
	6	11/2	800	73/8	13/4	81/2	12CA06101
	6	2	1200	73/8	13/4	101/2	12CA06201
	8	2	1250	91/2	13/4	13	12CA08201

CA

Heavy Duty Cast Iron (01 Roller Bearing)

	5	2	1200	61/2	15/8	8	12CH05201
	6	2	1250	73/8	13/4	11	12CH06201
	8	2	1250	91/2	13/4	14	12CH08201

CH

Optional Overall Heights all 12 Series Models:

Wheel Diameter	Overall Height	Swivel Lead	Swivel Specify	Rigid Specify
3-1/4"	5-1/4"	1-11/16"	HS42	HR42
4"	5-1/4"	1-11/16"	HS86	HR86
5"	6-1/8"	1-11/16"	HS50	HR50
5"	6-3/4"	1-3/4"	HS54	HR54
6"	7-1/4"	1-3/4"	HS82	HR82
8"	10"	1-3/4"	HS81	HR81

Ductile Iron Crowned Tread (01 Roller Bearing)* NEW MODEL!

	5	2	1250	61/2	15/8	8	12FM05201
	6	2	1250	73/8	13/4	11	12FM06201
	8	2	1250	91/2	13/4	14	12FM08201

FR,FM

Prevenz™ Antimicrobial Wheels

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





IMPROVE ROLLABILITY WITH THE ALBION ERGONOMIC ADVANTAGE

Pedestal Precision Ball Bearings—(Specify bearing #29). Completely sealed, these precision ground ball bearings are constructed using hardened raceways to give you the ultimate in rolling ease. In fact, this bearing offers the lowest rolling resistance of all of our bearings. Plus it never needs to be lubricated to cut maintenance time and cost.



14

Scaffolding Casters



Designed for scaffolds. This caster features an easy to engage total locks that locks both wheel and swivel and allow easy locking and repositioning.

TYPICAL APPLICATIONS

- Scaffolding

MOUNTING AND SWIVEL CROSS SECTION
Standard Plate

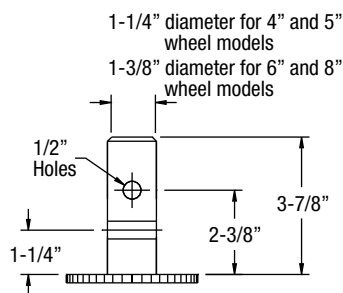
Stem length is 37/8".
For a more secure installation there are 1/2" cross-drilled holes.

FEATURES

- **Total Lock Brake:** Easy to engage for swivel and wheels
- **Zerks:** Swivel and hub for easy lubrication
- **Sealed Swivel Section:** Keeps out debris
- **King Bolt:** King bolt and nut construction for added strength

BEARING

Straight
Roller (01)



Wheel Diameter
(Inches)

Tread Width
(Inches)

Capacity (Lbs)
(Rate for manual operation)

Overall Height
(Inches)

Stem Diameter
(Inches)

Caster
Number

Rubber on Iron Core (Roller Bearings)



MR

4	2	350	5	1 1/4	14MR04201SSSC
5	2	450	6	1 1/4	14MR05201SSSC
6	2	500	7 1/4	1 3/8	14MR06201SSSC
8	2	600	9 1/4	1 3/8	14MR08201SSSC

Wheel Diameter
(Inches)

Tread Width
(Inches)

Capacity (Lbs)
(Rate for manual operation)

Overall Height
(Inches)

Stem Diameter
(Inches)

Caster
Number

Polyurethane on Iron Core (Roller Bearings)



PI

4	2	700	5	1 1/4	14PI04201SSSC
5	2	800	6	1 1/4	14PI05201SSSC
6	2	800	7 1/4	1 3/8	14PI06201SSSC
8	2	800	9 1/4	1 3/8	14PI08201SSSC

POLYURETHANE
EXPERTS

Albion Industries knows polyurethane. With more than 50 years experience leading the caster and wheel industry, our customers are depending on us to keep business on the move. Although this catalog focuses on our wheel capability, ALBION polyurethane expertise is applied to a wide range of industrial products in a variety of shapes and sizes.

15

EMPIRE™ Casters & Wheels Medium Heavy Duty Casters

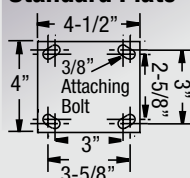


Empire medium heavy duty casters are cold formed steel and recommended for medium to medium heavy duty applications.

TYPICAL APPLICATIONS

- Dollies
- Waste disposal trucks
- Warehouse trucks
- Floor Trucks
- Shop carts

MOUNTING OPTIONS Standard Plate



Swivel Cross Section



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:** Smooth formed, double ball bearing raceways
- **Fork Legs:** 1/4" steel, formed to increase strength and welded to yoke base
- **King Pin:** 5/8" diameter orbitally spun steel rivet
- **Axle:** 1/2" diameter hollow axle complete with lock nut with straight roller and ball bearings. Axle is solid with Plain Bore, Delrin and Oilex bearings
- **Wheel seals:** Nylon seal retaining/thrust washers
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle on straight roller and ball bearing wheels
- **Finish:** Rigs zinc plated to resist corrosion.

BRAKE OPTIONS



Cam Brake
Specify CB



Face Brake
Specify FBA



Grip Lock
Specify GL16



Side Brake
SSB single
DSB Double



Face Brake
Specify FBB



Foot Operated Swivel Lock
Specify SL150000



Swivel Lock
hand operated
field installable
Specify L

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rate for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
4	2	350	5 5/8	1 11/16	5 1/4	15IM04201
5	2	400	6 1/2	1 5/8	5 1/2	15IM05201
6	2	410	7 1/2	1 3/4	8	15IM06201
8	2	450	9 1/2	1 3/4	10 1/4	15IM08201

Rubber on Iron (01 Roller Bearing)

4	2	350	5 5/8	1 11/16	5 1/4	15IM04201
5	2	400	6 1/2	1 5/8	5 1/2	15IM05201
6	2	410	7 1/2	1 3/4	8	15IM06201
8	2	450	9 1/2	1 3/4	10 1/4	15IM08201

TPR on Polypropylene (Flat Tread) (01 Roller Bearing)*

4	2	300	5 5/8	1 11/16	5 1/4	15IS04201
5	2	400	6 1/2	1 5/8	5 1/4	15IS05201
6	2	500	7 1/2	1 3/4	6	15IS06201
8	2	600	9 1/2	1 3/4	6 1/2	15IS08201

TPR on Polypropylene (Round Tread) (01 Roller Bearing)*

4	2	250	5 5/8	1 11/16	5 1/4	15IR04201
5	2	350	6 1/2	1 5/8	5 1/2	15IR05201
6	2	450	7 1/2	1 3/4	5 1/2	15IR06201
8	2	550	9 1/2	1 3/4	6 1/2	15IR08201

Polypropylene (01 Roller Bearing)*

4	2	450	5 5/8	1 11/16	4 1/2	15IB04201
5	2	550	6 1/2	1 5/8	5	15IB05201
6	2	650	7 1/2	1 3/4	6	15IB06201
8	2	850	9 1/2	1 3/4	5 1/2	15IB08201

Polyurethane on Cast Iron (01 Roller Bearing)

4	2	700	5 5/8	1 11/16	7	15IP04201
5	2	900	6 1/2	1 5/8	8	15IP05201
6	2	900	7 1/2	1 3/4	9 3/4	15IP06201
8	2	900	9 1/2	1 3/4	10	15IP08201

Polyurethane on Polypropylene Flat Tread (01 Roller Bearing)

4	2	500	5 5/8	1 11/16	4 1/4	15IX04201
5	2	600	6 1/2	1 5/8	4 3/4	15IX05201
6	2	800	7 1/2	1 3/4	5 1/2	15IX06201
8	2	900	9 1/2	1 3/4	7 1/2	15IX08201

Polyurethane on Polypropylene Round Tread (01 Roller Bearing)

4	2	400	5 5/8	1 11/16	4 1/4	15IZ04201
5	2	500	6 1/2	1 5/8	4 3/4	15IZ05201
6	2	700	7 1/2	1 3/4	5 1/2	15IZ06201
8	2	800	9 1/2	1 3/4	7 1/2	15IZ08201

Phenolic (01 Roller Bearing)

4	2	800	5 5/8	1 11/16	5	15TM04201
5	2	1000	6 1/2	1 5/8	5 1/4	15TM05201
6	2	900	7 1/2	1 3/4	6 1/4	15TM06201
8	2	1200	9 1/2	1 3/4	8	15TM08201

Cast Iron (01 Roller Bearing)

4	2	700	5 5/8	1 11/16	7	15IC04201
5	2	900	6 1/2	1 5/8	8	15IC05201
6	2	900	7 1/2	1 3/4	9 3/4	15IC06201
8	2	900	9 1/2	1 3/4	12 1/2	15IC08201

15 SERIES • CAPACITY TO 1200

16

Medium Heavy Duty Casters

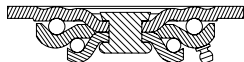


16 Series casters are cold formed, heat treated steel and recommended for medium to medium heavy duty applications.

TYPICAL APPLICATIONS

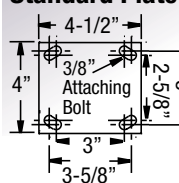
- Dollies
- Waste disposal trucks
- Warehouse trucks
- Floor Trucks
- Shop carts

Swivel Cross Section

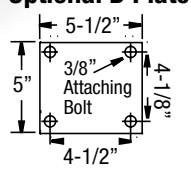


MOUNTING OPTIONS

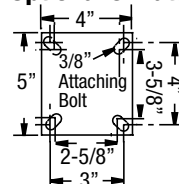
Standard Plate



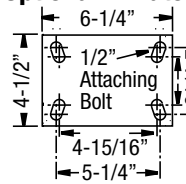
Optional D Plate



Optional J Plate



Optional K Plate



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:** Heat treated, 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
- **King Pin:** 5/8" diameter orbitally spun steel rivet
- **Axle:** 1/2" diameter hollow axle complete with lock nut with straight roller and ball bearings. Axle is solid with Plain Bore, Delrin and Oilex bearings
- **Wheel seals:** Nylon seal retaining/thrust washers
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle on straight roller and ball bearing wheels
- **Finish:** Rigs zinc plated to resist corrosion.
- **NSF Listed** for food service industry
- Alternate or custom caster configurations available

BEARING OPTIONS



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

RIG OPTIONS

- King bolt and nut. Specify **KB16**.
- Neoprene sealed swivel section. Specify **SS02**.
- NSF Listed for food service industry. Specify **NSF**.
- Notched seal kit. Specify **SD016001**.
- Unnotched seal kit. Specify **SD016002**.
- **Optional Overall Heights** see notes at end of 16 Series section.

BRAKE OPTIONS

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

Grip Lock specify **GL1**

Cam specify **CB1**

Face Brake specify **FBA**

Single Side specify **SSB**. **Double Sided** specify **DSB**

NEW! Face Brake specify **FBB**

Swivel Lock (welded) specify **L**

Hand operated field installable swivel lock specify **SL160000**

Foot operated field installable swivel lock specify **SL160002**

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
3 1/4	1 1/2	140	4 1/4	1 3/4	4 1/2	16MR03101
4	1 1/2	250	5 5/8	1 11/16	5 3/4	16MR04101
4	2	300	5 5/8	1 11/16	5 1/4	16MR04201
5	1 1/2	350	6 1/2	1 5/8	6	16MR05101
5	2	450	6 1/2	1 5/8	5 1/2	16MR05201
6	2	500	7 1/4	1 3/4	8	16MR06201
8	2	600	9 1/2	1 3/4	10 1/4	16MR08201

Moldon Rubber on Cast Iron (01 Roller Bearing)

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
3 1/4	1 1/2	140	4 1/4	1 3/4	4 1/2	16MR03101
4	1 1/2	250	5 5/8	1 11/16	5 3/4	16MR04101
4	2	300	5 5/8	1 11/16	5 1/4	16MR04201
5	1 1/2	350	6 1/2	1 5/8	6	16MR05101
5	2	450	6 1/2	1 5/8	5 1/2	16MR05201
6	2	500	7 1/4	1 3/4	8	16MR06201
8	2	600	9 1/2	1 3/4	10 1/4	16MR08201

Heavy Duty Moldon Rubber on Cast Iron (01 Roller Bearing) NEW PRODUCT!

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
4	1 1/2	400	5 5/8	1 11/16	5 3/4	16MH04101
5	2	700	6 1/2	1 5/8	5 1/2	16MH05201
6	2	820	7 1/4	1 3/4	8	16MH06201
8	2	1000	9 1/2	1 3/4	10 1/4	16MH08201

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
4	1 1/2	250	5 5/8	1 11/16	4 3/4	16MD04101
5	1 1/2	300	6 1/2	1 5/8	5	16MD05101
6	2	550	7 1/4	1 3/4	6	16MD06201
8	2	600	9 1/2	1 3/4	6 1/2	16MD08201

Moldon Rubber on Aluminum (01 Roller Bearing)

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
4	1 1/2	250	5 5/8	1 11/16	4 3/4	16MD04101
5	1 1/2	300	6 1/2	1 5/8	5	16MD05101
6	2	550	7 1/4	1 3/4	6	16MD06201
8	2	600	9 1/2	1 3/4	6 1/2	16MD08201

Pneumatic (27 Radial Ball Bearing)

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
6	2	200	7 1/4	1 3/4	5 1/2	16SF06227
8	2	210	9 1/2	1 3/4	6 1/2	16SF08227

Other sizes available. See Pneumatic Caster section.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (rated for normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
						

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (rated for normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
						

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

X-tra Soft (Flat Tread) (01 Roller Bearing)***POPULAR MODEL!****XS**

4	2	350	55/8	111/16	51/4	16XS04201
5	2	375	61/2	15/8	51/2	16XS05201
6	2	600	71/4	13/4	6	16XS06201
8	2	675	91/2	13/4	61/2	16XS08201

Prevenz™ antimicrobial models available.

Add PREV to end of caster number.

*Precision Ball (28) and Delrin (51) Bearings available.
Change "01" to other bearing code. Precision Ball example:
16XS042**28**, Delrin example: 16XS042**51**

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

6	2	600	71/4	13/4	51/2	16XR06201
8	2	675	91/2	13/4	61/2	16XR08201

Prevenz™ antimicrobial models available.

Add PREV to end of caster number.

*Precision Ball (28) and Delrin (51) Bearings available.
Change "01" to other bearing code. Precision Ball example:
16XR042**28**, Delrin example: 16XR042**51**

High Modulus Rubber on Aluminum (28 Precision Ball Bearing)**RM**

5	2	300	61/2	15/8	51/2	16RM05228
6	2	350	71/4	13/4	61/2	16RM06228
8	2	450	91/2	13/4	81/2	16RM08228

NEW MODEL!

For black tread specify "RL" wheel
code (example 16RL05228).

Solid Rubber (01 Roller Bearing)**RR**

4	2	220	55/8	111/16	6	16RR04201
5	2	325	61/2	15/8	61/2	16RR05201
6	2	350	71/4	13/4	63/4	16RR06201

Polypropylene (01 Roller Bearing)***PB**

4	11/2	400	55/8	111/16	41/2	16PB04101
4	2	450	55/8	111/16	41/2	16PB04201
5	11/2	450	61/2	15/8	5	16PB05101
5	2	550	61/2	15/8	5	16PB05201
6	11/2	550	71/4	13/4	53/4	16PB06101
6	2	650	71/4	13/4	6	16PB06201
8	2	850	91/2	13/4	51/2	16PB08201

*Delrin (51) Bearings or plain bore (41) models available.

Change "01" example: 16PB04**251**.**Fiberglass Filled Polypropylene (01 Roller Bearing)*****NEW MODEL!****GP**

4	2	800	55/8	111/16	7	16GP04201
5	2	1000	61/2	15/8	8	16GP05201
6	2	1200	71/4	13/4	93/4	16GP06201
8	2	1250	91/2	13/4	10	16GP08201

*Delrin (51) Bearings or plain bore (41) models available.

Change "01" example: 16GP04**251**.**White Polypropylene (Plain Bore)****PW**

4	2	450	55/8	111/16	41/2	16PW04241
5	2	550	61/2	15/8	5	16PW05241
6	2	650	71/4	13/4	6	16PW06241

High Temp Polypropylene (Plain Bore)**RW**

4	2	500	55/8	111/16	5	16RW04241
5	2	650	61/2	15/8	51/2	16RW05241
6	2	700	71/4	13/4	6	16RW06241
8	2	900	91/2	13/4	61/2	16RW08201

Polyurethane on Aluminum Flat Tread (01 Roller Bearing)**POPULAR MODEL!****PD**

4	11/2	600	55/8	111/16	41/2	16PD04101
4	2	700	55/8	111/16	5	16PD04201
5	11/2	720	61/2	15/8	5	16PD05101
5	2	1050	61/2	15/8	51/4	16PD05201
6	2	1230	71/4	13/4	53/4	16PD06201
8	2	1250	91/2	13/4	7	16PD08201

Polyurethane on Cast Iron (01 Roller Bearing)**PI**

4	2	700	55/8	111/16	7	16PI04201
5	2	1000	61/2	15/8	8	16PI05201
6	2	1200	71/4	13/4	93/4	16PI06201
8	2	1250	91/2	13/4	10	16PI08201

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)**PM**

5	2	1000	61/2	15/8	6	16PM05228
6	2	1250	71/4	13/4	7	16PM06228
8	2	1250	91/2	13/4	9	16PM08228

Polyurethane on Cast Iron (01 Roller Bearing)**PY**

31/4	15/8	420	41/4	13/4	41/4	16PY03101
31/4	23/16	540	41/4	13/4	43/4	16PY03201
6	11/2	840	71/4	13/4	73/4	16PY06101

Prevenz™ antimicrobial models available.

Add PREV to end of caster number.

Polyurethane on Polypropylene (01 Roller Bearing)**POPULAR MODEL!****XA**

4	2	700	55/8	111/16	41/4	16XA04201
5	2	750	61/2	15/8	43/4	16XA05201
6	2	900	71/4	13/4	51/2	16XA06201
8	2	1000	91/2	13/4	71/2	16XA08201

Prevenz™ antimicrobial models available.

Add PREV to end of caster number.

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

4	2	1000	55/8	111/16	5	16XI04201
5	2	1000	61/2	15/8	51/2	16XI05201
6	2	1000	71/4	13/4	61/4	16XI06201
8	2	1000	91/2	13/4	8	16XI08201

*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29),
Annular Ball (31) and Delrin (51) bearings available. Change "01"
to other bearing code. Pedestal Precision example: 16XI04**229**.

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

4	2	1250	55/8	111/16	5	16XP04201
5	2	1200	61/2	15/8	51/2	16XP05201
6	2	1250	71/4	13/4	61/4	16XP06201
8	2	1200	91/2	13/4	8	16XP08201

Prevenz™ antimicrobial models available.

Add PREV to end of caster number.

*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29),
Annular Ball (31) and Delrin (51) bearings available. Change "01"
to other bearing code. Pedestal Precision example: 16XP04**229**.

V-Grooved Polyurethane (02 Drawn Cup Roller Bearing)***XV**

4	2	300	55/8	111/16	41/2	16XV04202
5	2	300	61/2	15/8	5	16XV05202
6	2	300	71/4	13/4	51/4	16XV06202
8	2	300	91/2	13/4	53/4	16XV08202

*Delrin (52) Bearings models available.

Change "02" example: 16XV04**252**.

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

3 1/4	1 1/2	600	4 1/4	1 3/4	4 1/2	16TM03101
3 1/4	2	700	4 1/4	1 3/4	4 1/2	16TM03201
4	1 1/2	600	5 5/8	1 11/16	4 1/2	16TM04101
4	2	800	5 5/8	1 11/16	5	16TM04201
5	1 1/2	600	6 1/2	1 5/8	5 1/4	16TM05101
5	2	1000	6 1/2	1 5/8	5 1/4	16TM05201
6	1 1/2	800	7 1/4	1 3/4	5 1/2	16TM06101
6	2	1200	7 1/4	1 3/4	6 1/4	16TM06201
8	2	1250	9 1/2	1 3/4	8	16TM08201

Straight Sided Phenolic (01 Roller Bearing)

4	2	800	5 5/8	1 11/16	5	16TH04201
5	2	1000	6 1/2	1 5/8	5 1/2	16TH05201
6	2	1250	7 1/4	1 3/4	6 1/4	16TH06201

Maxim® (01 Roller Bearing)*

3 1/4	2	800	4 1/4	1 11/16	5	16NG03201
4	2	800	5 5/8	1 11/16	5	16NG04201
5	2	1000	6 1/2	1 5/8	5 1/2	16NG05201
6	2	1200	7 1/4	1 3/4	6 1/4	16NG06201
8	2	1250	9 1/2	1 3/4	8	16NG08201

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29),
Annular Ball (31) and Delrin (51) bearings available. Change "01"
to other bearing code. Pedestal Precision example: 16NG04229.

Maxim® NR Noise Reduction (01 Roller Bearing)*

4	2	800	5 5/8	1 11/16	5	16NR04201
5	2	1000	6 1/2	1 5/8	5 1/2	16NR05201
6	2	1200	7 1/4	1 3/4	6 1/4	16NR06201
8	2	1250	9 1/2	1 3/4	8	16NR08201

*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29),
Annular Ball (31) and Delrin (51) bearings available. Change "01"
to other bearing code. Pedestal Precision example: 16NR04229.

Hi-Temp Nylon (01 Roller Bearing)

4	2	800	5 5/8	1 11/16	5 1/4	16HE04201
5	2	1000	6 1/2	1 5/8	6	16HE05201
6	2	1200	7 1/4	1 3/4	6 1/2	16HE06201
8	2	1250	9 1/2	1 3/4	7	16HE08201

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

8	2	1250	9 1/2	1 3/4	8	16NY08228
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Trionix™ NX High Impact Polymer (28 Precision Ball Bearing)

4	2	1250	5 5/8	1 11/16	7	16NX04228
5	2	1250	6 1/2	1 5/8	8	16NX05228
6	2	1250	7 1/4	1 3/4	9 3/4	16NX06228
8	2	1250	9 1/2	1 3/4	10	16NX08228

White Nylon (01 Roller Bearing)*

5	2	600	6 1/2	1 5/8	6	16NW05201
6	2	900	7 1/4	1 3/4	7	16NW06201
8	2	1100	9 1/2	1 3/4	8 1/2	16NW08201

NW

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
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Cast Iron (01 Roller Bearing)

3 1/4	1 1/2	400	4 1/4	1 3/4	4 1/2	16CA03101
3 1/4	2	700	4 1/4	1 3/4	6 3/4	16CA03201
4	1 1/2	600	5 5/8	1 11/16	6	16CA04101
4	2	1000	5 5/8	1 11/16	7	16CA04201
5	1 1/2	600	6 1/2	1 5/8	6 3/4	16CA05101
5	2	1250	6 1/2	1 5/8	8	16CA05201
6	1 1/2	800	7 1/4	1 3/4	7 3/4	16CA06101
6	2	1250	7 1/4	1 3/4	9 3/4	16CA06201
8	2	1250	9 1/2	1 3/4	12 1/2	16CA08201

Heavy Duty Cast Iron (01 Roller Bearing)

5	2	1250	6 1/2	1 5/8	9	16CH05201
6	2	1250	7 1/4	1 3/4	11	16CH06201
8	2	1250	9 1/2	1 3/4	14	16CH08201

Dropped Forged Steel (01 Roller Bearing)*

4	1 1/2	1250	5 5/8	1 11/16	7	16FS04101
5	1 3/4	1250	6 1/2	1 5/8	8 3/4	16FS05201
6	2	1250	7 1/4	1 3/4	9 3/4	16FS06201

*Tapered Roller bearings (09) available. Change "01" to other bearing code. (Example: 16FS04109).

V-Grooved Cast Iron (01 Roller Bearing)*

4	2	800	5 5/8	1 11/16	7	16VG04201
5	2	800	6 1/2	1 5/8	8 3/4	16VG05201
6	2	1000	7 1/4	1 3/4	9 3/4	16VG06201

*Tapered Roller bearings (09) available. Change "01" to other bearing code. (Example: 16VG04109).

Ductile Iron Crowned Tread (01 Roller Bearing)

5	2	1250	6 1/2	1 5/8	9	16FR05201
6	2	1250	7 1/4	1 3/4	11	16FR06201
8	2	1250	9 1/2	1 3/4	14	16FR08201

*Tapered Roller bearings (09) and Precision Ball (28) available.
(Tapered Roller example: 16FR05209).

Note: Ductile Iron Flat Tread (FM) models available.
Change FR wheel code to FM. Example: 12FM05201.

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.



Optional Overall Heights all 16 Series Models:

Wheel Diameter	Overall Height	Swivel Lead	Swivel Specity	Rigid Specity
3-1/4"	5-1/4"	1-11/16"	HS42	HR42
4"	5-1/4"	1-11/16"	HS86	HR86
5"	6-1/8"	1-11/16"	HS50	HR50
5"	6-3/4"	1-3/4"	HS54	HR54
6"	6-7/8"	2-1/2"	HS56	HR56
6"	7-3/8"	1-3/4"	HS59	HR59
6"	7-1/2"	1-7/8"	HS60	HR60
8"	10"	1-3/4"	HS81	HR81

18

Ergonomic Precision Casters

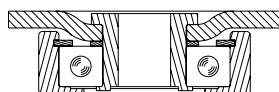


Ergonomic caster is designed for ease of movement. Sealed precision swivel is maintenance free and very easy to swivel. Notched yoke base is standard on all models for easy installation of swivel lock.

TYPICAL APPLICATIONS

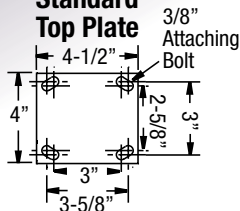
- Dollies
- Waste Disposal Trucks
- Warehouse Trucks
- Floor Trucks
- Shop Carts

Swivel Cross Section

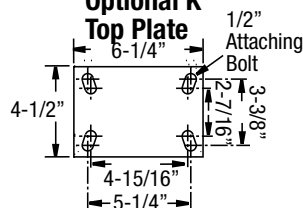


MOUNTING AND SWIVEL CROSS SECTION

Standard Top Plate



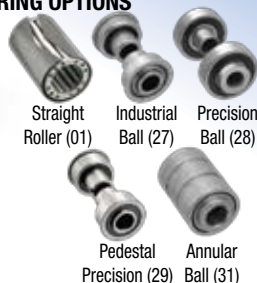
Optional K Top Plate



FEATURES

- **Top Plate & Yoke Base:** Cold formed from 1/4" steel plate. Yoke base is notched for factory or field-installable 4-position swivel lock
- **Swivel Section:** Precision sealed ball bearing eliminates need for routine maintenance
- **Legs:** 1/4" steel, formed to increase strength and welded on inside and outside of yoke base
- **Axle:** 1/2" diameter hollow axle complete with lock nut with straight roller and ball bearings
- **Finish:** All parts, except wheel, are zinc plated.

BEARING OPTIONS



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

BRAKE OPTIONS

Cam specify **CB1**



NEW!
Face Brake
specify **FBC**.

NEW!
Face Brake
specify **FBB**.



Hand operated field installable swivel lock specify **SL160000**

Foot operated field installable swivel lock specify **SL160002**



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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
4	2	350	5 5/8	1 11/16	6 1/4	18XS04229
5	2	375	6 1/2	1 5/8	7	18XS05229
6	2	600	7 1/2	1 3/4	6 1/2	18XS06229
8	2	675	9 1/2	1 3/4	7 1/2	18XS08229

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

X-tra Soft (Flat Tread) (29 Pedestal Precision)*

POPULAR MODEL!

4	2	350	5 5/8	1 11/16	6 1/4	18XS04229
5	2	375	6 1/2	1 5/8	7	18XS05229
6	2	600	7 1/2	1 3/4	6 1/2	18XS06229
8	2	675	9 1/2	1 3/4	7 1/2	18XS08229



XS

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

*Precision Ball (28) and Annular Ball (31) Bearings available.
Change "29" to other bearing code.
Precision Ball example: 18XS04228

X-tra Soft (Round Tread) (29 Pedestal Precision)*

6	2	600	7 1/2	1 3/4	6 1/2	18XR06229
8	2	675	9 1/2	1 3/4	7 1/2	18XR08229



XR

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

*Precision Ball (28) and Annular Ball (31) Bearings available.
Change "29" to other bearing code.
Precision Ball example: 18XR04228

High Modulus Rubber on Aluminum (28 Precision Ball Bearing)

5	2	300	6 1/2	1 5/8	5 1/2	18RM05228
6	2	350	7 1/2	1 3/4	6 1/2	18RM06228
8	2	450	9 1/2	1 3/4	8 1/2	18RM08228



RM

NEW MODEL!

For black tread specify "RL" wheel code (example 18RL05228).

Pneumatic (27 Radial Ball Bearing)

6	2	200	7 1/2	1 3/4	6 1/2	18SF06227
8	2	210	9 1/2	1 3/4	7 1/2	18SF08227



SF

Polyurethane on Aluminum Flat Tread (29 Pedestal Precision)*

4	1 1/2	600	5 5/8	1 11/16	5 1/2	18PD04129
4	2	700	5 5/8	1 11/16	6	18PD04229
5	1 1/2	720	6 1/2	1 5/8	6	18PD05129
5	2	1050	6 1/2	1 5/8	6 1/4	18PD05229
6	2	1230	7 1/2	1 3/4	6 3/4	18PD06229
8	2	1250	9 1/2	1 3/4	8	18PD08229



PD

*Precision Ball (28) and Annular Ball (31) Bearings available.
Change "29" to other bearing code.
Precision Ball example: 18PD04228

Continued on next page

18 Series Continued

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
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Fiberglass Filled Polypropylene (29 Pedestal Precision)* NEW MODEL!

4	2	800	55/8	111/16	8	18GP04229
5	2	1000	61/2	15/8	9	18GP05229
6	2	1200	71/2	13/4	103/4	18GP06229
8	2	1250	91/2	13/4	11	18GP08229



GP

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

5	2	1000	61/2	15/8	6	18PM05228
6	2	1250	71/2	13/4	7	18PM06228
8	2	1250	91/2	13/4	9	18PM08228



PM

Polyurethane on Polypropylene (29 Pedestal Precision)* POPULAR MODEL!

4	2	700	55/8	111/16	51/4	18XA04229
5	2	750	61/2	15/8	53/4	18XA05229
6	2	900	71/2	13/4	61/2	18XA06229
8	2	1000	91/2	13/4	81/2	18XA08229



XA

Prevenz™ antimicrobial models available.

Add PREV to end of caster number.

*Precision Ball (28) and Annular Ball (31) Bearings available.

Change "29" to other bearing code.

Precision Ball example: 18XA04228

X-Treme™ Solid Polyurethane (29 Pedestal Precision)*

4	2	1000	55/8	111/16	6	18XI04229
5	2	1000	61/2	15/8	61/2	18XI05229
6	2	1000	71/2	13/4	71/4	18XI06229
8	2	1000	91/2	13/4	9	18XI08229



XI

*Precision Ball (28) and Annular Ball (31) Bearings available.

Change "29" to other bearing code.

Precision Ball example: 18XI04228

X-Treme™ Plus Solid Polyurethane (29 Pedestal Precision)* POPULAR MODEL!

4	2	1250	55/8	111/16	6	18XP04229
5	2	1200	61/2	15/8	61/2	18XP05229
6	2	1250	71/2	13/4	71/4	18XP06229
8	2	1200	91/2	13/4	9	18XP08229



XP

Prevenz™ antimicrobial models available.

Add PREV to end of caster number.

*Precision Ball (28) and Annular Ball (31) Bearings available.

Change "29" to other bearing code.

Precision Ball example: 18XP04228

Maxim® (29 Pedestal Precision)*

31/4	2	800	55/8	111/16	6	18NG03229
4	2	800	55/8	111/16	6	18NG04229
5	2	1000	61/2	15/8	61/2	18NG05229
6	2	1200	71/2	13/4	71/4	18NG06229
8	2	1250	91/2	13/4	9	18NG08229



NG

Prevenz™ antimicrobial models available.

Add PREV to end of caster number.

*Precision Ball (28) and Annular Ball (31) Bearings available.

Change "29" to other bearing code.

Precision Ball example: 18NG04228

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
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White Nylon (29 Pedestal Precision)* NEW MODEL!

5	2	600	61/2	15/8	61/2	18NW05229
6	2	900	71/2	13/4	71/4	18NW06229
8	2	1100	91/2	13/4	9	18NW08229



NW

Maxim® NR Noise Reduction (29 Pedestal Precision)* NEW MODEL!

4	2	800	55/8	111/16	6	18NR04201
5	2	1000	61/2	15/8	61/2	18NR05201
6	2	1200	71/2	13/4	71/4	18NR06201
8	2	1250	91/2	13/4	9	18NR08201



NR

*Precision Ball (28) and Annular Ball (31) Bearings available.

Change "29" to other bearing code.

Precision Ball example: 18NR04228

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

8	2	1250	91/2	13/4	8	18NY08228
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NY

Trionix™ NX High Impact Polymer (28 Precision Ball Bearing) NEW MODEL!

4	2	1250	55/8	111/16	8	18NX04228
5	2	1250	61/2	15/8	9	18NX05228
6	2	1250	71/2	13/4	103/4	18NX06228
8	2	1250	91/2	13/4	11	18NX08228



NX

Ductile Iron Crowned Tread (28 Precision Ball Bearing) NEW MODEL!

5	2	1250	61/2	15/8	133/4	18FR05228
6	2	1250	71/2	13/4	14	18FR06228
8	2	1250	91/2	13/4	151/4	18FR08228



FR, FM

*Straight Roller (01) and Tapered Roller bearings (09) available.

(Tapered Roller example: 16FR05209).

Note: Ductile Iron Flat Tread (FM) models available.

Change FR wheel code to FM. Example: 12FM05201.

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™ XP Prevenz™

20/21

Business Machine Low Profile Casters

20/21 SERIES • CAPACITY TO 1200



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



BRAKE OPTIONS

Thumbscrew
specify **B**



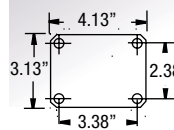
- High Capacity
- Low Height
- Stamped or Welded Construction

TYPICAL APPLICATIONS

- Dollies
- Server shelves
- Soda machines
- Business machine equipment

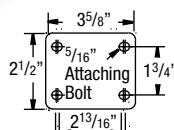
MOUNTING OPTIONS

Standard Model Plate



Attaching Bolt
20 Series: .35"
21 Series: .41"

02 Series Model Plate



Specify 02 at end of caster part no.

20 Series

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
3	1.81	500	3.97	1.08	3	20PB03201

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 Bearing)

3 | 1.81 | 700 | 3.97 | 1.08 | 3 | 20XP03228

Axle hole is 7/16"

21 Series

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
3	1.81	1200	4.16	.81	3	21NG03201

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 Bearing)

3 | 1.81 | 1200 | 4.16 | .81 | 3 | 21XP03228

Axle hole is 1/2"

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

40

Medium Duty Spring-Loaded Casters

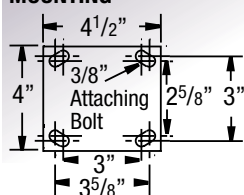


Designed with the load in mind, the 40 series protects from damaging shocks or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.

TYPICAL APPLICATIONS

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

MOUNTING

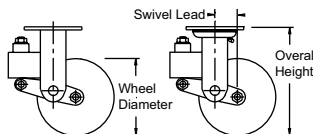


Swivel Cross Section



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**

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.

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

Mold-on Rubber on Cast Iron (01 Roller Bearing)*

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

MR

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

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

MH

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

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

MD

*Industrial Ball (27), Annular Ball (31) available. Change "01" bearing code. Industrial Ball example: 40MR05227

*Industrial Ball (27), Annular Ball (31) available. Change "01" bearing code. Industrial Ball example: 40MH05227

*Industrial Ball (27), Annular Ball (31) available. Change "01" bearing code. Industrial Ball example: 40MD05227

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
5	2	375	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

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

5	2	375	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

XS

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

6	2	450	8 1/2	13/4	8 1/2	40XR06201
8	2	500	10 1/2	13/4	9 1/2	40XR08201

XR

Pneumatic (27 Industrial Ball Bearing)

6	2	200	8 1/2	13/4	8 1/2	40SF06227
8	2	210	10 1/2	13/4	9 1/2	40SF08227

SF

POPULAR MODEL!

5	2	375	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), Annular Ball (31) available. Change "01" bearing code. Industrial Ball example: 40XS05227

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

*Industrial Ball (27), Annular Ball (31) available. Change "01" bearing code. Industrial Ball example: 40XR05227

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

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Fiberglass Filled Polypropylene (01 Roller Bearing)***NEW MODEL!**

5	2	500	8	13/4		40GP05201
6	2	500	8 1/2	13/4		40GP06201
8	2	500	10 1/2	13/4		40GP08201

**GP****Polyurethane on Aluminum Flat Tread (01 Roller Bearing)*****POPULAR MODEL!**

5	2	500	8	13/4	9	40PD05201
6	2	500	8 1/2	13/4	8 3/4	40PD06201
8	2	500	10 1/2	13/4	10	40PD08201

**PD**

*Industrial Ball (27), Annular Ball (31) available. Change "01" bearing code. Industrial Ball example: 40PD05227

Polyurethane on Cast Iron (01 Roller Bearing)*

5	2	500	8	13/4	12 1/4	40PI05201
6	2	500	8 1/2	13/4	12 3/4	40PI06201
8	2	500	10 1/2	13/4	15 1/4	40PI08201

**PI**

*Industrial Ball (27), Annular Ball (31) available. Change "01" bearing code. Industrial Ball example: 40PI05227

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

5	2	500	8	13/4	11	40PM05228
6	2	500	8 1/2	13/4	12 1/2	40PM06228
8	2	500	10 1/2	13/4	13	40PM08228

**PM****Polyurethane on Polypropylene (01 Roller Bearing)*****POPULAR MODEL!**

5	2	500	8	13/4	8	40XA05201
6	2	500	8 1/2	13/4	8 3/4	40XA06201
8	2	500	10 1/2	13/4	9 1/2	40XA08201

**XA**

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

*Industrial Ball (27), Annular Ball (31) available. Change "01" bearing code. Industrial Ball example: 40XA05227

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

5	2	500	8	13/4	7 1/4	40XI05201
6	2	500	8 1/2	13/4	7 3/4	40XI06201
8	2	500	10 1/2	13/4	9 1/4	40XI08201

**XI**

*Industrial Ball (27), Precision Ball (28), Annular Ball (31) available.
Change "01" bearing code. Industrial Ball example: 40XI05227

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

5	2	500	8	13/4	7 1/4	40XP05201
6	2	500	8 1/2	13/4	7 3/4	40XP06201
8	2	500	10 1/2	13/4	9 1/4	40XP08201

**XP**

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

*Industrial Ball (27), Precision Ball (28), Annular Ball (31) available.
Change "01" bearing code. Industrial Ball example: 40XP05227

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

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Maxim® (01 Roller Bearing)*

5	2	500	8	13/4	9	40NG05201
6	2	500	8 1/2	13/4	9 1/2	40NG06201
8	2	500	10 1/2	13/4	11 1/4	40NG08201

**NG**

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

*Industrial Ball (27), Annular Ball (31) available. Change "01" bearing code. Industrial Ball example: 40NG05227

Maxim® NR Noise Reduction (01 Roller Bearing)*

5	2	500	8	13/4	9	40NR05201
6	2	500	8 1/2	13/4	9 1/2	40NR06201
8	2	500	10 1/2	13/4	11 1/4	40NR08201

**NR**

*Industrial Ball (27), Annular Ball (31) available. Change "01" bearing code. Industrial Ball example: 40NR05227

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

8	2	500	10 1/2	13/4	9 1/4	40NY08228
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**NY****Trionix™ NX High Impact Polymer (28 Precision Ball Bearing)**

5	2	500	8	13/4	12 1/4	40NX05228
6	2	500	8 1/2	13/4	12 3/4	40NX06228
8	2	500	10 1/2	13/4	15 1/4	40NX08228

**NX****White Nylon (01 Roller Bearing)*****NEW MODEL!**

5	2	500	8	13/4		40NW05201
6	2	500	8 1/2	13/4		40NW06201
8	2	500	10 1/2	13/4		40NW08201

**NW****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™ PY Prevenz™ XA Prevenz™ NG Prevenz™ XP Prevenz™

41

NEW MODEL!

SpringGuard™ Spring-Loaded Casters



FEATURES

- Springs are encapsulated and protected by a urethane SpringGuard™ for added safety
- Fully heat treated double ball raceway construction, extends the life of the caster
- Top plate and legs are made from 1/4" thick cold formed steel
- Standard 4 1/2" x 6 1/4" top plate

RIG OPTIONS

- Neoprene sealed swivel section specify **NS40**
- Hollow axle specify **ZF07**

BRAKE OPTIONS

Single Side and **Double Sided** Brakes available. Consult Factory.

Swivel Lock available (welded). Consult Factory.

BEARING OPTIONS



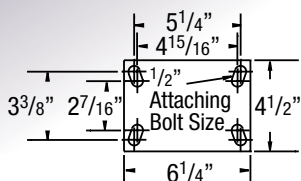
Precision Ball (28)

Spring into safety with this clever new spring loaded caster that features SpringGuard™. The spring is not exposed ... instead it is protected by a urethane guard for additional safety.

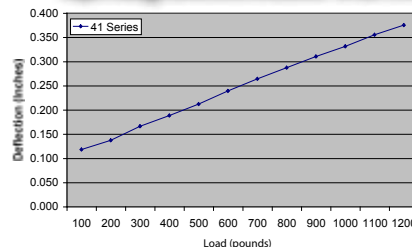
TYPICAL APPLICATIONS

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

MOUNTING



Spring Deflection Curve



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



Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Rig Type	Caster Number
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41 Series Polyurethane on Aluminum 90A Durometer (Green Tread with Precision Bearing)

6	2	800	77/8	2	Swivel	41PM06228S
6	2	800	77/8	2	Rigid	41PM06228R

41 Series Polyurethane on Aluminum 80A Durometer (Butterscotch Tread with Precision Bearing)

6	2	800	77/8	2	Swivel	41PM06228S80A
6	2	800	77/8	2	Rigid	41PM06228R80A

41 Series X-tra Soft Rubber (Flat Tread with Precision Bearing)

6	2	500	77/8	2	Swivel	41XS06228S
6	2	500	77/8	2	Rigid	41XS06228R