

110

Contender™ Kingpinless Casters

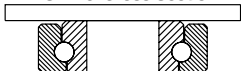


“Stamped Steel” fully heat treated construction is more durable than competitor’s case or induction hardened construction.

TYPICAL APPLICATIONS

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

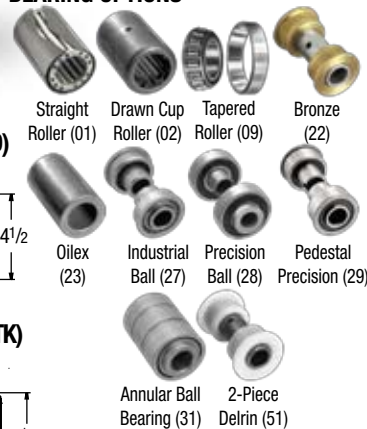
Swivel Cross Section



FEATURES

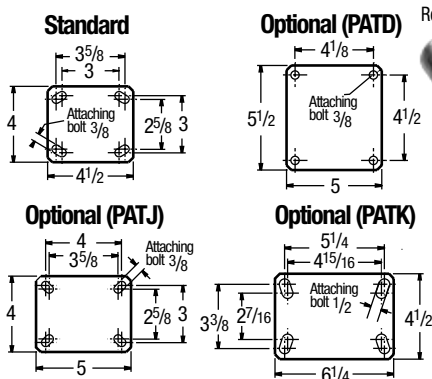
- **Top Plate:** 5/16" AISI 1045 steel welded and heat treated for longer life
- **Yoke Base:** Notched AISI 1045 steel
- **Swivel Section:** One row of 3/8" ball bearings mounted in a heat treated precision machined race-way. Zerk in swivel section.
- **Axle:** 1/2" diameter hollow axle with zerk fitting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

BEARING OPTIONS



- Straight Roller (01)
- Drawn Cup Roller (02)
- Tapered Roller (09)
- Bronze (22)
- Oilex (23)
- Industrial Ball (27)
- Precision Ball (28)
- Pedestal Precision (29)
- Annular Ball Bearing (31)
- 2-Piece Delrin (51)

MOUNTING OPTIONS



RIG OPTIONS

- **Optional Overall heights** of 9 1/2 for 8" wheel diameter models add **-01** to end of model number.

BRAKE OPTIONS

Cam specify **CB110**



Single Side specify **SSB110**. **Double Sided** specify **DSB110**.

New! Face Brake specify **FBB**

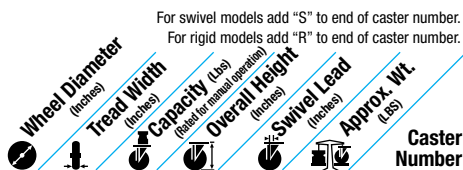


New! Face Brake specify **FBC** (Not available with swivel lock)

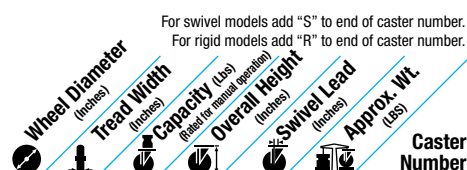
Hand operated field installable swivel lock specify **SL160000**



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



For swivel models add "S" to end of caster number.
For rigid models add "R" to end of 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 (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
4	2	300	5 5/8	1 3/16		110MR04201
5	2	450	6 1/2	1 3/8		110MR05201
6	2	500	7 1/2	1 9/16		110MR06201
8	2	600	10 1/8	2 1/4		110MR08201

MR

*All 110 bearings listed are available. Delrin example: 110MR04251

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	2	400	5 5/8	1 3/16		110MD04201
5	2	500	6 1/2	1 3/8		110MD05201
6	2	550	7 1/2	1 9/16		110MD06201
8	2	600	10 1/8	2 1/4		110MD08201

MD

*All 110 bearings listed are available. Delrin example: 110MD04151

Heavy Duty 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
5	2	700	6 1/2	1 3/8		110MH05201
6	2	820	7 1/2	1 9/16		110MH06201
8	2	1000	10 1/8	2 1/4		110MH08201

MH

*All 110 bearings listed are available. Delrin example: 110MH05251

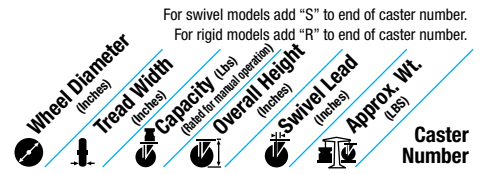
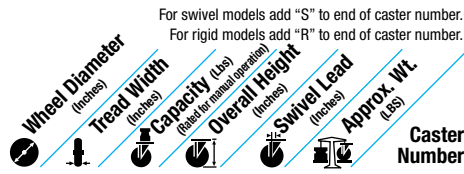
X-tra Soft (Flat Tread) (01 Roller Bearing)*

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
4	2	350	5 5/8	1 3/16		110XS04201
5	2	375	6 1/2	1 3/8		110XS05201
6	2	600	7 1/2	1 9/16		110XS06201
8	2	675	10 1/8	2 1/4		110XS08201

XS

*All 110 bearings listed are available. Delrin example: 110XS04251

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



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

6	2	450	7 1/2	1 9/16	110XR06201
8	2	600	10 1/8	2 1/4	110XR08201

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*All 110 bearings listed are available. Delrin example: 110XR04251

XR

High Modulus Rubber on Aluminum (28 Precision Ball Bearing)

5	2	300	6 1/2	1 3/8	110RM05228
6	2	350	7 1/2	1 9/16	110RM06228
8	2	450	10 1/2	2 1/4	110RM08228

NEW MODEL! For black tread specify "RL" wheel code (example 110RL05228).

RM

Solid Rubber (01 Roller Bearing)*

4	2	220	5 5/8	1 3/16	110RR04201
5	2	325	6 1/2	1 3/8	110RR05201
6	2	350	7 1/2	1 9/16	110RR06201

*All 110 bearings listed are available. Delrin example: 110RR04251

RR

Pneumatic (27 Industrial Ball Bearing)

6	2	200	7 1/2	1 7/16	110SF06227
8	2	210	10 1/8	2 1/4	110SF08227

SF

Polypropylene (01 Roller Bearing)*

4	2	450	5 5/8	1 3/16	110PB04201
5	2	650	6 1/2	1 3/8	110PB05201
6	2	750	7 1/2	1 9/16	110PB06201
8	2	1000	10 1/8	2 1/4	110PB08201

*All 110 bearings listed are available including plain bore.
Plain bore example: 110RR04241.
If plain bore specified 5" diameter capacity is 450lbs,
6" diameter is 650lbs, 8" diameter is 850 lbs.

PB

Fiberglass Filled Polypropylene (01 Roller Bearing)*

4	2	350	5 5/8	1 3/16	110GP04201
5	2	800	6 1/2	1 3/8	110GP05201
6	2	1000	7 1/2	1 9/16	110GP06201
8	2	1400	10 1/8	2 1/4	110GP08201

*Delrin (51) Bearings or plain bore (41) models available.
Change "01" example: 110GP04251.

GP

White Polypropylene (Plain Bore)*

4	2	450	5 5/8	1 3/16	110PW04241
5	2	550	6 1/2	1 3/8	110PW05241
6	2	650	7 1/2	1 9/16	110PW06241

*All 110 bearings listed are available. Delrin example: 110PW04251

PW

High Temp Polypropylene (Plain Bore)*

4	2	500	5 5/8	1 3/16	110RW04241
5	2	650	6 1/2	1 3/8	110RW05241
6	2	700	7 1/2	1 9/16	110RW06241
8	2	900	10 1/8	2 1/4	110RW08241

*All 110 bearings listed are available including plain bore.
Plain bore example: 110RW04241.
If plain bore specified 5" diameter capacity is 300lbs,
6" diameter is 440lbs

RW

Polyurethane on Aluminum Flat Tread (Roller Bearing)*

4	2	700	5 5/8	1 3/16	110PD04201
5	2	1050	6 1/2	1 3/8	110PD05201
6	2	1230	7 1/2	1 9/16	110PD06201
8	2	1400	10 1/8	2 1/4	110PD08201

*All 110 bearings listed are available. Delrin example: 110PD04251

PD

Polyurethane on Cast Iron (01 Roller Bearing)*

4	2	700	5 5/8	1 3/16	110PI04201
5	2	1000	6 1/2	1 3/8	110PI05201
6	2	1200	7 1/2	1 9/16	110PI06201
8	2	1400	10 1/8	2 1/4	110PI08201

*All 110 bearings listed are available. Delrin example: 110PI04251

PI

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

5	2	1000	6 1/2	1 3/8	110PM05228
6	2	1250	7 1/2	1 9/16	110PM06228
8	2	1400	10 1/8	2 1/4	110PM08228

PM

Polyurethane on Polypropylene (01 Roller Bearing)*

4	2	600	5 5/8	1 3/16	110XA04201
5	2	750	6 1/2	1 3/8	110XA05201
6	2	900	7 1/2	1 9/16	110XA06201
8	2	1000	10 1/8	2 1/4	110XA08201

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*All 110 bearings listed are available. Delrin example: 110XA04251

XA

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

4	2	1000	5 5/8	1 3/16	110XI04201
5	2	1000	6 1/2	1 3/8	110XI05201
6	2	1000	7 1/2	1 9/16	110XI06201
8	2	1000	10 1/8	2 1/4	110XI08201

*All 110 bearings listed are available. Delrin example: 110XI04251

XI

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

4	2	1400	5 5/8	1 3/16	110XP04201
5	2	1200	6 1/2	1 3/8	110XP05201
6	2	1400	7 1/2	1 9/16	110XP06201
8	2	1400	10 1/8	2 1/4	110XP08201

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*All 110 bearings listed are available. Delrin example: 110XP04251

XP

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

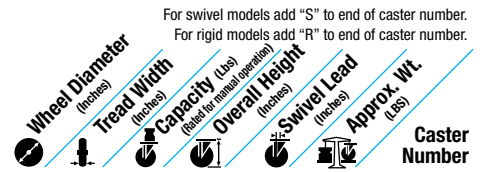
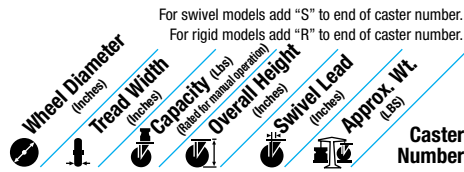
4	2	300	5 5/8	1 3/16	110XV04202
5	2	300	6 1/2	1 3/8	110XV05202
6	2	300	7 1/2	1 9/16	110XV06202

XV

Phenolic (01 Roller Bearing)*

4	2	800	5 5/8	1 3/16	110TM04201
5	2	1000	6 1/2	1 3/8	110TM05201
6	2	1200	7 1/2	1 9/16	110TM06201
8	2	1400	10 1/8	2 1/4	110TM08201

*All 110 bearings listed are available. Delrin example: 110TM04251



Straight Sided Phenolic (01 Roller Bearing)*

	4	2	1000	5 5/8	13 1/16	110TH04201
	5	2	1200	6 1/2	13 3/8	110TH05201
	6	2	1400	7 1/2	19 1/16	110TH06201

TH

*All 110 bearings listed are available. Delrin example: 110TH04251

Maxim® (01 Roller Bearing)*

	4	2	800	5 5/8	13 1/16	110NG04201
	5	2	1000	6 1/2	13 3/8	110NG05201
	6	2	1200	7 1/2	19 1/16	110NG06201
	8	2	1400	10 1/8	2 1/4	110NG08201

NG

*All 110 bearings listed are available. Delrin example: 110NG04251

Maxim® NR Noise Reduction (01 Roller Bearing)*

	4	2	800	5 5/8	13 1/16	110NR04201
	5	2	1000	6 1/2	13 3/8	110NR05201
	6	2	1200	7 1/2	19 1/16	110NR06201
	8	2	1400	10 1/8	2 1/4	110NR08201

NR

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

*All 110 bearings listed are available. Delrin example: 110NR04251

Hi-Temp Nylon (01 Roller Bearing)*

	4	2	800	5 5/8	13 1/16	110HE04201
	5	2	1000	6 1/2	13 3/8	110HE05201
	6	2	1200	7 1/2	19 1/16	110HE06201
	8	2	1400	10 1/8	2 1/4	110HE08201

HE

*All 110 bearings listed are available. Delrin example: 110HE04251

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

	8	2	1400	10 1/8	2 1/4	110NY08228
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NY

White Nylon (01 Roller Bearing)*

	5	2	600	6 1/2	13 3/8	110NW05201
	6	2	900	7 1/2	19 1/16	110NW06201
	8	2	1100	10 1/8	2 1/4	110NW08201

NW

*Delrin (51) Bearings or plain bore (00) models available.
Change "01" example: 110NW05251.

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

	4	2	1400	5 5/8	13 1/16	110NX04228
	5	2	1400	6 1/2	13 3/8	110NX05228
	6	2	1400	7 1/2	19 1/16	110NX06228
	8	2	1400	10 1/8	2 1/4	110NX08228

NX

Cast Iron (01 Roller Bearing)*

	4	2	1000	5 5/8	13 1/16	110CA04201
	5	2	1300	6 1/2	13 3/8	110CA05201
	6	2	1400	7 1/2	19 1/16	110CA06201
	8	2	1400	10 1/8	2 1/4	110CA08201

CA

*All 110 bearings listed are available. Delrin example: 110CA04251

Heavy Duty Cast Iron (01 Roller Bearing)*

	5	2	1400	6 1/2	13 3/8	110CH05201
	6	2	1400	7 1/2	19 1/16	110CH06201
	8	2	1400	10 1/8	2 1/4	110CH08201

CH

*All 110 bearings listed are available. Delrin example: 110CH04251

Drop Forged Steel (01 Roller Bearing)*

	4	1 1/2	1400	5 5/8	13 1/16	110FS04101
	5	1 3/4	1400	6 1/2	13 3/8	110FS05201
	6	2	1400	7 1/2	19 1/16	110FS06201

FS

*All 110 bearings listed are available. Delrin example: 110FS04251

V-Grooved Cast Iron (01 Roller Bearing)*

	4	2	800	5 5/8	13 1/16	110VG04201
	5	2	800	6 1/2	13 3/8	110VG05201
	6	2	1000	7 1/2	19 1/16	110VG06201

VG

*All 110 bearings listed are available. Delrin example: 110VG04251

Ductile Iron Crowned Tread (01 Roller Bearing)

	5	2	1400	6 1/2	13 3/8	110FR05201
	6	2	1400	7 1/2	19 1/16	110FR06201
	8	2	1400	10 1/8	2 1/4	110FR08201

FR, FM

*Tapered Roller bearings (09) and Precision Ball (28) available.
(Tapered Roller example: 110FR05209).

Note: Ductile Iron Flat Tread (FM) models available.
Change FR wheel code to FM. Example: 110FM05201.

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.

