110

casterdepot.com

Contender™ Kingpinless Casters

CAPACITY TO 2000

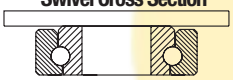


Precision raceways and fully heat treated construction make the 110 Series the ideal solution for applications exposed to rugged conditions or high amounts of impact and shock. More durable than competitors' case or induction hardened construction, and longer lasting than conventional kingpin designs.

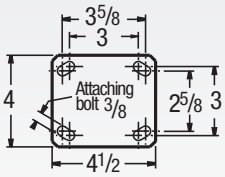
TYPICAL APPLICATIONS

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

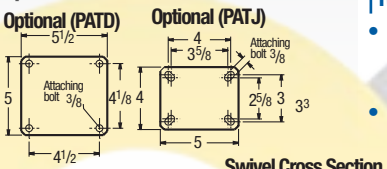
SWIVEL CROSS SECTION

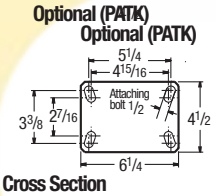


MOUNTING OPTIONS



Special Order Plates[4]





Premium Quality | Towing ^ | Ergonomic

FEATURES

- **3 Year** warranty
- **Top Plate:** 5/16" AISI 1045 steel welded and heat treated for longer life
- **Yoke Base:** Notched AISI 1045 steel
- **Swivel Section:** One row of 3/8" ball bearings mounted in a **heat treated** precision machined 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) | Precision Ball (28) | Pedestal Precision (29)

Consult factory for additional bearing options.

STAINLESS STEEL OPTION

See pages 80-81.



RIG OPTIONS

- **Optional overall heights** of 9 1/2 for 8" wheel diameter models add **-01** to end of caster number
- **Optional swivel leads** of 2-1/4" for 6" casters add **-018** to end of model number. Optional swivel lead of 3-1/2" for 8" casters add **-02**

BRAKE OPTIONS

To order, add brake code below to end of caster number. Example: 110XS06201S**CB110**

Cam specify **CB110**





PLB Integrated specify **PLB**

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





Face specify **FBB**

Face specify **FBC** (Not available with swivel lock)





Face specify **FBE**

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





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

+ 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+
Heavy Duty Moldon Rubber on Cast Iron (01 Roller Bearing)						
MH	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
X-tra Soft Flat Tread (01 Roller Bearing)*						
XS	4	2	400	5 5/8	1 3/16	110XS04201
	5	2	500	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
Neoprene on Aluminum (28 Precision Ball Bearing)						
NP	5	2	600	6 1/2	1 3/8	110NP05228
	6	2	700	7 1/2	1 9/16	110NP06228
	8	2	700	10 1/8	2 1/4	110NP08228
Moldon Rubber on Cast Iron (01 Roller Bearing)						
MR	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
X-tra Soft Round Tread (01 Roller Bearing)*						
XR	6	2	450	7 1/2	1 9/16	110XR06201
	8	2	600	10 1/8	2 1/4	110XR08201

*All 110 bearings listed are available. Precision example: 110XS05228.

Prevenz™ antimicrobial models available. Add PREV to end of caster number.
*Precision ball (28) bearings available.
Change "01" to other bearing code. Example: 110XR06228.

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

Continue on next page >>

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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+

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

Plain bore (41) available. Change "01" to other code. Plain bore example: 110RR04241. If plain bore specified 5" diameter capacity is 450 lbs, 6" diameter is 650 lbs, 8" diameter is 850 lbs.

Retort High Temp Polypropylene (01 Roller Bearing)



4	2	500	5 5/8	1 3/16	110RW04201
5	2	650	6 1/2	1 3/8	110RW05201
6	2	700	7 1/2	1 9/16	110RW06201
8	2	900	10 1/8	2 1/4	110RW08201

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	1500	10 1/8	2 1/4	110PD08201

Polyurethane on Cast Iron (01 Roller Bearing)*



4	2	750	5 5/8	1 3/16	110PY04201
5	2	1050	6 1/2	1 3/8	110PY05201
6	2	1200	7 1/2	1 9/16	110PY06201
8	2	1500	10 1/8	2 1/4	110PY08201

*Available with Precision Ball (28) bearings (except 4" diameter models). Change "01" to other bearing code. Example: 110PY05228.

Polyurethane on Cast Iron (28 Roller Bearing)*



4	2	600	5 5/8	1 3/16	110PY0420180A
5	2	840	6 1/2	1 3/8	110PY0520180A
6	2	960	7 1/2	1 9/16	110PY0620180A
8	2	1200	10 1/8	2 1/4	110PY0820180A

To Specify Rigid or Swivel, insert "R" or "S" before "80A" . Example: 110PY04201R80A.

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



4	2	675	5 5/8	1 3/16	110EY04228
5	2	1050	6 1/2	1 3/8	110EY05228
6	2	1425	7 1/2	1 9/16	110EY06228
8	2	2000	10 1/8	2 1/4	110EY08228

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



4	2	900	5 5/8	1 3/16	110EZ04228
5	2	1400	6 1/2	1 3/8	110EZ05228
6	2	1900	7 1/2	1 9/16	110EZ06228
8	2	1400	10 1/8	2 1/4	110EZ08228

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)



4	2	700	5 5/8	1 3/16	110AX04228
5	2	1000	6 1/2	1 3/8	110AX05228
6	2	1250	7 1/2	1 9/16	110AX06228
8	2	2000	10 1/8	2 1/4	110AX08228

85 Shore A

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	1500	10 1/8	2 1/4	110PM08228

95 Shore A

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)



5	2	800	6 1/2	1 3/8	110PM0522880A
6	2	1000	7 1/2	1 9/16	110PM0622880A
8	2	1000	10 1/8	2 1/4	110PM0822880A

80 Shore A

To Specify Rigid or Swivel, insert "R" or "S" before "80A". Ex: 110PM08228R80A.

+ 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+

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



6	2	1400	7 1/2	1 9/16	110PF06228
8	2	1500	10 1/8	2 1/4	110PF08228

95 Shore A

Magnum Polyurethane on Aluminum Round Tread (28 Prec. Ball Bearing)



4	2	700	5 5/8	1 3/16	110UA04228
6	2	750	7 1/2	1 9/16	110UA06228
8	2	900	10 1/8	2 1/4	110UA08228

Blue
Shore 95A Standard



UA Black
Shore 70A
4"=400 capacity
6"=410 capacity
8"=500 capacity



UA Red
Shore 80A
4"=500 capacity
6"=500 capacity
8"=800 capacity



UA Orange
Shore 73D
4"=900 capacity
6"=1,000 capacity
8"=1,200 capacity

To order color/durometer enter durometer code at end of model. Red wheel example: 110UA08228S80A.
To specify Rigid or Swivel, insert "R" or "S" before last 3 digit durometer code. Ex: 110UA08228R80A.

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	1200	10 1/8	2 1/4	110XA08201

Prevenz™ antimicrobial models available.

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



4	2	1400	5 5/8	1 3/16	110XP04229
5	2	1200	6 1/2	1 3/8	110XP05229
6	2	1400	7 1/2	1 9/16	110XP06229
8	2	1200	10 1/8	2 1/4	110XP08229

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

*All 110 bearings listed are available. Precision Ball Bearing example: 110XP04228.

Solid Elastomer (28 Precision Ball)



4	2	1000	5 5/8	1 3/16	110SE04228
5	2	1000	6 1/2	1 3/8	110SE05228
6	2	1200	7 1/2	1 9/16	110SE06228
8	2	1200	10 1/8	2 1/4	110SE08228

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

Straight Sided Phenolic (01 Roller Bearing)



4	2	1000	5 5/8	1 3/16	110TH04201
5	2	1200	6 1/2	1 3/8	110TH05201
6	2	1400	7 1/2	1 9/16	110TH06201

Maxim® (01 Roller Bearing)*



4	2	800	5 5/8	1 3/16	110NG04201
5	2	1000	6 1/2	1 3/8	110NG05201
6	2	1200	7 1/2	1 9/16	110NG06201
8	2	1400	10 1/8	2 1/4	110NG08201

*Pedestal Precision ball (29) bearings available. Change "01" to other bearing code. Example: 110NG06229.

Continue on next page >>

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

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
White Nylon (01 Roller Bearing)*						
NW	5	2	600	6 1/2	1 3/8	**110NW05201**
	6	2	900	7 1/2	1 9/16	**110NW06201**
	8	2	1100	10 1/8	2 1/4	**110NW08201**
Glass Filled Polypropylene (01 Roller Bearing)*						
RT	4	2	800	5 5/8	1 3/16	**110RT04201**
	5	2	1000	6 1/2	1 3/8	**110RT05201**
	6	2	1200	7 1/2	1 9/16	**110RT06201**
	8	2	1400	10 1/8	2 1/4	**110RT08201**
Heavy Duty Glass Filled Nylon (01 Roller Bearing)*						
DT	4	2	1000	5 5/8	1 3/16	**110DT04201**
	5	2	1200	6 1/2	1 3/8	**110DT05201**
	6	2	1400	7 1/2	1 9/16	**110DT06201**
	8	2	1600	10 1/8	2 1/4	**110DT08201**
High Temp Glass Filled Nylon (01 Roller Bearing)*						
HT	4	2	800	5 5/8	1 3/16	**110HT04201**
	5	2	1000	6 1/2	1 3/8	**110HT05201**
	6	2	1200	7 1/2	1 9/16	**110HT06201**
	8	2	1400	10 1/8	2 1/4	**110HT08201**
Trionix™ High Impact Polymer (28 Precision Ball Bearing)						
NX	4	2	2000	5 5/8	1 3/16	**110NX04228**
	5	2	2000	6 1/2	1 3/8	**110NX05228**
	6	2	2000	7 1/2	1 9/16	**110NX06228**
	8	2	2000	10 1/8	2 1/4	**110NX08228**

*Bearings, Pedestal Precision Ball (29) Bearings or plain bore (00) models available. Change "01" to other bearing code. Plain Bore example: 110NW052**00**.

*Plain Bore (00), Precision ball (28) and Pedestal Precision Ball (29) bearings available. Change "01" to other bearing code. Plain Bore example: 110RT042**00**.

*Plain Bore (00), Precision ball (28) and Pedestal Precision Ball (29) bearings available. Change "01" to other bearing code. Precision Ball example: 110DT042**28**.

*Plain Bore (00) available. Change "01" to other bearing code. Example: 110HT042**00**.



+ 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+
Cast Iron (01 Roller Bearing)						
CA	4	1 7/8	1000	5 5/8	1 3/16	**110CA04201**
	5	1 7/8	1300	6 1/2	1 3/8	**110CA05201**
	6	1 7/8	1400	7 1/2	1 9/16	**110CA06201**
	8	2	1800	10 1/8	2 1/4	**110CA08201**
Heavy Duty Cast Iron (01 Roller Bearing)						
CH	5	2	1500	6 1/2	1 3/8	**110CH05201**
	6	2	1700	7 1/2	1 9/16	**110CH06201**
	8	2	1800	10 1/8	2 1/4	**110CH08201**
Drop Forged Steel (01 Roller Bearing)						
FS	4	1 1/2	1400	5 5/8	1 3/16	**110FS04101**
	5	1 3/4	1500	6 1/2	1 3/8	**110FS05201**
	6	2	1500	7 1/2	1 9/16	**110FS06201**
V-Grooved Cast Iron (01 Roller Bearing)						
VG	4	2	800	5 5/8	1 3/16	**110VG04201**
	5	2	800	6 1/2	1 3/8	**110VG05201**
	6	2	1000	7 1/2	1 9/16	**110VG06201**
Ductile Iron Crowned Tread (01 Roller Bearing)*						
FR, FM	5	2	1500	6 1/2	1 3/8	**110FR05201**
	6	2	2000	7 1/2	1 9/16	**110FR06201**
	8	2	2000	10 1/8	2 1/4	**110FR08201**

*Precision Ball (28) bearings available. Change "01" to other bearing code. Example: 110FR052**28**

Note: Ductile Iron Flat Tread (**FM**) models available. Change **FR** wheel code to **FM.** Example: 110**FM**05201.

CasterDepot®

Need even more load capacity?

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

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

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