

110

Contender™ Kingpinless Casters

CAPACITY TO 2000

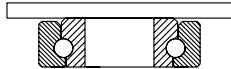


Precision raceways and fully heat treated construction make the 110 Series the ideal solution for applications exposed to rugged conditions or high amounts of impact and shock. More durable than competitors' case or induction hardened construction, and longer lasting than conventional kingpin designs.

TYPICAL APPLICATIONS

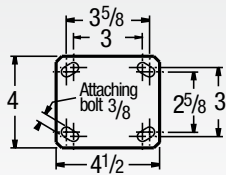
- Dollies
- Dough troughs
- Platform trucks
- Tow line
- Utility carts
- Tooling fixtures
- Scrap metal carriers

SWIVEL CROSS SECTION

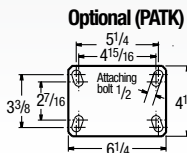


Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

MOUNTING OPTIONS Standard Plate



Special Order Plate



Consult factory for additional mounting options



FEATURES

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

BEARING OPTIONS



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

TOE GUARD



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

STAINLESS STEEL OPTION

See 120 Series



RIG OPTIONS

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

ACCESSORIES

To order, add brake code below to end of caster number. Example: 110XS06201SCB110

Cam brake specify **CB110**



PLB Integrated brake specify **PLB** (6" and 8" models only)

Face brake specify **FBB**



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

Face brake specify **FBE**



Poly Cam brake specify **P**



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



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

POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

AN	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Based on normal operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
4	2	800	5 5/8	1 3/16	110AN04228S	
5	2	1000	6 1/2	1 3/8	110AN05228S	
6	2	1250	7 1/2	1 9/16	110AN06228S	
8	2	1500	10 1/8	2 1/4	110AN08228S	

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

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

AX	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Based on normal operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
4	2	800	5 5/8	1 3/16	110AX04228S	
5	2	1000	6 1/2	1 3/8	110AX05228S	
6	2	1250	7 1/2	1 9/16	110AX06228S	
8	2	1500	10 1/8	2 1/4	110AX08228S	

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

POLYURETHANE MODELS (CONTINUED)

Green Round Tread Polyurethane on Aluminum

PM	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Based on normal operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
5	2	1000	6 1/2	1 3/8	110PM05228S	
6	2	1250	7 1/2	1 9/16	110PM06228S	
8	2	1500	10 1/8	2 1/4	110PM08228S	

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

Drive lasting results with

CG-MAX EFFICIENCY WHEEL™

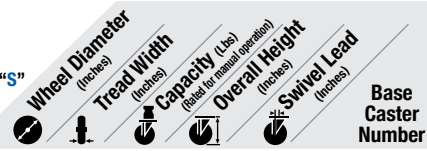
See wheel section for more information or ...

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



Base Swivel Caster
Number In Chart

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



POLYURETHANE MODELS (CONTINUED)

Butterscotch Round Tread Polyurethane on Aluminum

PM 80A 	5	2	1000	6 1/2	1 3/8	110PM05228S80A
	6	2	1250	7 1/2	1 9/16	110PM06228S80A
	8	2	1500	10 1/8	2 1/4	110PM08228S80A

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

Magnum Polyurethane on Aluminum Round Tread

UA 	4	2	700	5 5/8	1 3/16	110UA04228S
	6	2	750	7 1/2	1 9/16	110UA06228S
	8	2	900	10 1/8	2 1/4	110UA08228S

Standard Bearing: Precision Ball (28).

Blue Shore 95A Standard

UA Black Shore 70A
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: 110UA08228S80AS.

Aubin Industries Swivel-EAZ® Dual Round Tread

EY 	4	2	675	5 5/8	1 3/16	110EY04228S
	5	2	900	6 1/2	1 3/8	110EY05228S
	6	2	1425	7 1/2	1 9/16	110EY06228S
	8	2	2000	10 1/8	2 1/4	110EY08228S

Standard Bearing: Precision Ball (28).

Aubin Industries Swivel-EAZ® Dual Crowned Tread

EZ 	4	2	900	5 5/8	1 3/16	110EZ04228S
	5	2	1400	6 1/2	1 3/8	110EZ05228S
	6	2	1900	7 1/2	1 9/16	110EZ06228S
	8	2	2000	10 1/8	2 1/4	110EZ08228S

Standard Bearing: Precision Ball (28).

Green Polyurethane Crowned Tread on Aluminum

PD 	4	2	700	5 5/8	1 3/16	110PD04201S
	5	2	1050	6 1/2	1 3/8	110PD05201S
	6	2	1230	7 1/2	1 9/16	110PD06201S
	8	2	1500	10 1/8	2 1/4	110PD08201S

Standard Bearing: Roller (01).

Yellow Polyurethane Tread on Heavy Duty Iron

PF 	6	2	2000	7 1/2	1 9/16	110PF06228S
	8	2	2000	10 1/8	2 1/4	110PF08228S

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

Solid Elastomer Polyurethane

SE 	4	2	1000	5 5/8	1 3/16	110SE04228S
	5	2	1000	6 1/2	1 3/8	110SE05228S
	6	2	1200	7 1/2	1 9/16	110SE06228S
	8	2	1200	10 1/8	2 1/4	110SE08228S

Standard Bearing: Precision Ball (28).

Polyurethane on Polypropylene

XA 	4	2	600	5 5/8	1 3/16	110XA04229S
	5	2	750	6 1/2	1 3/8	110XA05229S
	6	2	900	7 1/2	1 9/16	110XA06229S
	8	2	1200	10 1/8	2 1/4	110XA08229S

Standard Bearing: Pedestal Precision Ball (29).

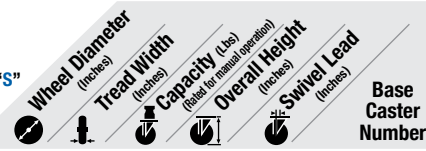
NYLON MODELS

Trionix™ High Impact Polymer

NX 	4	2	2000	5 5/8	1 3/16	110NX04228S
	5	2	2000	6 1/2	1 3/8	110NX05228S
	6	2	2000	7 1/2	1 9/16	110NX06228S
	8	2	2000	10 1/8	2 1/4	110NX08228S

Standard Bearing: Precision Ball (28).

Base Swivel Caster
Number In Chart
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caster number.



NYLON MODELS (CONTINUED)

High Temp Glass Filled Nylon

HT 	4	2	800	5 5/8	1 3/16	110HT04201S
	5	2	1000	6 1/2	1 3/8	110HT05201S
	6	2	1200	7 1/2	1 9/16	110HT06201S
	8	2	1400	10 1/8	2 1/4	110HT08201S

Standard Bearing: Roller (01).
Optional Bearing: Plain Bore (41). Change 01 above to bearing code.

Heavy Duty Glass Filled Nylon

DT 	4	2	1000	5 5/8	1 3/16	110DT04228S
	5	2	1200	6 1/2	1 3/8	110DT05228S
	6	2	1400	7 1/2	1 9/16	110DT06228S
	8	2	1600	10 1/8	2 1/4	110DT08228S

Standard Bearing: Precision Ball (28).

METAL MODELS

Ductile Iron Crowned Tread

FR 	5	2	1500	6 1/2	1 3/8	110FR05201S
	6	2	2000	7 1/2	1 9/16	110FR06201S
	8	2	2000	10 1/8	2 1/4	110FR08201S

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

Cast Iron

CA 	4	17/8	1000	5 5/8	1 3/16	110CA04201S
	5	17/8	1300	6 1/2	1 3/8	110CA05201S
	6	17/8	1400	7 1/2	1 9/16	110CA06201S
	8	2	1800	10 1/8	2 1/4	110CA08201S

Standard Bearing: Roller (01).

V-Grooved Cast Iron

VG 	4	2	800	5 5/8	1 3/16	110VG04201S
	5	2	800	6 1/2	1 3/8	110VG05201S
	6	2	1000	7 1/2	1 9/16	110VG06201S

Standard Bearing: Roller (01).

RUBBER MODELS

X-tra Soft Flat Tread on Polypropylene

XS 	4	2	400	5 5/8	1 3/16	110XS04228S
	5	2	500	6 1/2	1 3/8	110XS05228S
	6	2	600	7 1/2	1 9/16	110XS06228S
	8	2	675	10 1/8	2 1/4	110XS08228S

Standard Bearing: Precision Ball (28).

X-tra Soft Round Tread on Polypropylene

XR 	6	2	450	7 1/2	1 9/16	110XR06228S
	8	2	600	10 1/8	2 1/4	110XR08228S

Standard Bearing: Precision Ball (28).

Neoprene Rubber Round Tread on Aluminum

NP 	6	2	700	7 1/2	1 9/16	110NP06228S
	8	2	700	10 1/8	2 1/4	110NP08228S

Standard Bearing: Precision Ball (28).

Neoprene Rubber Crowned Tread on Aluminum

MG 	4	2	500	5 5/8	1 3/16	110MG04228S
	5	2	600	6 1/2	1 3/8	110MG05228S
	6	2	700	7 1/2	1 9/16	110MG06228S
	8	2	700	10 1/8	2 1/4	110MG08228S

Standard Bearing: Precision Ball (28).

PHENOLIC MODELS

Phenolic

TM 	4	2	800	5 5/8	1 3/16	110TM04201S
	5	2	1000	6 1/2	1 3/8	110TM05201S
	6	2	1200	7 1/2	1 9/16	110TM06201S
	8	2	1400	10 1/8	2 1/4	110TM08201S

Standard Bearing: Roller (01).