

110

Kingpinless Casters

CAPACITY TO 2000

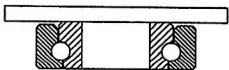


Precision raceways and fully heat treated construction make the 110 Series the ideal solution for applications exposed to rugged conditions or high amounts of impact and shock. More durable than competitors' case or induction hardened construction, and longer lasting than conventional kingpin designs.

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.

POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

AX	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Based on manual 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	9 ¹ / ₂	2 ¹ / ₄	110AX08228S01	
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.

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

AN	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Based on manual 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	9 ¹ / ₂	2 ¹ / ₄	110AN08228S01	
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.



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 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 on page 42-43



RIG OPTIONS

- **Optional swivel leads** of 2-1/4" for 6" casters and 3-1/2" for 8" casters. Only available in 6" with 7-1/2" overall heights and 8" and 10-1/8" overall heights. 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.

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

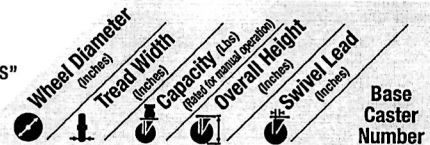
POLYURETHANE MODELS (CONTINUED)

Green Round Tread Polyurethane on Aluminum

PM	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Based on manual 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	9 ¹ / ₂	2 ¹ / ₄	110PM08228S01	
8	2	1500	10 ¹ / ₈	2 ¹ / ₄	110PM08228S	

95 Shore A

Standard Bearing: Precision Ball (28).



CG-MAX EFFICIENCY WHEEL™

See wheel section for more information or ...

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



110 Series Continued

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

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
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	9 1/2	2 1/4	110PM08228S0180A
	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".

Aubin Industries Swivel-EAZ® Dual Round Tread

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
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	9 1/2	2 1/4	110EY08228S01
	8	2	2000	10 1/8	2 1/4	110EY08228S

Standard Bearing: Precision Ball (28).

Aubin Industries Swivel-EAZ® Dual Crowned Tread

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
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	9 1/2	2 1/4	110EZ08228S01
	8	2	2000	10 1/8	2 1/4	110EZ08228S

Standard Bearing: Precision Ball (28).

Green Polyurethane Crowned Tread on Aluminum

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
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	9 1/2	2 1/4	110PD08201S01
	8	2	1500	10 1/8	2 1/4	110PD08201S

Standard Bearing: Roller (01).

Yellow Polyurethane Tread on Heavy Duty Iron

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
PF	6	2	2000	7 1/2	1 9/16	110PF06228S
	8	2	2000	9 1/2	2 1/4	110PF08228S01
	8	2	2000	10 1/8	2 1/4	110PF08228S

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

Endura Solid Elastomer Polyurethane

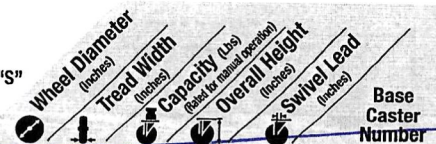
Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
SE	4	2	1000	5 5/8	1 3/16	110SE04228S
	5	2	1000	6 1/2	1 3/8	110SE05228S
	6	2	1200	7 1/2	1 9/16	110SE06228S
	8	2	1200	9 1/2	2 1/4	110SE08228S01
	8	2	1200	10 1/8	2 1/4	110SE08228S

Standard Bearing: Precision Ball (28).

Hi-Tech Antimicrobial Polyurethane on Polypropylene

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
XA	4	2	720	5 5/8	1 3/16	110XA04229S
	5	2	900	6 1/2	1 3/8	110XA05229S
	6	2	1100	7 1/2	1 9/16	110XA06229S
	8	2	1200	9 1/2	2 1/4	110XA08229S01
	8	2	1200	10 1/8	2 1/4	110XA08229S

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



NYLON MODELS

Trionix™ High Impact Polymer

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
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	9 1/2	2 1/4	110NX08228S01
	8	2	2000	10 1/8	2 1/4	110NX08228S

Standard Bearing: Precision Ball (28).

High Temp Glass Filled Nylon

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
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	9 1/2	2 1/4	110HT08201S01
	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

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
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	9 1/2	2 1/4	110DT08228S01
	8	2	1600	10 1/8	2 1/4	110DT08228S

Standard Bearing: Precision Ball (28).

METAL MODELS

Ductile Iron Crowned Tread

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
FR	5	2	1500	6 1/2	1 3/8	110FR05201S
	6	2	2000	7 1/2	1 9/16	110FR06201S
	8	2	2000	9 1/2	2 1/4	110FR08201S01
	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

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
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	9 1/2	2 1/4	110CA08201S01
	8	2	1800	10 1/8	2 1/4	110CA08201S

Standard Bearing: Roller (01).

V-Grooved Cast Iron

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
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

Performa Flat Tread on Polypropylene

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
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	9 1/2	2 1/4	110XS08228S01
	8	2	675	10 1/8	2 1/4	110XS08228S

Standard Bearing: Precision Ball (28).

Performa Round Tread on Polypropylene

Model	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
XR	6	2	450	7 1/2	1 9/16	110XR06228S
	8	2	600	9 1/2	2 1/4	110XR08228S01
	8	2	600	10 1/8	2 1/4	110XR08228S

Standard Bearing: Precision Ball (28).

110 Series Wheel Selection Hints



Polyurethane

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

Nylon

- High load capacities
- Impact resistant
- Corrosion resistant
- High-temp options

Metal tread

- High load capacities
- Handles the most abuse
- Impact resistant
- Resistant to hot and cold temperatures

Rubber

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

Phenolic

- High load capacities
- Impact resistant
- Economical
- High-temp options

Polypropylene

- Most economical
- Lightweight
- High-temp options

110 SERIES • CAPACITY TO 2000

HEAVY DUTY KINGPINLESS