

170

Heavy Duty Kingpinless Casters

CAPACITY TO 1500

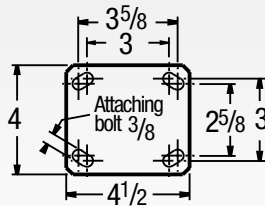


One year standard warranty. Ideal for economical applications where kingpin casters will not simply hold up to shock or impact. Also review our 110 Series for even higher load capacities and a 3-year warranty.

TYPICAL APPLICATIONS

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

MOUNTING OPTIONS Standard Plate



SWIVEL CROSS SECTION



Economical



Ergonomic



Towing[^]

FEATURES

- **Top Plate:** 5/16" AISI 1045 steel
- **Yoke Base:** Notched AISI 1045 steel
- **Swivel Section:** One row of 3/8" ball bearings are mounted in a precision machined 2-3/8" diameter raceway. 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 Oillex models)
- **Finish:** Zinc plating
- Alternate or custom caster configurations available

BEARING OPTIONS



STAINLESS STEEL OPTION

See 120 Series



ACCESSORIES

To order, add brake code below to end of model. Example: 170XS06201SCB170

Cam brake
specify **CB170**



Face brake
specify **FBB**



Face brake
specify **FBC** (Not compatible with swivel lock on 4" and 5" sizes)



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

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



RIG OPTIONS

- **Optional swivel leads** of 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.
- **Optional overall heights** of 10 1/8" for 8" wheel diameter models remove **-01** at end of caster number

Drive lasting results with

CG-MAX EFFICIENCY WHEEL™



See wheel section for more information or ...

Visit albiocasters.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

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

AN	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
	4	2	800	5 5/8	1 3/16	170AN04228S
	5	2	1000	6 1/2	1 3/8	170AN05228S
	6	2	1250	7 1/2	1 9/16	170AN06228S
	8	2	1500	9 1/2	2 1/4	170AN08228S-01

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) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
	4	2	800	5 5/8	1 3/16	170AX04228S
	5	2	1000	6 1/2	1 3/8	170AX05228S
	6	2	1250	7 1/2	1 9/16	170AX06228S
	8	2	1500	9 1/2	2 1/4	170AX08228S-01

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

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) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
	5	2	1000	6 1/2	1 3/8	170PM05228S
	6	2	1250	7 1/2	1 9/16	170PM06228S
	8	2	1500	9 1/2	2 1/4	170PM08228S-01

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

Butterscotch Round Tread Polyurethane on Aluminum

PM 80A	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
	5	2	1000	6 1/2	1 3/8	170PM05228S80A
	6	2	1250	7 1/2	1 9/16	170PM06228S80A
	8	2	1500	9 1/2	2 1/4	170PM08228S-0180A

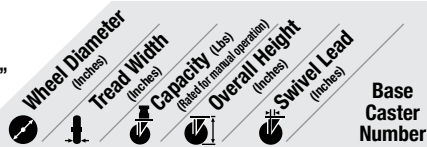
80 Shore A
Standard Bearing: Precision Ball (28).
To Specify Rigid or Swivel, insert "R" or "S" before "80A".

Yellow Polyurethane on Heavy Duty Cast Iron

PF	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
	6	2	1500	7 1/2	1 9/16	170PF06228S
	8	2	1500	9 1/2	2 1/4	170PF08228S-01

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

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



POLYURETHANE MODELS (CONTINUED)

Solid Elastomer Polyurethane

SE		4	2	1000	5 ⁵ / ₈	1 ³ / ₁₆	170SE04228S
		5	2	1000	6 ¹ / ₂	1 ³ / ₈	170SE05228S
		6	2	1200	7 ¹ / ₂	1 ⁹ / ₁₆	170SE06228S
		8	2	1200	9 ¹ / ₂	2 ¹ / ₄	170SE08228S-01

Standard Bearing: Precision Ball (28).

Polyurethane on Polypropylene

XA		4	2	600	5 ⁵ / ₈	1 ³ / ₁₆	170XA04201S
		5	2	750	6 ¹ / ₂	1 ³ / ₈	170XA05201S
		6	2	900	7 ¹ / ₂	1 ⁹ / ₁₆	170XA06201S
		8	2	1000	9 ¹ / ₂	2 ¹ / ₄	170XA08201S-01

Standard Bearing: Roller (01).

NYLON MODELS

Maxim® Nylon Glass

NG		4	2	800	5 ⁵ / ₈	1 ³ / ₁₆	170NG04201S
		5	2	1000	6 ¹ / ₂	1 ³ / ₈	170NG05201S
		6	2	1200	7 ¹ / ₂	1 ⁹ / ₁₆	170NG06201S
		8	2	1400	9 ¹ / ₂	2 ¹ / ₄	170NG08201S-01

Standard Bearing: Roller (01).

METAL MODELS

Cast Iron

CA		4	2	1000	5 ⁵ / ₈	1 ³ / ₁₆	170CA04201S
		5	2	1300	6 ¹ / ₂	1 ³ / ₈	170CA05201S
		6	2	1400	7 ¹ / ₂	1 ⁹ / ₁₆	170CA06201S
		8	2	1500	9 ¹ / ₂	2 ¹ / ₄	170CA08201S-01

Standard Bearing: Roller (01).

V-Groove Cast Iron

VG		4	2	800	5 ⁵ / ₈	1 ³ / ₁₆	170VG04201S
		5	2	800	6 ¹ / ₂	1 ³ / ₈	170VG05201S
		6	2	1000	7 ¹ / ₂	1 ⁹ / ₁₆	170VG06201S

Standard Bearing: Roller (01).

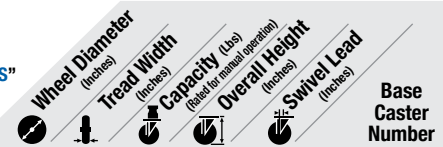
RUBBER MODELS

X-tra Soft Flat Tread on Polypropylene

XS		4	2	400	5 ⁵ / ₈	1 ³ / ₁₆	170XS04201S
		5	2	500	6 ¹ / ₂	1 ³ / ₈	170XS05201S
		6	2	600	7 ¹ / ₂	1 ⁹ / ₁₆	170XS06201S
		8	2	675	9 ¹ / ₂	2 ¹ / ₄	170XS08201S-01

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

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



RUBBER MODELS (CONTINUED)

X-tra Soft Round Tread on Polypropylene

XR		6	2	450	7 ¹ / ₂	1 ⁹ / ₁₆	170XR06201S
		8	2	600	9 ¹ / ₂	2 ¹ / ₄	170XR08201S-01

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

Moldon Rubber on Cast Iron

MR		4	2	300	5 ⁵ / ₈	1 ³ / ₁₆	170MR04201S
		5	2	450	6 ¹ / ₂	1 ³ / ₈	170MR05201S
		6	2	500	7 ¹ / ₂	1 ⁹ / ₁₆	170MR06201S
		8	2	600	9 ¹ / ₂	2 ¹ / ₄	170MR08201S-01

Standard Bearing: Roller (01).

PNEUMATIC STYLE MODELS

Monoprene Semi-Pneumatic

SZ		6	2	250	7 ¹ / ₂	1 ⁹ / ₁₆	170SZ06228S
		8	2	280	9 ¹ / ₂	2 ¹ / ₄	170SZ08228S-01

Standard Bearing: Precision Ball (28).
For grey tread specify "SV" wheel code
(example 170SV05228S).

PHENOLIC MODELS

Phenolic

TM		4	2	800	5 ⁵ / ₈	1 ³ / ₁₆	170TM04201S
		5	2	1000	6 ¹ / ₂	1 ³ / ₈	170TM05201S
		6	2	1200	7 ¹ / ₂	1 ⁹ / ₁₆	170TM06201S
		8	2	1400	9 ¹ / ₂	2 ¹ / ₄	170TM08201S-01

Standard Bearing: Roller (01).

POLYPROPYLENE MODELS

Glass Filled Polypropylene

RT		4	2	800	5 ⁵ / ₈	1 ³ / ₁₆	170RT04201S
		5	2	1000	6 ¹ / ₂	1 ³ / ₈	170RT05201S
		6	2	1200	7 ¹ / ₂	1 ⁹ / ₁₆	170RT06201S
		8	2	1400	9 ¹ / ₂	2 ¹ / ₄	170RT08201S-01

Standard Bearing: Roller (01).
Optional Bearings: Plan Bore (41);
Change 01 above to 41.

170 Series Wheel Selection Hints



CG-MAX PM PF



SE XA

Polyurethane

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



NG

Nylon

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



CA VG

Metal tread

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



XS XR MR SZ

Rubber

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



TM

Phenolic

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



RT

Polypropylene

- Most economical
- Lightweight
- High-temp options