



Economical



Ergonomic



Towing<sup>^</sup>

# 170

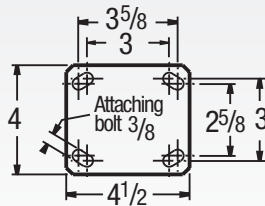
## Heavy Duty Kingpinless Casters

CAPACITY TO 1500



One year standard warranty. Ideal for economical applications where kingpin casters will not simply hold up to shock or impact. Also see our 3 year warranty offering, the 110 Series (pages 42-44)

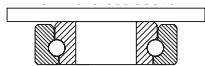
### MOUNTING OPTIONS Standard Plate



### TYPICAL APPLICATIONS

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

### SWIVEL CROSS SECTION



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

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
<b>Neoprene on Aluminum (28 Precision Ball Bearing)</b>						
NP	5	2	600	6 1/2	1 3/8	170NP05228
	6	2	700	7 1/2	1 9/16	170NP06228
	8	2	700	9 1/2	2 1/4	170NP08228S-01

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
<b>Moldon Rubber on Cast Iron (01 Roller Bearing)</b>						
MR	4	2	300	5 5/8	1 3/16	170MR04201
	5	2	450	6 1/2	1 3/8	170MR05201
	6	2	500	7 1/2	1 9/16	170MR06201
	8	2	600	9 1/2	2 1/4	170MR08201S-01

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
<b>X-tra Soft Round Tread (01 Roller Bearing)*</b>						
XR	6	2	450	7 1/2	1 9/16	170XR06201
	8	2	600	9 1/2	2 1/4	170XR08201S-01

\*Delrin (51) and Precision Ball (28) bearings available.  
Change "01" to other bearing code. Delrin example: 170XR06251.

### 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 Oilex models)
- **Finish:** Zinc plating
- Alternate or custom caster configurations available

### BEARING OPTIONS



### STAINLESS STEEL OPTION

See pages 80-81.



### BRAKE OPTIONS

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

Cam specify **CB170**



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

Face specify **FBB**



Face specify **FBE**

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

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

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



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

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
<b>X-tra Soft Flat Tread (01 Roller Bearing)*</b>						
XS	4	2	400	5 5/8	1 3/16	170XS04201
	5	2	500	6 1/2	1 3/8	170XS05201
	6	2	600	7 1/2	1 9/16	170XS06201
	8	2	675	9 1/2	2 1/4	170XS08201S-01

\*All 170 bearings listed are available. Delrin example: 170XS05251.

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
<b>SZ Solid Monoprene (27 Radial Ball Bearing)</b>						
SZ	6	2	250	7 1/2	1 9/16	170SZ06227
	8	2	280	9 1/2	2 1/4	170SZ08227S-01

For grey tread, specify "SV" and "28" (28 Prec. Ball Bearing) in part numbers (example: 16SV06228 or 16SV08228S-01)

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
<b>Aubin Industries Swivel-EAZ® Crown Tread (28 Prec. Ball Bearing)</b>						
EY	4	2	675	5 5/8	1 3/16	170EY04228
	5	2	900	6 1/2	1 3/8	170EY05228
	6	2	1425	7 1/2	1 9/16	170EY06228
	8	2	1500	9 1/2	2 1/4	170EY08228S-01

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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) <small>(Based on nominal operation)</small>	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+

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

	EZ	4	2	900	5 5/8	13 1/16	170EZ04228
		5	2	1400	6 1/2	13 3/8	170EZ05228
		6	2	1500	7 1/2	19 1/16	170EZ06228
		8	2	1500	9 1/2	2 1/4	170EZ08228S-01

### Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

	AX	4	2	700	5 5/8	13 1/16	170AX04228
		5	2	1000	6 1/2	13 3/8	170AX05228
		6	2	1250	7 1/2	19 1/16	170AX06228
		8	2	1500	9 1/2	2 1/4	170AX08228S-01

85 Shore A

### Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

	PM	5	2	1000	6 1/2	13 3/8	170PM05228
		6	2	1250	7 1/2	19 1/16	170PM06228
		8	2	1500	9 1/2	2 1/4	170PM08228S-01

95 Shore A

### Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

	PM 80A	5	2	1000	6 1/2	13 3/8	170PM0522880A
		6	2	1250	7 1/2	19 1/16	170PM0622880A
		8	2	1500	9 1/2	2 1/4	170PM0822880AS-01

80 Shore A To Specify Rigid or Swivel, insert "R" or "S" before "80A". Example: 170PM08228R80A.

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

	UA	4	2	700	5 5/8	13 1/16	170UA04228
		6	2	750	7 1/2	19 1/16	170UA06228
		8	2	900	9 1/2	2 1/4	170UA08228S-01

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: 170UA08228S80A. To specify Rigid or Swivel, insert "R" or "S" before last 3 digit durometer code. Ex: 170UA08228R80A.

### Polyurethane on Polypropylene (01 Roller Bearing)

	XA	4	2	600	5 5/8	13 1/16	170XA04201
		5	2	750	6 1/2	13 3/8	170XA05201
		6	2	900	7 1/2	19 1/16	170XA06201
		8	2	1000	9 1/2	2 1/4	170XA08201S-01

### Phenolic (01 Roller Bearing)

	TM	4	2	800	5 5/8	13 1/16	170TM04201
		5	2	1000	6 1/2	13 3/8	170TM05201
		6	2	1200	7 1/2	19 1/16	170TM06201
		8	2	1400	9 1/2	2 1/4	170TM08201S-01

### Polyurethane on Cast Iron (01 Roller Bearing)\*

	PY	4	2	750	5 5/8	13 1/16	170PY04201
		5	2	1050	6 1/2	13 3/8	170PY05201
		6	2	1200	7 1/2	19 1/16	170PY06201
		8	2	1500	9 1/2	2 1/4	170PY08201S-01

95 Shore A

\*Available with Precision Ball (28) bearings (except 4" diameter models). Change 01 to other bearing code. Example: 170PY05228.

For grey tread specify "SV" wheel code (example 16SV05228).

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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) <small>(Based on nominal operation)</small>	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+

### Polyurethane on Cast Iron (01 Roller Bearing)\*

	PY 80A	4	2	600	5 5/8	13 1/16	170PY0420180A
		5	2	840	6 1/2	13 3/8	170PY0520180A
		6	2	960	7 1/2	19 1/16	170PY0620180A
		8	2	1200	9 1/2	2 1/4	170PY0820180AS-01

\*Available with Precision Ball (28) bearings (except 4" diameter models). Change 01 to other bearing code. To Specify Rigid or Swivel, insert "R" or "S" before "80A". Example: 170PY06228R80A.

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

	PF	6	2	1500	7 1/2	19 1/16	170PF06228
		8	2	1500	9 1/2	2 1/4	170PF08228S-01

95 Shore A

### X-treme Plus Solid Polyurethane (01 Roller Bearing)\*

	XP	4	2	1400	5 5/8	13 1/16	170XP04201
		5	2	1200	6 1/2	13 3/8	170XP05201
		6	2	1400	7 1/2	19 1/16	170XP06201
		8	2	1200	9 1/2	2 1/4	170XP08201S-01

\*All 170 bearings listed are available. Delrin example: 170XP05251.

### Solid Elastomer (28 Precision Ball)\*

	SE	4	2	1000	5 5/8	13 1/16	170SE04228
		5	2	1000	6 1/2	13 3/8	170SE05228
		6	2	1200	7 1/2	19 1/16	170SE06228
		8	2	1200	9 1/2	2 1/4	170SE08228S-01

\*Straight Roller (01) and Delrin (51) bearings available. Change "01" to other bearing code. Delrin example: 170SE06251.

### Glass Filled Polypropylene (01 Roller Bearing)\*

	RT	4	2	800	5 5/8	13 1/16	170RT04201
		5	2	1000	6 1/2	13 3/8	170RT05201
		6	2	1200	7 1/2	19 1/16	170RT06201
		8	2	1400	9 1/2	2 1/4	170RT08201S-01

\*Plain Bore (41), Precision ball (28) and Pedestal Precision Ball (29) bearings available. Change "01" to other bearing code. Plain Bore example: 170RT04241.

### Heavy Duty Glass Filled Nylon (01 Roller Bearing)\*

	DT	4	2	1000	5 5/8	13 1/16	170DT04201
		5	2	1200	6 1/2	13 3/8	170DT05201
		6	2	1400	7 1/2	19 1/16	170DT06201
		8	2	1500	9 1/2	2 1/4	170DT08201S-01

\*Plain Bore (41), Precision Ball (28) and Pedestal Precision Ball (29) bearings available. Change "01" to other bearing code. Precision Ball example: 170DT04228.

### High Temp Glass Filled Nylon (01 Roller Bearing)\*

	HT	4	2	800	5 5/8	13 1/16	170HT04201
		5	2	1000	6 1/2	13 3/8	170HT05201
		6	2	1200	7 1/2	19 1/16	170HT06201
		8	2	1400	9 1/2	2 1/4	170HT08201S-01

\*Plain Bore (41) available. Change "01" to other bearing code. Example: 110HT04241.

### Cast Iron (01 Roller Bearing)

	CA	4	2	1000	5 5/8	13 1/16	170CA04201
		5	2	1300	6 1/2	13 3/8	170CA05201
		6	2	1400	7 1/2	19 1/16	170CA06201
		8	2	1500	9 1/2	2 1/4	170CA08201S-01

### Heavy Duty Cast Iron (01 Roller Bearing)

	CH	5	2	1500	6 1/2	13 3/8	170CH05201
		6	2	1500	7 1/2	19 1/16	170CH06201
		8	2	1500	9 1/2	2 1/4	170CH08201S-01

170 SERIES • CAPACITY TO 1500

HEAVY DUTY KINGPINLESS