



Premium Quality



Environmentally Friendly

# 71

## Medium Heavy Duty Casters CAPACITY TO 1500

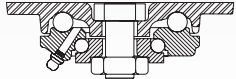


These heavy duty hot forged steel casters are designed for extended life in rugged applications. They will outperform cold forged or stamped steel casters in swivel applications.

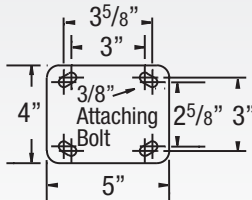
### TYPICAL APPLICATIONS

- Production racks and fixtures
- Live skids and Box trucks

### SWIVEL CROSS SECTION

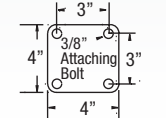


### MOUNTING OPTIONS Standard Plate

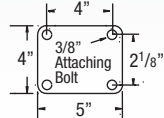


### Special Order Plates

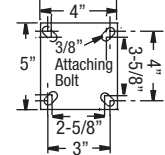
#### Optional H Plate



#### Optional G Plate



#### Optional J Plate



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

### Moldon Rubber on Cast Iron (01 Roller Bearing)\*

MR	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
	4	2	300	5 5/8	1 7/16	7 3/4	71MR04201
	5	2	450	6 1/2	1 13/16	8	71MR05201
	6	2	500	7 1/2	2 1/4	9 3/4	71MR06201
	8	2	600	10 1/8	2 1/4	12	71MR08201

\*Precision Ball (28) and Tapered Roller (09) Bearings available. Change "01" to other bearing code. Precision Ball example: 71MR04228.

### Heavy Duty Moldon Rubber on Cast Iron (01 Roller Bearing)\*

MH	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
	5	2	700	6 1/2	1 13/16	8	71MH05201
	6	2	820	7 1/2	2 1/4	9 3/4	71MH06201
	8	2	1000	10 1/8	2 1/4	12	71MH08201

\*Precision Ball (28) and Tapered Roller (09) Bearings available. Change "01" to other bearing code. Precision Ball example: 71MH05228.

### FEATURES

- **Top Plate:** AISI 1045 drop-forged steel for enhanced strength
- **Swivel Section:** Double ball bearing with coined "deep-groove" load and machined component thrust raceway
- **Legs:** 1/4" steel formed to increase strength and welded to the yoke base
- **King Bolt:** 3/4" diameter heat treated bolt and nut for enhanced load capacity
- **Axle:** 1/2" diameter hollow axle with lock nut on straight roller bearings and delrin bearing offerings. Solid axle on ball, and Oilex bearing offerings
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle
- Alternate or custom caster configurations available

### RIG OPTIONS

- **Sealed swivel section** specify **NS71**
- **Heat treated raceway** specify **HT01**
- **NSF** for food service industry specify **NSF**

### BRAKE OPTIONS

To order, add brake code below to end of model. Example: 71XS06201**SCB71**

Cam specify **CB71**

Single Side specify **SSB71**. Double Sided specify **DSB71**

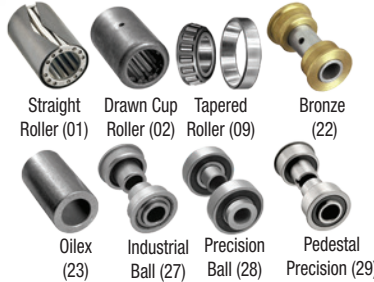
Face specify **FBB**

Poly Cam specify **P**

Swivel Lock (welded) specify **L**

Hand operated field installable swivel lock order **SL710000** separately

### BEARING OPTIONS



+ 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)	Approx. Wt. (Lbs)	Base Caster Number+
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### Moldon Rubber on Aluminum (01 Roller Bearing)\*

MD	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
	4	2	400	5 5/8	1 7/16	6 1/2	71MD04201
	5	2	500	6 1/2	1 13/16	7	71MD05201
	6	2	550	7 1/2	2 1/4	7 1/2	71MD06201
	8	2	600	10 1/8	2 1/4	9 1/2	71MD08201

\*Precision Ball (28) and Tapered Roller (09) Bearings available. Change "01" to other bearing code. Precision Ball example: 71MD04228.

### X-tra Soft Flat Tread (01 Roller Bearing)\*

XS	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
	4	2	400	5 5/8	1 7/16	5 1/2	71XS04201
	5	2	500	6 1/2	1 13/16	6 1/4	71XS05201
	6	2	600	7 1/2	2 1/4	6 3/4	71XS06201
	8	2	675	10 1/8	2 1/4	8 1/2	71XS08201

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

\*Precision Ball (28) Bearings available.

Change "01" to "28" bearing code. Precision Ball example: 71XS04228.

### X-tra Soft Round Tread (01 Roller Bearing)\*

XR	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
	6	2	450	7 1/2	2 1/4	6 3/4	71XR06201
	8	2	600	10 1/8	2 1/4	8 1/2	71XR08201

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

\*Precision Ball (28) Bearings available.

Change "01" to "28" bearing code. Precision Ball example: 71XR06228.

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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) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+

Polyurethane on Aluminum (01 Roller Bearing)								
	PD	4	2	700	5 <sup>5</sup> / <sub>8</sub>	17/16	6 <sup>1</sup> / <sub>2</sub>	71PD04201
		5	2	1050	6 <sup>1</sup> / <sub>2</sub>	1 <sup>13</sup> / <sub>16</sub>	7	71PD05201
		6	2	1230	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>2</sub>	71PD06201
		8	2	1500	10 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>2</sub>	71PD08201

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)								
	AX	4	2	800	5 <sup>5</sup> / <sub>8</sub>	17/16	5 <sup>1</sup> / <sub>2</sub>	71AX04228
		5	2	1000	6 <sup>1</sup> / <sub>2</sub>	1 <sup>13</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>4</sub>	71AX05228
		6	2	1250	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>4</sub>	6 <sup>3</sup> / <sub>4</sub>	71AX06228
		8	2	1500	10 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>2</sub>	71AX08228
85 Shore A								

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)								
	PM	5	2	1000	6 <sup>1</sup> / <sub>2</sub>	1 <sup>13</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>4</sub>	71PM05228
		6	2	1250	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>4</sub>	6 <sup>3</sup> / <sub>4</sub>	71PM06228
		8	2	1500	10 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>2</sub>	71PM08228
	95 Shore A							

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)								
	PM 80A	5	2	1000	6 <sup>1</sup> / <sub>2</sub>	1 <sup>13</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>4</sub>	71PM0522880A
		6	2	1250	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>4</sub>	6 <sup>3</sup> / <sub>4</sub>	71PM0622880A
		8	2	1500	10 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>2</sub>	71PM0822880A
	80 Shore A							

To Specify Rigid or Swivel, insert "R" or "S" before "80A".  
Example: 71PM08228R80A.

Polyurethane on Cast Iron (01 Roller Bearing)								
	PY	3 <sup>1</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>16</sub>	420	5 <sup>1</sup> / <sub>4</sub>	17/16	6 <sup>1</sup> / <sub>4</sub>	71PY03201
		4	2	750	5 <sup>5</sup> / <sub>8</sub>	17/16	8	71PY04201
		5	2	1050	6 <sup>1</sup> / <sub>2</sub>	1 <sup>13</sup> / <sub>16</sub>	8 <sup>3</sup> / <sub>4</sub>	71PY05201
		6	2	1200	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>4</sub>	11	71PY06201
	8	2	1500	10 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	14	71PY08201	

80A Durometer available, add "80A" to end of caster number.  
80A capacity reduced by approximately 20%.  
Swivel example: 71PY06201S80A.

Polyurethane on Polypropylene (01 Roller Bearing)								
	XA	4	2	600	5 <sup>5</sup> / <sub>8</sub>	17/16	5 <sup>1</sup> / <sub>2</sub>	71XA04201
		5	2	750	6 <sup>1</sup> / <sub>2</sub>	1 <sup>13</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>4</sub>	71XA05201
		6	2	900	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>4</sub>	6 <sup>3</sup> / <sub>4</sub>	71XA06201
		8	2	1000	10 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>2</sub>	71XA08201

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

Solid Elastomer (01 Roller Bearing)*								
	SE	4	2	1000	5 <sup>5</sup> / <sub>8</sub>	17/16	6 <sup>1</sup> / <sub>2</sub>	71SE04201
		5	2	1000	6 <sup>1</sup> / <sub>2</sub>	1 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	71SE05201
		6	2	1000	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>4</sub>	7 <sup>3</sup> / <sub>4</sub>	71SE06201
		8	2	1000	10 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	10	71SE08201

Pedestal Precision (29) available. Change "01" to other bearing code. Pedestal Precision example: 71SE04229.

Glass Filled Polypropylene (01 Roller Bearing)								
	RT	4	2	800	5 <sup>5</sup> / <sub>8</sub>	17/16	5 <sup>1</sup> / <sub>2</sub>	71RT04201
		5	2	1000	6 <sup>1</sup> / <sub>2</sub>	1 <sup>13</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>4</sub>	71RT05201
		6	2	1200	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>4</sub>	6 <sup>3</sup> / <sub>4</sub>	71RT06201
		8	2	1400	10 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>2</sub>	71RT08201

Heavy Duty Glass Filled Nylon (01 Roller Bearing)								
	DT	4	2	1000	5 <sup>5</sup> / <sub>8</sub>	17/16	6 <sup>1</sup> / <sub>2</sub>	71DT04201
		5	2	1200	6 <sup>1</sup> / <sub>2</sub>	1 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	71DT05201
		6	2	1400	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>4</sub>	7 <sup>3</sup> / <sub>4</sub>	71DT06201
		8	2	1500	10 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	10	71DT08201

+ 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)	Approx. Wt. (Lbs)	Base Caster Number+

X-Treme™ Plus Solid Polyurethane (01 Roller Bearing)*								
	XP	4	2	1400	5 <sup>5</sup> / <sub>8</sub>	17/16	6 <sup>1</sup> / <sub>2</sub>	71XP04201
		5	2	1200	6 <sup>1</sup> / <sub>2</sub>	1 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	71XP05201
		6	2	1400	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>4</sub>	7 <sup>3</sup> / <sub>4</sub>	71XP06201
		8	2	1200	10 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	10	71XP08201

\*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29). Change "01" to other bearing code. Pedestal Precision example: 71XP04229.

Phenolic (01 Roller Bearing)								
	TM	3 <sup>1</sup> / <sub>4</sub>	2	700	5 <sup>1</sup> / <sub>4</sub>	17/16	6	71TM03201
		4	2	800	5 <sup>5</sup> / <sub>8</sub>	17/16	6 <sup>1</sup> / <sub>2</sub>	71TM04201
		5	2	1000	6 <sup>1</sup> / <sub>2</sub>	1 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	71TM05201
		6	2	1200	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>4</sub>	7 <sup>3</sup> / <sub>4</sub>	71TM06201
	8	2	1400	10 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	10	71TM08201	

Maxim® (01 Roller Bearing)*								
	NG	3 <sup>1</sup> / <sub>4</sub>	2	700	5 <sup>1</sup> / <sub>4</sub>	17/16	6	71NG03201
		4	2	800	5 <sup>5</sup> / <sub>8</sub>	17/16	6 <sup>1</sup> / <sub>2</sub>	71NG04201
		5	2	1000	6 <sup>1</sup> / <sub>2</sub>	1 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	71NG05201
		6	2	1200	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>4</sub>	7 <sup>3</sup> / <sub>4</sub>	71NG06201
	8	2	1400	10 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	10	71NG08201	

Prevenz™ antimicrobial models available. Add PREV to end of model.  
\*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29). Change "01" to other bearing code. Pedestal Precision example: 71NG04229.

Trionix™ High Impact Polymer (28 Precision Ball Bearing)								
	NX	4	2	1500	5 <sup>5</sup> / <sub>8</sub>	17/16	6 <sup>1</sup> / <sub>2</sub>	71NX04228
		5	2	1500	6 <sup>1</sup> / <sub>2</sub>	1 <sup>13</sup> / <sub>16</sub>	7	71NX05228
		6	2	1500	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>2</sub>	71NX06228
		8	2	1500	10 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>2</sub>	71NX08228

Cast Iron (01 Roller Bearing)								
	CA	3 <sup>1</sup> / <sub>4</sub>	2	700	5 <sup>1</sup> / <sub>4</sub>	17/16	8 <sup>1</sup> / <sub>4</sub>	71CA03201
		4	17/8	1000	5 <sup>5</sup> / <sub>8</sub>	17/16	8 <sup>1</sup> / <sub>4</sub>	71CA04201
		5	17/8	1300	6 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>4</sub>	71CA05201
		6	17/8	1400	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>4</sub>	71CA06201
	8	2	1500	10 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>2</sub>	71CA08201	

Heavy Duty Cast Iron (01 Roller Bearing)								
	CH	5	2	1500	6 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	10	71CH05201
		6	2	1500	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>4</sub>	12	71CH06201
		8	2	1500	10 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	15	71CH08201

Drop Forged Steel (01 Roller Bearing)*								
	FS	4	1 <sup>1</sup> / <sub>2</sub>	1400	5 <sup>5</sup> / <sub>8</sub>	17/16	8 <sup>1</sup> / <sub>4</sub>	71FS04101
		5	1 <sup>3</sup> / <sub>4</sub>	1500	6 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>4</sub>	71FS05201
		6	2	1500	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>4</sub>	71FS06201

\*Tapered Roller bearings (09) available. Change "01" to other bearing code. Example: 71FS04109.

Ductile Iron Crowned Tread (01 Roller Bearing)								
	FR, FM	5	2	1500	6 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	10	71FR05201
		6	2	1500	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>4</sub>	12	71FR06201
		8	2	1500	10 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	15	71FR08201

\*Roller (09) and Precision Ball (28) bearings available. Change "01" to other bearing code. Tapered Roller example: 71FR05209.

Note: Ductile Iron Flat Tread (FM) models available.  
Change FR wheel code to FM. Example: 71FM05201.