

# 310

**Made in the USA**  
**Contender™**  
**Kingpinless Casters**  
**CAPACITY TO 4100**



Constructed from high quality, heat treated AISI 1045 laser-cut steel. Precision machined raceway, fully welded legs (inside and outside), and kingpinless design delivers superior strength in rugged applications.

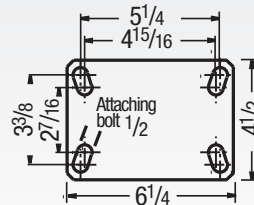
### TYPICAL APPLICATIONS

- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs

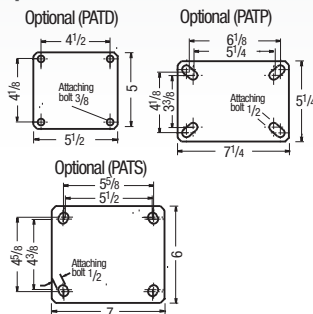
### SWIVEL CROSS SECTION



### MOUNTING OPTIONS Standard Plate



### Special Order Plate



Premium Quality



Towing<sup>^</sup>



Environmentally Friendly

### FEATURES

- New laser cut steel construction
- 3 Year warranty
- **Top Plate:** 5/16" AISI 1045 heat treated steel welded inside and out for longer life
- **Swivel Section:** One row of 1/2" ball bearings mounted in a heat treated precision machined raceway. Zerk in swivel section
- **Yoke Base:** Notched AISI 1045 steel
- **Legs:** 3/8" thick welded inside and out
- **Axle:** 3/4" diameter
- **Finish:** RoHS Zinc plating, for greater corrosion resistance than paint
- Alternate or custom caster configurations available

### RIG OPTIONS

- **Optional Towable Swivel Leads:**  
 6" dia. 2-7/32"  
 8" dia. 2-15/16"  
 10" dia. 3-3/8"  
 12" dia. 4-5/16"  
 Consult factory for capacity changes. To order add **XL** to end of model. Example: 310MR06401**SXL**
- **Optional Spring Loaded:** Greater capacity and better shock protection. Noise levels are reduced through the dampening effect of these casters. See pages 94-95

### BRAKE OPTIONS

To order, add brake code below to end of model. Example: 310PY08401**SP**

**Poly Cam**  
specify **P**



**PLB Integrated**  
specify **PLB**

**Single Side** specify **SSB310**  
**Double Sided** specify **DSB310**

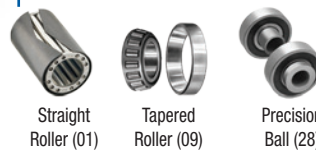


**Face Contact**  
specify **FBB**

**Hand Operated Swivel Lock**  
specify **L**



### BEARING OPTIONS



### TOE GUARD



Specify **TOE** for caster integrated toe guard. Standard

model toe guards are 1/2" from the floor.

### STAINLESS STEEL OPTION

See page 84



Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rate for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
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+ 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/MH	6	2 1/2	700	7 1/2	1 3/8	310MR06401
	6	3	750	7 1/2	1 3/8	310MR06501
	8	2 1/2	850	10 1/8	2 1/16	310MR08401
	8	3	900	10 1/8	2 1/16	310MR08501
	10	2 1/2	950	11 1/2	2 1/4	310MR10401
	10	2 1/2**	1500	11 1/2	2 1/4	310MH10401
	10	3	1000	11 1/2	2 1/4	310MR10501
	10	3**	1800	11 1/2	2 1/4	310MH10501
	12	2 1/2	950	13 1/2	2 11/16	310MR12401
	12	2 1/2**	1700	13 1/2	2 11/16	310MH12401
	12	3	1200	13 1/2	2 11/16	310MR12501

\*MR available with Tapered Roller (09) bearings. Change "01" to "09". Example: 310MR10409.

\*\*Heavy-duty MH version of wheel.

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

PY	6	2 1/2	1600	7 1/2	1 3/8	310PY06401
	6	3	2000	7 1/2	1 3/8	310PY06501
	8	2 1/2	2000	10 1/8	2 1/16	310PY08401
	8	3	2500	10 1/8	2 1/16	310PY08501
	10	2 1/2	2300	11 1/2	2 1/4	310PY10401
	10	3	3000	11 1/2	2 1/4	310PY10501
	12	2 1/2	2700	13 1/2	2 11/16	310PY12401
	12	3	3500	13 1/2	2 11/16	310PY12501

95 Shore A

80 Shore A

\*Tapered Roller (09) bearings available. Change "01" to "09". Example: 310PY10409.

80A Durometer available, add "80A" to end of caster number. 80A capacity reduced by approximately 20%. Swivel example: 310PY06401**S80A**.

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