

610

Contender™ Kingpinless Casters CAPACITY TO 9500

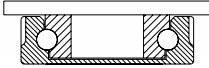


Highly recommended for automotive and aerospace applications. This caster is built to take the punishment of constant swiveling or for service where shock or impact loads might damage less rugged casters.

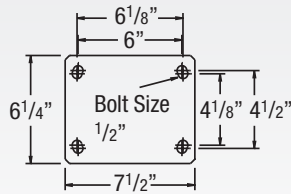
TYPICAL APPLICATIONS

- Body dolly carts
- Engine dollies
- Material carts
- Chassis rack carts
- Paint line dollies
- Towed trash gondolas

SWIVEL CROSS SECTION



MOUNTING OPTION



Premium Quality



Towing[^]



Environmentally Friendly

FEATURES

- **Top Plate:** 1/2" thick AISI 1045 steel precision machined and through-hardened for long life
- **Swivel Section:** 3/4" ball bearings mounted in a 4-3/8" precision machined raceway. Zerkl in swivel section
- **Legs:** 3/8" thick steel welded to yoke base using 100,000 psi weld filler
- **Axle:** 2-1/2" and 3" tread width wheels feature a 3/4" axle, 3-1/2" and 4" tread width wheels feature a 1" axle
- Alternate or custom caster configurations available

RIG OPTIONS

- Dual wheel models available, consult factory
- Shear disk mounting, consult factory
- **Optional Spring Loaded:** Greater capacity and better shock protection. Noise levels are reduced through the dampening effect of these casters. See pages 98-99.



BRAKE OPTIONS

To order, add brake code below to end of model. Example: 610PY08409SP

Poly Cam
specify **P**



PLB Integrated
specify **PLB**



Single Side specify **SSB610**. **Double Sided** specify **DSB610**



Hand Operated Swivel Lock
specify **L**

BEARING OPTIONS



Straight Roller (01)

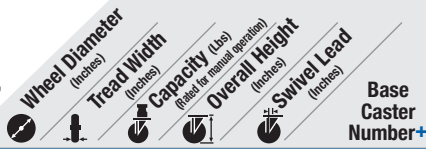


Tapered Roller (09)



Precision Ball (28)

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



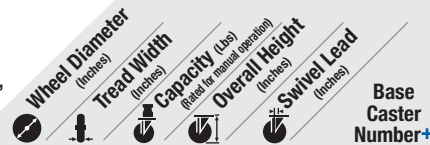
Moldon Rubber on Cast Iron (01 Roller Bearing)*

MR/MH	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	2 1/2	540	8 1/2	1 3/4	610MR06401
	6	3	680	8 1/2	1 3/4	610MR06501
	8	2 1/2	670	10 1/2	2 1/4	610MR08401
	8	2 1/2**	1300	10 1/2	2 1/4	610MH08401
	8	3	840	10 1/2	2 1/4	610MR08501
	10	2 1/2**	1500	12 1/2	2 3/4	610MH10501
	10	3	1000	12 1/2	2 3/4	610MR10501
	10	3**	1800	12 1/2	2 3/4	610MH10501
	10	4	1400	12 1/2	2 3/4	610MR10701
	12	2 1/2**	1700	15 1/2	3 5/8	610MH12501
	12	3 1/2	1370	15 1/2	3 5/8	610MR12601
	12	4	1600	15 1/2	3 5/8	610MR12701
	14	3	1280	18	4 3/8	610MR14501

*MR available with Tapered Roller (01) bearings. Change "01" to "09". Example: 610MR10509.

**Heavy-duty MH version of wheel.

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



Polyurethane on Aluminum (01 Roller Bearing)

PD	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	8	2 1/2	2010	10 1/2	2 1/4	610PD08401
	8	3	2520	10 1/2	2 1/4	610PD08501
	10	2 1/2	2370	12 1/2	2 3/4	610PD10401
	10	3	3000	12 1/2	2 3/4	610PD10501

Polyurethane on Cast Iron (09 Tapered Roller Bearing)

PY	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	2 1/2	1600	8 1/2	1 3/4	610PY06409
	6	3	2000	8 1/2	1 3/4	610PY06509
	8	2 1/2	2000	10 1/2	2 1/4	610PY08409
	8	3	2500	10 1/2	2 1/4	610PY08509
	8	4	3800	10 1/2	2 1/4	610PY08709
	10	3	3000	12 1/2	2 3/4	610PY10509
	10	4	4200	12 1/2	2 3/4	610PY10709
	12	3 1/2	4110	15 1/2	3 5/8	610PY12609
	12	4	4800	15 1/2	3 5/8	610PY12709
	14	4	5000	18	4 3/8	610PY14709

*Roller (01) bearings available. Change "09" to "01". Example: 610PY10501.



80A Durometer available, add "80A" to end of caster number. 80A capacity reduced by approximately 20%. Swivel example: 610PY06409S80A.

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