

94

BBL Super Duty Casters (Ball Load Swivel)

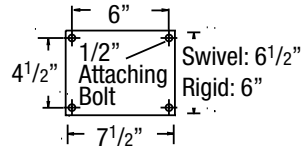


This caster has a ball load swivel (ball load swivel = "BBL") and is precision machined and heat treated to provide long life with greater capacity for that very rugged application. Made from AISI 1045 forged steel.

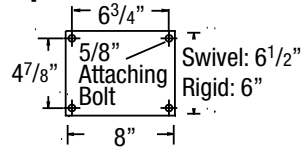
TYPICAL APPLICATIONS

- Die carts
- Towed trailers
- Automotive plants
- Aerospace industry
- Work stations
- Steelmills
- Aircraft maintenance

MOUNTING PLATE Standard Plate



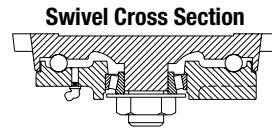
Optional C Plate



FEATURES

- **Top Plate and Yoke Base:** 1/2" thick AISI 1045 drop forged steel
- **Swivel Load:** 5" diameter ball load race with 1/2" steel balls hardened for greater resistance to wear and brinelling. Protected by a forged labyrinth skirt.
- **Thrust Race:** 1-1/4" tapered roller bearing
- **Legs:** 3/8" formed steel plate welded inside and out to yoke base and rigid top
- **King Bolt:** 1-1/4" diameter integrally forged with top plate for maximum strength
- **Axle:** 1" solid axle with lock nut
- **Lubrication:** Zerk fitting in yoke base and wheel hubs for easy lubrication
- Alternate or custom caster configurations available

BEARING OPTIONS



RIG OPTIONS

- Sealed swivel section specify **NS94**

BRAKE OPTIONS

Poly Cam
specify **P**



Single Side specify **SSB94**. **Double Sided** specify **DSB94**



Face Contact
specify **F**



Wrap Around
specify **WB94**



Welded Swivel Lock
specify **L**



Hand operated field Installable Swivel Lock
specify **SL940000**
(Yokes must be notched)

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
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Moldon Rubber on Cast Iron (09 Tapered Roller Bearing)

8	3	900	10 1/2	2 1/2	36 3/4	94MR08509SBBL
10	3	1000	12 1/2	2 1/2	39 3/4	94MR10509SBBL
10	4	1400	12 1/2	2 1/2	50 3/4	94MR10709SBBL
12	3 1/2	1500	15 1/2	2 1/2	55 3/4	94MR12609SBBL
12	4	1600	15 1/2	2 1/2	63 1/4	94MR12709SBBL

Heavy Duty Moldon Rubber on Cast Iron (09 Tapered Bearing)

10	3	1800	12 1/2	2 1/2	39 3/4	94MH10509SBBL
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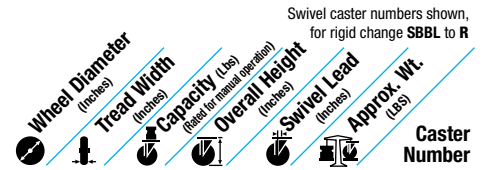
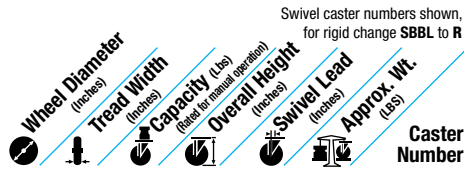
Polyurethane on Cast Iron (09 Tapered Roller Bearing)

6	2 1/2	1620	8 1/2	2 1/2	36	94PY06409SBBL
6	3	2040	8 1/2	2 1/2	37 1/4	94PY06509SBBL
8	3	2520	10 1/2	2 1/2	41	94PY08509SBBL
8	4	3500	10 1/2	2 1/2	48	94PY08709SBBL
10	3	3000	12 1/2	2 1/2	45 1/2	94PY10509SBBL
10	4	4200	12 1/2	2 1/2	55	94PY10709SBBL
12	3 1/2	4110	15 1/2	2 1/2	57 1/2	94PY12609SBBL
12	4	4800	15 1/2	2 1/2	60	94PY12709SBBL

Polyurethane on Cast Iron (09 Tapered Roller Bearing)*

6	2 1/2	1600	8 1/2	2 1/2	34	94PI06409SBBL
6	3	2000	8 1/2	2 1/2	35 1/2	94PI06509SBBL
8	2 1/2	2000	10 1/2	2 1/2	34 1/2	94PI08409SBBL
8	3	2500	10 1/2	2 1/2	35 1/2	94PI08509SBBL
10	2 1/2	2200	12 1/2	2 1/2	41	94PI10409SBBL
10	3	3000	12 1/2	2 1/2	42 1/2	94PI10509SBBL
12	2 1/2	2500	15 1/2	2 1/2	51 1/2	94PI12409SBBL
12	3	3500	15 1/2	2 1/2	53	94PI12509SBBL

*Roller (01) bearings available. Change "01" to other bearing code. Example: 94PI06401SBBL



Polyurethane on Aluminum (09 Tapered Roller Bearing)*

8	3	2520	10 1/2	2 1/2	37	94PD08509SBBL
10	3	3000	12 1/2	2 1/2	39 1/2	94PD10509SBBL

Roller (01) bearings available.
Change "09" to bearing code. Roller example: 92PD08501SBBL

Laminated Phenolic (09 Tapered Roller Bearing)

6	3	2000	8 1/2	2 1/2	29 1/2	94TL06509SBBL
8	3	2500	10 1/2	2 1/2	32 1/4	94TL08509SBBL
10	3	3000	12 1/2	2 1/2	46	94TL10509SBBL
12	3 1/2	4000	15 1/2	2 1/2	49 3/4	94TL12609SBBL

Thick Tread Polyurethane (09 Tapered Roller Bearing)

6	3	2040	8 1/2	2 1/2	37 1/4	94PX06509SBBL
8	3	2520	10 1/2	2 1/2	41 1/2	94PX08509SBBL
8	4	3500	10 1/2	2 1/2	48	94PX08709SBBL
10	3	3000	12 1/2	2 1/2	46	94PX10509SBBL
10	4	4200	12 1/2	2 1/2	55	94PX10709SBBL
12	4	4800	15 1/2	2 1/2	60	94PX12709SBBL

Prevenz™ antimicrobial models available. Add PREV to end of model.

Cast Iron (09 Tapered Roller Bearing)

6	3	2800	8 1/2	2 1/2	38 1/2	94CA06509SBBL
8	3	2800	10 1/2	2 1/2	38 1/2	94CA08509SBBL
8	4	4000	10 1/2	2 1/2	52 1/2	94CA08709SBBL
10	3	2800	12 1/2	2 1/2	43 1/2	94CA10509SBBL
12	3	2800	15 1/2	2 1/2	49 1/2	94CA12509SBBL
12	3 1/2	4000	15 1/2	2 1/2	63	94CA12609SBBL

Vulkollan on Cast Iron (01 Roller Bearing)*

6	2 1/2	2350	8 1/2	2 1/2	36	94VY06401SBBL
6	3	3000	8 1/2	2 1/2	37 1/4	94VY06501SBBL
8	3	4000	10 1/2	2 1/2	41	94VY08501SBBL
10	3	5000	12 1/2	2 1/2	45 1/2	94VY10501SBBL

*Tapered Roller (09) and Precision Ball (28) bearings available. Change "09" to other bearing code. Precision example: 94VY06428SBBL

Drop Forged Steel (01 Roller Bearing)

6	2 1/2	4000	8 1/2	2 1/2	37	94FS06401SBBL
6	3	5000	8 1/2	2 1/2	45	94FS06501SBBL
8	3	4500	10 1/2	2 1/2	44	94FS08501SBBL
8	4	5000	10 1/2	2 1/2	47	94FS08701SBBL
10	3	5000	12 1/2	2 1/2	53 3/4	94FS10501SBBL
10	4	5000	12 1/2	2 1/2	73 1/2	94FS10701SBBL

VY

Ductile Iron Crowned Tread (01 Roller Bearing)

6	2 1/2	3500	8 1/2	2 1/2	34	94FR06409SBBL
6	3	5000	8 1/2	2 1/2	35	94FR06509SBBL
8	3	5000	10 1/2	2 1/2	41	94FR08509SBBL
10	3	5000	12 1/2	2 1/2	46	94FR10509SBBL

*Straight Roller (01) and Precision Ball (28) available.
(Tapered Roller example: 94FR08509SBBL).
Ductile Iron Flat Tread (FM) and V-Groove (VM) models available.
Change FR wheel code to FM or VM. Example: 94FM08501BBL.

Thick Tread Vulkollan (01 Roller Bearing)

6	3	3000	8 1/2	2 1/2	37 1/4	94VX06501SBBL
8	3	4000	10 1/2	2 1/2	41 1/2	94VX08501SBBL
10	3	5000	12 1/2	2 1/2	46	94VX10501SBBL

*Tapered Roller (09) and Precision Ball (28) bearings available. Change "09" to other bearing code. Precision example: 94VX06428SBBL

VX

Ductile Iron (09 Tapered Roller Bearing)

12	3 1/2	5000	15 1/2	2 1/2	67 1/2	94FM12609SBBL
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Phenolic (09 Tapered Roller Bearing)

6	2 1/2	1620	8 1/2	2 1/2	32 1/4	94TM06409SBBL
8	3	2500	10 1/2	2 1/2	38	94TM08509SBBL
10	2 1/2	2500	12 1/2	2 1/2	46	94TM10409SBBL
10	3	2900	12 1/2	2 1/2	49	94TM10509SBBL
12	3 1/2	4000	15 1/2	2 1/2	52 3/4	94TM12609SBBL
12	4	5000	15 1/2	2 1/2		94TM12709SBBL

TM

Prevenz™ Antimicrobial Wheels

To order add "PREV" to end of model number.

