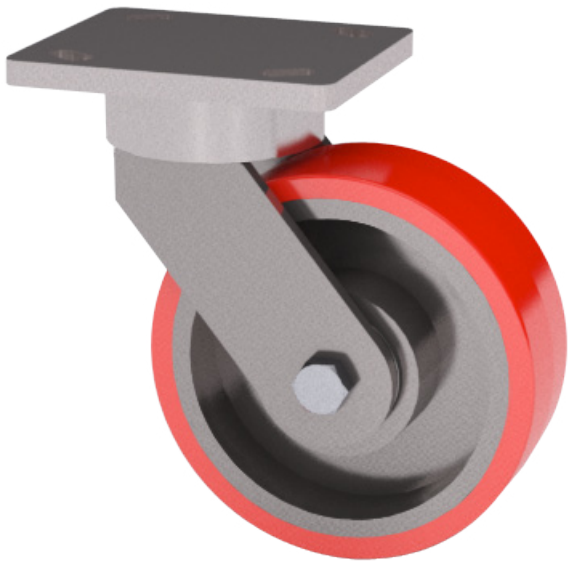


51

SERIES KINGPINLESS STYLE

1,500 ^{LBS} maximum capacity



Item Shown: 51-6002002-61-12

FEATURES

Swivel Section: High alloy swivel section is precision machined to accommodate 3/8" diameter ball bearings. Swivel sections are through hardened for durability.

Legs: 1/4" x 2" steel, formed and continuously welded inside and outside to the yoke base.

Kingpin: Kingpinless style design.

Axle: 1/2" diameter.

Lubrication: Pre-lubricated before shipping.

Wheels: 4" to 8" diameter wheels are available with straight roller bearings or ball bearings for ease in rolling.

Finish: Clear zinc plating.

BENEFITS

The 51 Series kingpinless style swivel bearings act as both load and thrust components to lock the swivel section together and distribute the load over a larger area. The hardened swivel sections and formed and welded legs provide the strength and durability necessary for use in applications where constant swiveling under load is necessary.

OPTIONS

Brakes:

- Cam: C*
- Poly Lock: P*
- Wrap Around: W*^
- Dual Side: DS^
- Single Side: SS^
- Face Contact: F

Swivel Locks:

- Factory Installed: L
- Demountable: DL
- Passive: PL

- Sealed Swivel:** SSW
- Sealed Wheels:** SW
- Toe Guard:** TG

*For wheels with diameter >6

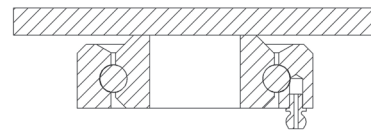
^Only available on roller bearing wheels.

APPLICATIONS

Excellent for light powered applications, bakery dough troughs, portable work benches, platform trucks, tow lines, utility carts, tooling fixtures, scrap metal carriers, drywall dollies, gantry cranes, automated guided vehicles, fiberglass lay-up molds, and other applications.

Top Plate Size	Bolt Hole Spacing	Bolt Diameter
Std: 4.0 x 5.0	2.625 x 3.625 Slotted to 3.0 x 3.0	0.375
OT 60: 4.5 x 6.25	2.438 x 4.938 Slotted to 3.375 x 5.25	0.5
OT 70: 5.0 x 7.25 x 0.38	3.375 x 5.25 Slotted to 4.125 x 6.125	0.5
OT 75: 6.0 x 7.0 x 0.38	4.62 x 5.5	0.5

51 Series Cross Sectional View



WHEEL			CAPACITY				PART NUMBER			
Dia.	Width	Material	Roller Bearing	Precision Ball	OAH	Swivel Lead	Straight Roller	Precision Ball	Swivel Radius	Wt.
4	1.50	Forged Steel	1,400	1,400	5.62	1.50	<u>51-04101-20-1</u>	51-04109-20-1†	3.58	7.25
4	2.00	Phenolic Resin	800		5.62	1.50	<u>51-04201-30-1</u>		3.64	7.50
4	2.00	Cast Iron	1,000		5.62	1.50	<u>51-04201-10-1</u>		3.64	7.50
4	2.00	Standard Polyurethane	700	700	5.62	1.50	<u>51-04201-60-1</u>	51-04204-60-1*	3.64	7.50
4	2.00	H.D. T/R Polyurethane	600	600	5.62	1.50	<u>51-04201-66-1</u>	51-04202-66-1	3.64	7.50
4	2.00	Mold On Rubber	350		5.62	1.50	<u>51-04201-70-1</u>		3.64	8.20
5	2.00	Forged Steel	1,500	1,500	6.50	1.75	<u>51-05201-20-1</u>	51-05209-20-1†	4.37	10.20
5	2.00	Cast Iron	1,200		6.50	1.75	<u>51-05201-10-1</u>		4.37	9.20
5	2.00	Phenolic Resin	1,000		6.50	1.75	<u>51-05201-30-1</u>		4.37	8.50
5	2.00	Standard Polyurethane	1,050	1,050	6.50	1.75	<u>51-05201-60-1</u>	51-05202-60-1	4.37	10.00
5	2.00	T/R Polyurethane	850	850	6.50	1.75	<u>51-05201-61-1</u>	51-05202-61-1	4.37	10.00
5	2.00	Mold On Rubber	400		6.50	1.75	<u>51-05201-70-1</u>		4.37	10.00
6	2.00	Forged Steel	1,500	1,500	7.50	2.25	<u>51-06201-20-1</u>	51-06209-20-1†	5.34	13.50
6	2.00	Cast Iron	1,200		7.50	2.25	<u>51-06201-10-1</u>		5.34	13.00
6	2.00	Phenolic Resin	1,200		7.50	2.25	<u>51-06201-30-1</u>		5.34	9.50
6	2.00	Standard Polyurethane	1,200	1,200	7.50	2.25	<u>51-06201-60-1</u>	51-06202-60-1	5.34	12.00
6	2.00	T/R Polyurethane	1,000	1,000	7.50	2.25	<u>51-06201-61-1</u>	51-06202-61-1	5.34	12.00
6	2.00	Mold On Rubber	425		7.50	2.25	<u>51-06201-70-1</u>		5.34	12.00
8	2.00	Cast Iron	1,500		10.12	2.25	<u>51-08201-10-1</u>		6.33	16.50
8	2.00	Phenolic Resin	1,400		10.12	2.25	<u>51-08201-30-1</u>		6.33	12.00
8	2.00	Standard Polyurethane	1,500	1,500	10.12	2.25	<u>51-08201-60-1</u>	51-08202-60-1	6.33	14.00
8	2.00	T/R Polyurethane	1,200	1,200	10.12	2.25	<u>51-08201-61-1</u>	51-08202-61-1	6.33	14.00
8	2.00	Mold On Rubber	500		10.12	2.25	<u>51-08201-70-1</u>		6.33	14.00

Capacity listed for manual operation. For powered operations consult factory.

Part numbers listed are for the swivel caster. For rigid casters, change series to 50 and change the last digit from 1 to 2 (ie: 50-06201-60-2).

Estimated weight is for the swivel caster, deduct 20% of swivel caster weight for rigid caster.

† This caster has tapered bearings.

* This caster has annular ball bearings

All dimensions are in inches. All weights are in pounds.