



Bona
Est. 1905

CASTERS AND WHEELS

- Home
- Casters
- Wheels
- Truck Locks
- M H Dollies
- Fabrication

LIGHT TO MEDIUM DUTY CASTERS

Series 50-A / 51-A, 75 to 650 lbs. capacity
 Series 52-A / 51-A, 110 to 700 lbs. capacity
 Special Duty Stem caster, 600 lbs. capacity
 Series 60-A / 61-A, 75 to 200 lbs. capacity
 Series 62-A / 63-A, 100 to 200 lbs. capacity

Series 50-A / 51-A

Light to Medium Duty Service

This single ball race design provides an economical, yet highly durable caster for light industrial use and a wide variety of institutional and commercial applications. They are used for dollies, laundry and food handling carts, light equipment and other mobile requirements.



Features

Construction: Heavy gauge steel deep formed for maximum strength.

Swivel bearing: Hardened and polished steel balls in deep formed raceway designed not only to carry the load but also to absorb side thrust between the deeply embossed outer apron of the base and formed inner flange of the fork.

Fork: Legs and fork are one piece pressed steel construction.

King Pin: Steel rivet, orbitally formed to provide equal strength at both ends.

Axle: A square neck under the head of the axle fits in a square hole in the leg of the fork which prevents the axle from turning. In addition, a steel sleeve fits over the axle (except for the 2" size) and is held rigidly between the fork members, thereby greatly strengthening the caster, preventing wear on the axle and providing a larger axle bearing for the wheel.

Wheel bearing: Plain bearing wheels are sized to rotate directly on the sleeve described above. Straight roller bearing wheels rotate on a hardened and ground steel sleeve which provides a precision inner raceway for the bearing.

Lubrication: Swivel is lubricated at the factory. Pressure fitting is provided in the wheel hub or in recessed head of hollow axle.

Finish: Zinc plated finish for all parts except the wheel.

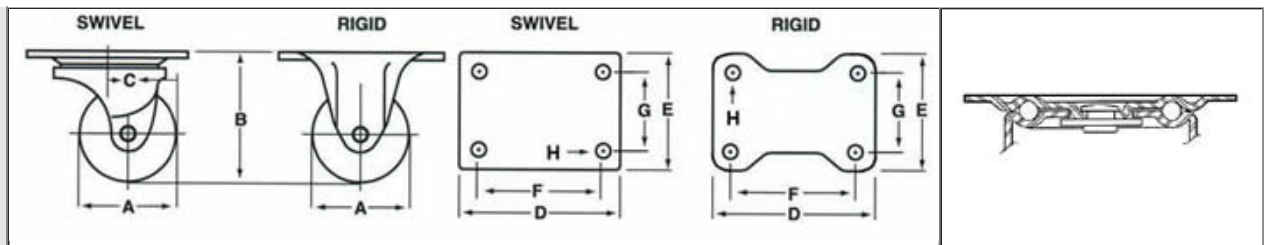
Rigid Caster: One-piece heavy gauge steel construction, deeply formed and embossed to equal the strength and durability of the companion swivel caster.

TOP PLATE AND MOUNTING SPECIFICATION (in inches):

Mounting Plate Configuration	Single Ball Raceway



Made In America



Series 50-A / 51-A			Series 50-A, Swivel					Series 51-A, Rigid				
Wheel Dia.	Overall Height	Swivel Radius	Top Plate Size		Bolt Hole Spacing		Mtg. Bolt	Top Plate Size		Bolt Hole Spacing		Mtg. Bolt
A	B	C	D	E	F	G	H	D	E	F	G	H
2	2-1/2	1-5/8	2-5/8	1-7/8	2-1/8	31/32	1/4	2-3/4	1-11/16	2-1/8	1-1/16	3/16
2-1/2	3-1/4	2-1/16	3-3/4	2-3/4	3	1-3/4	5/16	4-1/2	2-1/4	3-15/32	1-1/16	5/16
3	3-3/4	2-7/16	4-1/4	3-1/2	3-7/16	2-3/8	5/16	5	2-1/2	4	1-3/16	5/16
4	5	3-1/16	5	4-1/8	4	3	3/8	6-3/16	3-3/16	5	2	3/8
5	6-1/4	4-1/8	6-1/2	5-1/2	5-1/4	3-3/8	7/16	6-3/16	3-3/4	5	2-1/2	3/8
6	7-1/4	4-3/4	6-1/2	5-1/2	5-1/4	3-3/8	7/16	6-3/16	3-3/4	5	2-1/2	3/8

Series 50-A / 51-A

WHEEL SPECIFICATIONS				SWIVEL CASTERS			RIGID CASTERS		
Dia.	Face	Type	Load Cap.	Plain Bearing	Straight Roller Bearing	Approx. Wgt.	Plain Bearing	Straight Roller Bearing	Approx. Wgt.
2	3/4	Semi-Steel	125	50-A-2		3/4	51-A-2		1/2
	1-1/2	V-Groove	200	1VG50-A-2		2-1/3	1VG51-A-2		1-1/2
	13/16	Solid Rubber ST	75	3ST50-A-2		1/2	3ST51-A-2		3/8
		Solid Rubber HT	100	3HT50-A-2		1/2	3HT51-A-2		3/8
2-1/2	3/4	Bondrelene	100	950-A-2		1/2	951-A-2		3/8
		Semi-Steel	200	50-A-25	150-A-25	1-1/2	51-A-25	151-A-25	1-7/8
	1-1/8	Solid Rubber ST	110	3ST50-A-25		3/4	3ST51-A-25		5/8
		Solid Rubber HT	175	3HT50-A-25		3/4	3HT51-A-25		5/8
3	1-1/4	Bondrelene	100	950-A-25		3/4	951-A-25		5/8
		Semi-Steel	300	50-A-3	150-A-3	2-3/4	51-A-3	151-A-3	2-1/4
		Solid Rubber ST	125	3ST50-A-3	13ST50-A-3	1-5/8	3ST51-A-3	13ST51-A-3	1-1/8
	1-1/2	Solid Rubber HT	210	3HT50-A-3	13HT50-A-3	1-5/8	3HT51-A-3	13HT51-A-3	1-1/8
		Bondcelon	300	450-A-3	1450-A-3	1-5/8	451-A-3	1451-A-3	1-1/8
1-1/4	Bondrelene	300	950-A-3		1-5/8	951-A-3		1-1/8	
4	1-1/2	Semi-steel	450	50-A-4	150-A-4	5	51-A-4	151-A-4	4
		V-Groove	450		1VG50-A-4	5-1/4		1VG51-A-4	3-3/4
		Solid Rubber ST	225	3ST50-A-4	13ST50-A-4	3	3ST51-A-4	13ST51-A-4	2
		Solid Rubber HT	400	3HT50-A-4	13HT50-A-4	3	3HT51-A-4	13HT51-A-4	2
		Bondcelon	450		1450-A-4	3		1451-A-4	2
		Vulc-on G1	200		1550-A-4	4-5/8		1551-A-4	3-5/8
		Vulc-on G2	400		1650-A-4	4-5/8		1651-A-4	3-5/8
		Vulc-on G3	200		1750-A-4	4-5/8		1751-A-4	3-5/8
		Bonduthane	450		1850-A-4	3-3/4		1851-A-4	2-3/4
		Bondrelene	*450	950-A-4	1950-A-4	2-3/4	951-A-4	1951-A-4	1-3/4
5	2	Semi-steel	500	50-A-5	150-A-5	8-3/4	51-A-5	151-A-5	6-1/2
		V-Groove	500		1VG50-A-5	9-1/4		1VG51-A-5	7
	2	Solid Rubber ST	250	3ST50-A-5	13ST50-A-5	6	3ST51-A-5	13ST51-A-5	3-3/4
		Solid Rubber HT	425	3HT50-A-5	13HT50-A-5	6	3HT51-A-5	13HT51-A-5	3-3/4
		Bondcelon	500		1450-A-5	5-3/4		1451-A-5	3-1/2
		Vulc-on G1	320		1550-A-5	9		1551-A-5	6-3/4
		Vulc-on G2	500		1650-A-5	9		1651-A-5	6-3/4
		Vulc-on G3	320		1750-A-5	9		1751-A-5	6-3/4
		Bonduthane	600		1850-A-5	8		1851-A-5	5-3/4
		Bondrelene	*450	950-A-5	1950-A-5	5	951-A-5	1951-A-5	2-3/4
Semi-steel	650	50-A-6	150-A-6	10	51-A-6	151-A-6	7-3/4		

6	2	V-Groove	650		1VG50-A-6	9		1VG51-A-6	6-3/4
		Solid Rubber ST	400	3ST50-A-6	13ST50-A-6	7-1/4	3ST51-A-6	13ST51-A-6	5
		Solid Rubber HT	560	3HT50-A-6	13HT50-A-6	7-1/4	3HT51-A-6	13HT51-A-6	5
		Bondcelon	650		1450-A-6	6-1/4		1451-A-6	4-1/4
		Vulc-on G1	340		1550-A-6	9		1551-A-6	6-3/4
		Vulc-on G2	650		1650-A-6	9		1651-A-6	6-3/4
		Vulc-on G3	340		1750-A-6	9		1751-A-6	6-3/4
		Bonduthane	650		1850-A-6	10-1/2		1851-A-6	8-1/4
		Bondrelene	*650	950-A-6	1950-A-6	5-1/4	951-A-6	1951-A-6	3

* With plain bearing reduce capacity by 100 pounds.

Series 52-A / 51-A Light to Medium Duty Service

The Series 52-A casters are used for heavy office and institutional equipment and for light to medium duty industrial applications. The double ball race swivel design assures easy motion in any direction and long service life. A full selection of both floor protection and metal wheels broadens the applications of this extremely versatile caster.



Features

Construction: Heavy gauge steel deep formed for maximum strength.

Swivel bearing: A deeply formed, coined work-hardened ball race carries a full compliment of hardened and polished steel balls to carry the load and absorb side thrust. A matching lower race balances the load and absorbs the thrust providing easy swiveling and long life.

Fork: Legs and fork are one piece pressed steel construction.

King Pin: Steel rivet, orbitally formed to provide equal strength at both ends.

Axle: A square neck under the head of the axle fits in a square hole in the leg of the fork which prevents the axle from turning. In addition, a steel sleeve fits over the axle and is held rigidly between the fork members, thereby, greatly strengthening the caster, preventing wear on the axle and providing a larger axle bearing for the wheel.

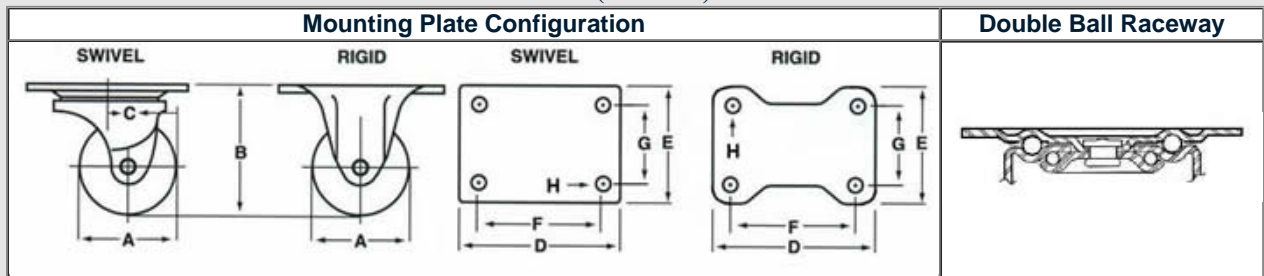
Wheel bearing: Plain bearing wheels are sized to rotate directly on the sleeve. Straight roller bearing wheels rotate on a hardened and ground steel sleeve which provides a precision inner raceway for the bearing.

Lubrication: Swivel is lubricated at the factory. Pressure fittings are provided in the wheel hub or in the recessed head of a hollow axle.

Finish: Zinc plated finish for all parts except the wheel.

Rigid Caster: One-piece heavy gauge steel construction deeply formed and embossed to equal the strength and durability of the companion swivel caster.

TOP PLATE AND MOUNTING SPECIFICATION (in inches):



Series 52-A / 51-A			Series 52-A, Swivel				Series 51-A, Rigid					
Wheel Dia.	Overall Height	Swivel Radius	Top Plate Size		Bolt Hole Spacing		Mtg. Bolt	Top Plate Size		Bolt Hole Spacing		Mtg. Bolt
A	B	C	D	E	F	G	H	D	E	F	G	H

2-1/2	3-1/4	2-1/16	3-3/4	2-3/4	3	1-3/4	5/16	4-1/2	2-1/4	3-15/32	1-1/16	5/16
3	3-3/4	2-7/16	4-1/4	3-1/2	3-7/16	2-3/8	5/16	5	2-1/2	4	1-3/16	5/16
4	5	3-1/16	5	4-1/8	4	3	3/8	6-3/16	3-3/16	5	2	3/8
5	6-1/4	4-1/8	6-1/2	5-1/2	5-1/4	3-3/8	7/16	6-3/16	3-3/4	5	2-1/2	3/8
6	7-1/4	4-3/4	6-1/2	5-1/2	5-1/4	3-3/8	7/16	6-3/16	3-3/4	5	2-1/2	3/8

Series 52-A/51-A

WHEEL SPECIFICATIONS				SWIVEL CASTERS			RIGID CASTERS		
Dia.	Face	Type	Load Cap.	Plain Bearing	Straight Roller Bearing	Approx. Wgt.	Plain Bearing	Straight Roller Bearing	Approx. Wgt.
2	1-1/2	V-groove	225		1VG52-A-2	2-1/2		1VG51-A-2	1-1/2
2-1/2	1	Semi-Steel	225	52-A-25	152-A-25	1-3/4	51-A-25	151-A-25	1-7/8
		Solid Rubber ST	110	3ST52-A-25		1	3ST51-A-25		5/8
		Solid Rubber HT	175	3HT52-A-25		1	3HT51-A-25		5/8
		Bonduthane	175	852-A-25		1	851-A-25		5/8
	1-1/8	Bondrelene	175	952-A-25		1	951-A-25		5/8
3	1-1/4	Semi-Steel	350	52-A-3	152-A-3	2-7/8	51-A-3	151-A-3	2-1/4
		Solid Rubber ST	125	3ST52-A-3	13ST52-A-3	1-3/4	3ST51-A-3	13ST51-A-3	1-1/8
		Solid Rubber HT	210	3HT52-A-3	13HT52-A-3	1-3/4	3HT51-A-3	13HT51-A-3	1-1/8
	1-1/2	Bondcelon	350	452-A-3	1452-A-3	1-3/4	451-A-3	1451-A-3	1-1/8
	1-1/4	Bondrelene	300	952-A-3		1-3/4	951-A-3		1-1/8
4	1-1/2	Semi-steel	500	52-A-4	152-A-4	4-1/4	51-A-4	151-A-4	4
		V-groove	500		1VG52-A-4	4-1/4		1VG51-A-4	3-3/4
		Solid Rubber ST	225	3ST52-A-4	13ST52-A-4	3-1/4	3ST51-A-4	13ST51-A-4	2
		Solid Rubber HT	400	3HT52-A-4	13HT52-A-4	3-1/4	3HT51-A-4	13HT51-A-4	2
		Bondcelon	500		1452-A-4	3-1/4		1451-A-4	2
		Vulc-on G1	200		1552-A-4	4-7/8		1551-A-4	3-5/8
		Vulc-on G2	400		1652-A-4	4-7/8		1651-A-4	3-5/8
		Vulc-on G3	200		1752-A-4	4-7/8		1751-A-4	3-5/8
		Bonduthane	500		1852-A-4	4-3/4		1851-A-4	3-1/2
Bondrelene	450*	952-A-4	1952-A-4	3	951-A-4	1951-A-4	1-3/4		
5	2	Semi-steel	550	52-A-5	152-A-5	9	51-A-5	151-A-5	6-1/2
	1-3/4	V-groove	550		1VG52-A-5	9-1/2		1VG51-A-5	7
	2	Solid Rubber ST	250	3ST52-A-5	13ST52-A-5	6-1/4	3ST51-A-5	13ST51-A-5	3-3/4
		Solid Rubber HT	425	3HT52-A-5	13HT52-A-5	6-1/4	3HT51-A-4	13HT51-A-5	3-3/4
		Bondcelon	550		1452-A-5	5-3/4		1451-A-5	3-1/2
		Vulc-on G1	320		1552-A-5	8-1/4		1551-A-5	6-3/4
		Vulc-on G2	550		1652-A-5	8-1/4		1651-A-5	6-3/4
		Vulc-on G3	320		1752-A-5	8-1/4		1751-A-5	6-3/4
		Bonduthane	550		1852-A-5	7-3/4		1851-A-5	5-1/4
Bondrelene	550*	952-A-5	1952-A-5	5	951-A-5	1951-A-5	2-3/4		
6	2	Semi-steel	700	52-A-6	152-A-6	10-1/4	51-A-6	151-A-6	7-3/4
		V-groove	700		1VG52-A-6	9-1/4		1VG51-A-6	6-3/4
		Solid Rubber ST	400	3ST52-A-6	13ST52-A-6	7-1/2	3ST51-A-6	13ST51-A-6	5
		Solid Rubber HT	560	3HT52-A-6	13HT52-A-6	7-1/2	3HT51-A-6	13HT51-A-6	5
		Bondcelon	700		1452-A-6	6-3/4		1451-A-6	4-1/4
		Vulc-on G1	340		1552-A-6	9-1/4		1551-A-6	6-3/4
		Vulc-on G2	680		1652-A-6	9-1/4		1651-A-6	6-3/4
		Vulc-on G3	340		1752-A-6	9-1/4		1751-A-6	6-3/4
		Bonduthane	700		1852-A-6	9-3/4		1851-A-6	7-1/4
Bondrelene	*650	952-A-6	1952-A-6	5-1/2	951-A-6	1951-A-6	3		

* With plain bearing reduce capacity by 100 pounds.

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Special Duty Stem Caster – includes installation clip

Diameter	Face	Type	Load Cap.	Plain Bearing	Swivel Radius	Approx Weight	Caster/Dolly
2	1-11/16	Heavy duty plastic	300	952-J-2W	1-7/8	3/4	Model 2127 Aluminum dolly

Series 60-A / 61-A
Light to Medium Duty Service

The Series 60-A casters are ideal for light duty portable handling applications. They are particularly suited for use on hospital, institutional, food handling, factory and laboratory service equipment. This series is available with soft or ahrd tread rubber wheels or semi-steel wheels. The solid rubber wheels are available with self-lubricating bushings.



Features

Construction: Heavy gauge steel deep formed for maximum strength.

Swivel bearing: Escalator ball races assure easy swiveling. The raceway is coined and work hardened for maximum wear.

Fork: Legs and fork are one piece pressed steel construction.

Axle: Bolt and nut axle construction. A key under the head of the axle fits securely into a hole in the leg of the fork to prevent the axle from turning.

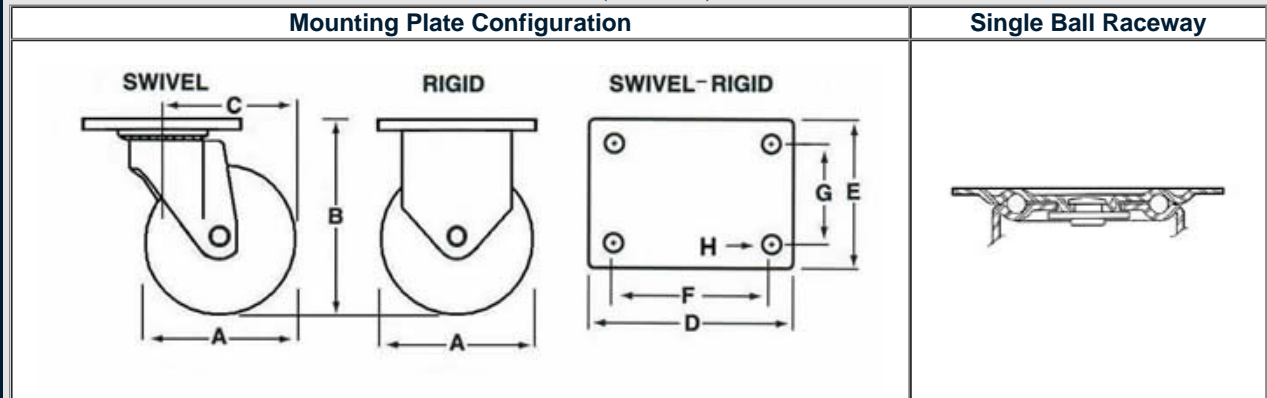
Wheel bearing: Plain bearing wheels are sized to rotate directly on the axle.

Lubrication: Swivel is lubricated at the factory.

Finish: Zinc plated finish for all parts except the wheel.

Rigid Caster: Two-piece construction with fork secured to the top plate; equal the strength and durability of the companion swivel caster.

TOP PLATE AND MOUNTING SPECIFICATION (in inches):



Series 60-A / 61-A			Series 60-A, Swivel					Series 61-A, Rigid				
Wheel Dia.	Overall Height	Swivel Radius	Top Plate Size		Bolt Hole Spacing		Mtg. Bolt	Top Plate Size		Bolt Hole Spacing		Mtg. Bolt
A	B	C	D	E	F	G	H	D	E	F	G	H
2-1/2	3-3/8	2-11/16	3-3/4	2-3/4	3	1-3/4	5/16	3-3/4	2-3/4	3	1-3/4	5/16
3	3-5/8	3-1/16										
4	4-3/4	3-17/32										
5	5-3/4	4-5/32										

Series 60-A / 61-A

WHEEL SPECIFICATIONS				SWIVEL CASTERS		RIGID CASTERS	
Dia.	Face	Type	Load Cap.	Plain Bearing	Approx. Wgt.	Plain Bearing	Approx. Wgt.
3	13/16	Semi-steel	100	60-A-3	1-1/2	61-A-3	1-1/2
		Solid Rubber ST	75	3ST60-A-3	1-1/4	3ST61-A-3	1-1/4

		Solid Rubber HT	100	3HT60-A-3	1-1/4	3HT61-A-3	1-1/4
		Semi-steel	125	60-A-4	2-1/2	61-A-4	2-1/2
4	1	Solid Rubber ST	100	3ST60-A-4	1-1/2	3ST61-A-4	1-1/2
		Solid Rubber HT	125	3HT60-A-4	1-1/2	3HT61-A-4	1-1/2
		Semi-steel	200	60-A-5	3-1/2	61-A-5	3-1/2
5	1	Solid Rubber ST	100	3ST60-A-5	2	3ST61-A-5	2
		Solid Rubber HT	125	3HT60-A-5	2	3HT61-A-5	2

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When you have made a selection or would like support please contact us:

Telephone: 800-233-2663 or email: sales@bondcaster.com

Series 62-A / 63-A

Light to Medium Duty Service

The Series 62-A casters are ideal for light duty portable handling applications. They are particularly suited for use on hospital, institutional, food handling, factory and laboratory service equipment. This series is available with soft or hard tread rubber wheels or semi-steel wheels. The solid rubber wheels are available with self-lubricating bushings.



Features

Construction: Heavy gauge steel deep formed for maximum strength.

Swivel bearing: Escalator ball races assure easy swiveling. The raceway is coined and work hardened for maximum wear.

Fork: Legs and fork are one piece pressed steel construction.

Axle: Bolt and nut axle construction. A key under the head of the axle fits securely into a hole in the leg of the fork to prevent the axle from turning.

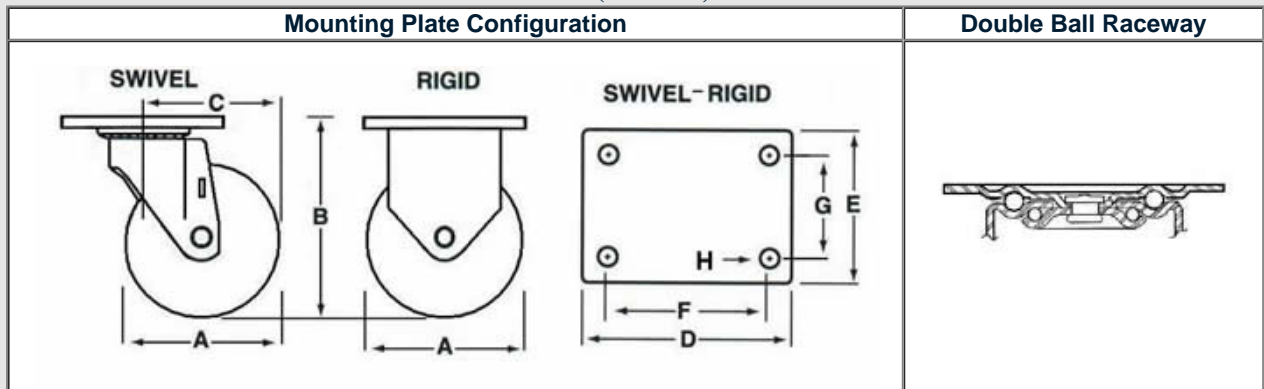
Wheel bearing: Plain bearing wheels are sized to rotate directly on the axle.

Lubrication: Swivel is lubricated at the factory.

Finish: Zinc plated finish for all parts except the wheel.

Rigid Caster: Two-piece construction with fork secured to the top plate; equal the strength and durability of the companion swivel caster.

TOP PLATE AND MOUNTING SPECIFICATION (in inches):



Series 62-A / 63-A			Series 62-A, Swivel					Series 63-A, Rigid				
Wheel Dia.	Overall Height	Swivel Radius	Top Plate Size		Bolt Hole Spacing		Mtg. Bolt	Top Plate Size		Bolt Hole Spacing		Mtg. Bolt
A	B	C	D	E	F	G	H	D	E	F	G	H
2-1/2	3-3/8	2-11/16	3-3/4	2-3/4	3	1-3/4	5/16	3-3/4	2-3/4	3	1-3/4	5/16
3	3-5/8	3-1/16										
4	4-3/4	3-17/32										
5	5-3/4	4-5/32										

Series 62-A / 63-A

WHEEL SPECIFICATIONS				SWIVEL CASTERS		RIGID CASTERS	
Dia.	Face	Type	Load Cap.	Plain Bearing	Approx. Wgt.	Plain Bearing	Approx. Wgt.
2-1/2	1-1/8	Solid Rubber ST	100	3ST62-A-25	1	3ST63-A-25	1
		Solid Rubber HT	125	3HT62-A-25	1	3HT63-A-25	1
3	1-1/4	Semi-steel	200	62-A-3	1-1/2	63-A-3	1-1/2
		Solid Rubber ST	125	3ST62-A-3	1-1/4	3ST63-A-3	1-1/4
		Solid Rubber HT	200	3HT62-A-3	1-1/4	3HT63-A-3	1-1/4
4	1-1/4	Solid Rubber ST	125	3ST62-A-4	1-3/4	3ST63-A-4	1-3/4
		Solid Rubber HT	200	3HT62-A-4	1-3/4	3HT63-A-4	1-3/4
5	1-1/4	Solid Rubber ST	125	3ST62-A-5	2	3ST63-A-5	2
		Solid Rubber HT	200	3HT62-A-5	2	3HT63-A-5	2

