

50^{-A} SWIVEL

51^{-A} RIGID

SERIES

LIGHT, LIGHT MEDIUM DUTY CASTERS

Maximum capacity
to 650 pounds per caster

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 a deep formed race 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 cup are one-piece pressed steel construction.

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

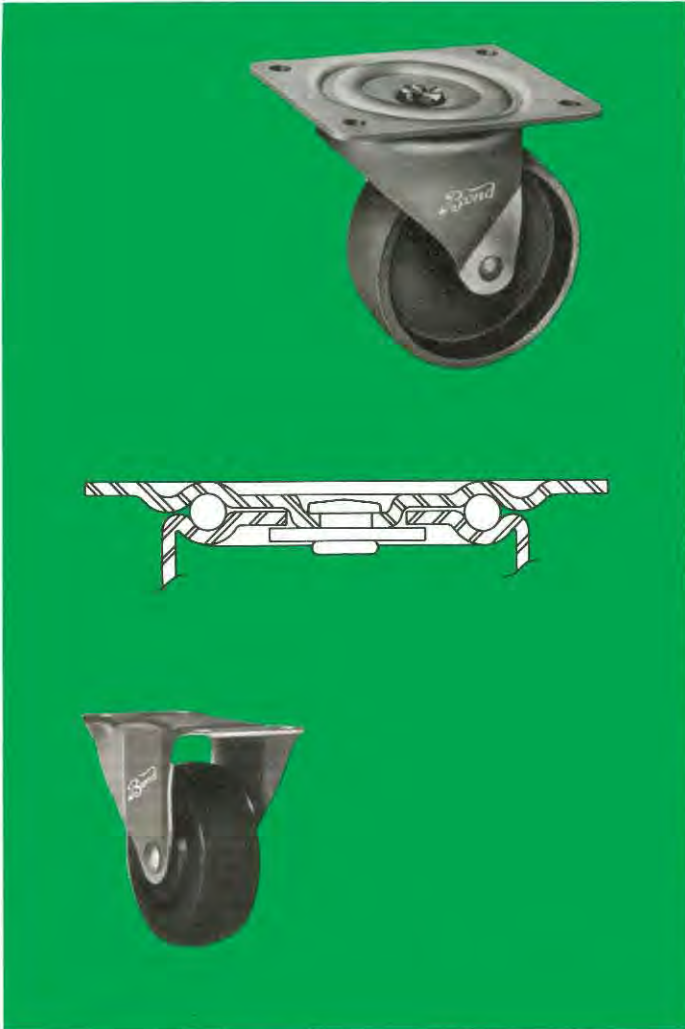
Axle: A square neck under the head of the axle fits in a square hole in the leg of the fork which prevents the axle from turning. In addition, a steel sleeve fits over the axle (except in the 2" size) and is held rigidly between the fork members, thereby greatly strengthening the caster, preventing wear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

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

Finish: Plated finish for all parts except wheel.

RIGID CASTER: One-Piece heavy gauge steel construction, deeply formed and embossed to equal the strength and durability of the companion swivel caster.



OPTIONAL FEATURES

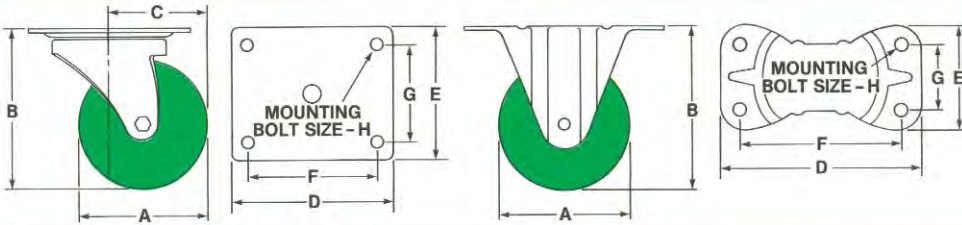
Thread guards, add suffix—TG
Grease seals for wheels, add suffix—GS

TOP PLATE SIZES AND MOUNTING SPECIFICATIONS (INCHES)

Wheel Dia.	SERIES 50-A SWIVEL			SERIES 51-A RIGID		
	Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size	Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
	D x E	F x G	H	D x E	F x G	H
2	2 ⁵ / ₈ x 1 ⁷ / ₈	2 ¹ / ₈ x 3 ¹ / ₃₂	1/4	2 ³ / ₄ x 1 ¹¹ / ₁₆	2 ¹ / ₈ x 1 ¹ / ₁₆	3/16
2 ¹ / ₂	3 ³ / ₄ x 2 ³ / ₄	3 x 1 ³ / ₄	5/16	4 ¹ / ₂ x 2 ¹ / ₄	3 ¹⁵ / ₃₂ x 1 ¹ / ₁₆	5/16
3	4 ¹ / ₄ x 3 ¹ / ₂	3 ⁷ / ₁₆ x 2 ³ / ₈	5/16	5 x 2 ¹ / ₂	4 x 1 ³ / ₁₆	5/16
4	5 x 4 ¹ / ₈	4 x 3	3/8	6 ³ / ₁₆ x 3 ³ / ₁₆	5 x 2	3/8
5	6 ¹ / ₂ x 5 ¹ / ₂	5 ¹ / ₄ x 3 ³ / ₈	7/16	6 ³ / ₁₆ x 3 ³ / ₄	5 x 2 ¹ / ₂	3/8
6						

SPECIFICATIONS

SERIES 50-A/51-A



WHEEL SPECIFICATIONS			CASTER SPECIFICATIONS								
Diameter "A" Inches	Face Inches	Type	Caster Load Cap. † lbs.	SWIVEL CASTERS		Swivel Radius "C" Inches	Approx. Weight lbs.	MATCHING RIGID CASTERS		Overall Height "B" Inches	
				Plain Bearing	Straight Roller Bearing			Plain Bearing	Straight Roller Bearing		
2	3/4	Semi-Steel	125	50-A-2		1 5/8	3/4	51-A-2	1/2	2 1/2	
	1 3/16	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		
	3/4	Bondrelene	100	950-A-2			1/2	951-A-2	3/8		
2 1/2	1	Semi-Steel	200	50-A-25	150-A-25	2 1/16	1 1/2	51-A-25	151-A-25	1 7/8	3 1/4
		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	
	1 1/8	Bondrelene	175	950-A-25			3/4	951-A-25		5/8	
3	1 1/4	Semi-Steel	300	50-A-3	150-A-3	2 7/16	2 3/4	51-A-3	151-A-3	2 1/4	3 3/4
		Solid Rubber ST	125	3ST50-A-3	13ST50-A-3		1 5/8	3ST51-A-3	13ST51-A-3	1 1/8	
		Solid Rubber HT	210	3HT50-A-3	13HT50-A-3		1 5/8	3HT51-A-3	13HT51-A-3	1 1/8	
	1 1/2	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	3 1/16	5	51-A-4	151-A-4	4	5
		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	
5	2	Semi-Steel	500	50-A-5	150-A-5	4 1/8	8 3/4	51-A-5	151-A-5	6 1/2	6 1/4
	1 3/4	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	
2	Bondrelene	*450	950-A-5	1950-A-5	5	951-A-5	1951-A-5	2 3/4			
6	2	Semi-Steel	650	50-A-6	150-A-6	4 3/4	10	51-A-6	151-A-6	7 3/4	7 1/4
		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	
2	Bondrelene	*650	950-A-6	1950-A-6	5 1/4	951-A-6	1951-A-6	3			

†Load rating is for manual operation.
*With plain bearing wheels reduce capacity by 100 lbs.