

40^{-A} SWIVEL SERIES 41^{-A} RIGID

MEDIUM HEAVY DUTY CASTERS

Maximum capacity
to 1500 pounds per caster

SWIVEL DESIGN

This Bond exclusive swivel design provides maximum protection for the king bolt. Upper and lower raceways are locked in the proper position to absorb shock and side thrust and provide exceptionally easy swivelling action.



MATCHING RIGID CASTERS

The Series 41-A casters are the matching rigid casters to the 40-A casters. Legs are deep drawn and welded to the top plate for maximum strength.

This caster, with its capacity range and large wheel selection will find applications in factory, commercial and institutional requirements. Design and construction features assure long service life.

FEATURES

Construction: Heavy gauge steel is cold-forged to provide strong, rigid top plate and cup assembly.

Swivel Bearing: Hardened and polished steel balls in coined and hardened upper and lower raceways assure easy swivel action and long service life.

Fork: Deep formed legs for strength, welded to cup.

King Bolt: Heavy duty steel bolt with threaded lock nut.

Axle: Threaded axle bolt locks in place. A hardened and ground sleeve fits over the axle and is held rigid between the legs for exceptional rigidity and strength.

Wheels: A full selection of wheels—up to 2½" tread width.

Lubrication: Pressure fittings for swivel and wheel bearings. Solid rubber, Bondcelon and Bondrelene wheels are lubricated through a hollow axle with pressure fitting. All other wheels lubricate through hub.

Finish: Durable corrosion resistant finish.

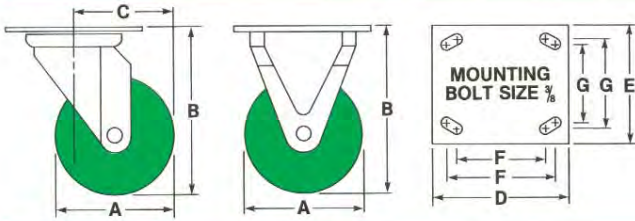
SPECIFICATIONS SERIES 40-A/41-A

WHEEL SPECIFICATIONS			CASTER SPECIFICATIONS								
Diameter "A" Inches	Face Inches	Type	SWIVEL CASTERS					MATCHING RIGID CASTERS			
			Caster Load Cap.† lbs.	CASTER NUMBER		Swivel Radius "C" Inches	Approx. Weight lbs.	CASTER NUMBER		Approx. Weight lbs.	Overall Height "B" Inches
				Plain Bearing	Straight Roller Bearing			Plain Bearing	Straight Roller Bearing		
4	1½	Semi-Steel	550	40-A-4	140-A-4	3 ¹³ / ₁₆	6	41-A-4	141-A-4	5¼	5 ⁵ / ₈
		V-Groove	550		1VG40-A-4		6¼		1VG41-A-4	5¼	
	1 ⁹ / ₁₆	Solid Rubber ST	225		13ST40-A-4		4		13ST41-A-4	3¾	
		Solid Rubber HT	400		13HT40-A-4		4		13HT41-A-4	3¾	
	1½	Bondcelon	550		1440-A-4		4		1441-A-4	3¾	
		Vulc-On G1	200		1540-A-4		5 ³ / ₈		1541-A-4	4 ⁷ / ₈	
		Vulc-On G2	400		1640-A-4		5 ³ / ₈		1641-A-4	4 ⁷ / ₈	
		Vulc-On G3	200		1740-A-4		5 ³ / ₈		1741-A-4	4 ⁷ / ₈	
		Bonduthane	550		1840-A-4		5½		1841-A-4	4¾	
		Bondrelene	450	940-A-4	1940-A-4		3¼	941-A-4	1941-A-4	2¾	
5	1½	Semi-Steel	650	40-A-5	140-A-5	4 ⁹ / ₁₆	7½	41-A-5	141-A-5	5½	6½
	1¾	V-Groove	650		1VG40-A-5		8 ³ / ₈		1VG41-A-5	7½	
	1 ⁷ / ₈	Solid Rubber ST	250	3ST40-A-5	13ST40-A-5		5 ¹ / ₈	3ST41-A-5	13ST41-A-5	4¼	
		Solid Rubber HT	425	3HT40-A-5	13HT40-A-5		5 ¹ / ₈	3HT41-A-5	13HT41-A-5	4¼	
	1½	Bondcelon	600		1440-A-5		4 ⁹ / ₁₆		1441-A-5	3¾	
		Vulc-On G1	320		1540-A-5		7 ¹ / ₈		1541-A-5	6¼	
		Vulc-On G2	640		1640-A-5		7 ¹ / ₈		1641-A-5	6¼	
	1 ⁷ / ₈	Vulc-On G3	320		1740-A-5		7 ¹ / ₈		1741-A-5	6¼	
		Bonduthane	650		1840-A-5		6 ³ / ₈		1841-A-5	5¾	
		Bondrelene	500	940-A-5	1940-A-5		3 ³ / ₈	941-A-5	1941-A-5	3¼	

† Load-rating is for manual operation.

SPECIFICATIONS

SERIES 40-A/41-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		Approx. Weight lbs.	Overall Height "B" Inches
				Plain Bearing	Straight Roller Bearing			Plain Bearing	Straight Roller Bearing		
6	2	Semi-Steel	1200	40-A-6	140-A-6	5 5/16	12 3/4	41-A-6	141-A-6	9 1/2	8
		V-Groove	1000		1VG40-A-6		11 1/4		1VG41-A-6	9 1/2	
		Solid Rubber ST	400	3ST40-A-6	13ST40-A-6		10	3ST41-A-6	13ST41-A-6	7 3/4	
		Solid Rubber HT	560	3HT40-A-6	13HT40-A-6		10	3HT41-A-6	13HT41-A-6	7 3/4	
		Bondcelon	1200		1440-A-6		9 1/4		1441-A-6	7	
		Vulc-On G1	410		1540-A-6		11 3/4		1541-A-6	10 1/2	
		Vulc-On G2	820		1640-A-6		11 3/4		1641-A-6	10 1/2	
		Vulc-On G3	410		1740-A-6		11 3/4		1741-A-6	10 1/2	
		Bonduthane	1200		1840-A-6		13 1/4		1841-A-6	10	
			650	940-A-6	1940-A-6	7 3/4	941-A-6	1941-A-6	5 3/4		
8	2	Semi-Steel	1200	40-A-8	140-A-8	7 1/16	17 1/2	41-A-8	141-A-8	15	10
		Bondcelon	1200		1440-A-8		11 1/2		1441-A-8	9	
		Vulc-On G1	500		1540-A-8		15 3/4		1541-A-8	13 3/4	
		Vulc-On G2	1000		1640-A-8		15 3/4		1641-A-8	13 3/4	
		Vulc-On G3	500		1740-A-8		15 3/4		1741-A-8	13 3/4	
		Bonduthane	1200		1840-A-8		16 1/2		1841-A-8	14	
10	2	Semi-Steel	1000		140-A-10	8 5/16	20		141-A-10	16 5/8	11 1/2
		Vulc-On G1	730		1540-A-10		21 1/4		1541-A-10	17 7/8	
		Vulc-On G2	1000		1640-A-10		21 1/4		1641-A-10	17 7/8	
		Vulc-On G3	730		1740-A-10		21 1/4		1741-A-10	17 7/8	

40-AW/41-AW—With 2 1/2 inch tread width

6	2 1/2	Semi-Steel	1500		140-A-6W	5 11/16	15		141-A-6W	14	8
		V-Groove	1500		1VG40-A-6W		18		1VG41-A-6W	17	
		Bondcelon	1500		1440-A-6W		10		1441-A-6W	9	
		Vulc-On G1	540		1540-A-6W		12 1/2		1541-A-6W	11 1/2	
		Vulc-On G2	1080		1640-A-6W		12 1/2		1641-A-6W	11 1/2	
		Vulc-On G3	540		1740-A-6W		12 1/2		1741-A-6W	11 1/2	
		Bonduthane	1500		1840-A-6W		12 1/2		1841-A-6W	11 1/2	
8	2 1/2	Semi-Steel	1500		140-A-8W	7 1/8	23		141-A-8W	21	10
		V-Groove	1500		1VG40-A-8W		27		1VG41-A-8W	25	
		Bondcelon	1500		1440-A-8W		13		1441-A-8W	10 3/4	
		Vulc-On G1	670		1540-A-8W		18 1/2		1541-A-8W	16 3/4	
		Vulc-On G2	1340		1640-A-8W		18 1/2		1641-A-8W	16 3/4	
		Vulc-On G3	670		1740-A-8W		18 1/2		1741-A-8W	16 3/4	
Bonduthane	1500		1840-A-8W	16 3/4		1841-A-8W	14 3/4				
10	2 1/2	Semi-Steel	1000		140-A-10W	8 5/8	28 3/4		141-A-10W	19 1/2	11 1/2
		Bondcelon	1000		1440-A-10W		16 1/4		1441-A-10W	15	
		Vulc-On G1	790		1540-A-10W		26		1541-A-10W	24 3/4	
		Vulc-On G2	1000		1640-A-10W		26		1641-A-10W	24 3/4	
		Vulc-On G3	790		1740-A-10W		26		1741-A-10W	24 3/4	
		Bonduthane	1000		1840-A-10W		25 1/4		1841-A-10W	24	

† Load rating is for manual operation.

TOP PLATE SIZES AND MOUNTING SPECIFICATIONS

Caster Size	Top Plate Size D x E	Bolt Helt Spacing (Slotted) F x G	Attachment Bolt Size
4", 5"	4 3/8 x 4	3 5/8 x 2 5/8 to 3 x 3	3/8
6", 8", 10" and 6", 8", 10"W	6 1/4 x 5	5 1/4 x 3 3/8 to 4 1/2 x 4 1/8	3/8

OPTIONAL FEATURES

- Grease seals for ball race swivel and wheel, add suffix—GS
- Thread guards, add suffix—TG

OPTIONAL TOP PLATES FOR 4 & 5" CASTERS

SIZE: 6 1/4 x 5, BOLT HOLE 5 1/4 x 3 3/8 to 4 1/2 x 4 1/8
6 1/2 x 4 1/2 SPACING 5 1/4 x 3 3/8 to 4 1 5/16 x 2 7/16