

# B13 Series



## Swivel & Rigid Top Plate

Capacity to 1,400 pounds each

### FEATURES

- ✓ **Design:** kingpinless style swivel raceway.
- ✓ **Swivel Construction:** 5/16" thick 1045 steel top plate; one row of 3/8" ball bearings mounted in a heat treated precision machined raceway.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Axle:** 1/2" diameter with lock nut.
- ✓ **Fork Legs:** 1/4" x 2" 1045 steel welded inside and out.
- ✓ **Zerk Grease Fitting:** swivel raceway and wheels with roller bearings.

### CASTER OPTIONS

- ✓  **Face Contact Brake:** to order, add suffix "FCB".
- ✓  **Swivel Lock / Bolt-On:** field installable 4-position swivel lock—to order, add suffix "SL".
- ✓ **Special Load Height:** optional 10-1/8" on 8" diameter models.
- ✓ **Shock Absorbing:** corrosion resistant polyurethane spring protects cargo from shocks and vibrations.

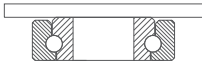


B613UAP.80A

### MOUNTING PLATE

Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
<b>Standard Plate</b>		
4" x 4-1/2"	2-5/8" x 3-5/8" to 3" x 3"	3/8"
<b>Optional Plate</b> consult factory.		
4-1/2" x 6-1/4"	2-7/16" x 4-15/16" to 3-3/8" x 5-1/4"	3/8"

### CROSS SECTION



### WHEEL OPTIONS



Cast Iron



Ductile Iron



Phenolic



Polyurethane



Triton



Solid Elastomer 73D



Magnum Orange 73D(±5)



Magnum Grey 60D(±5)



Magnum Blue 95A(±5)



Magnum Red 80A(±5)



Magnum Black 70A(±5)



## B13 Swivel and J23 Rigid Casters

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Caster Model Number	Rigid Caster Model Number	Load Height (Inches)	Swivel Offset (Inches)
4	2	CAST IRON	ROLLER	700	B413CIB	J423CIB	5-5/8	1-3/16
		MAGNUM ORANGE 73D	PREC. BALL	900	B413UAP.73D	J423UAP.73D		
		MAGNUM GRAY 60D	PREC. BALL	800	B413UAP.60D	J423UAP.60D		
		MAGNUM BLUE 95A	PREC. BALL	700	B413UAP.95A	J423UAP.95A		
		MAGNUM RED 80A	PREC. BALL	500	B413UAP.80A	J423UAP.80A		
		MAGNUM BLACK 70A	PREC. BALL	400	B413UAP.70A	J413UAP.70A		
		PHENOLIC	ROLLER	800	B413ACB	J423ACB		
		POLYURETHANE ON CAST IRON	ROLLER	700	B413MPB	J423MPB		
SOLID ELASTOMER 73D	PREC. BALL	1000	B413MEPB	J423MEPB				
5	2	CAST IRON	ROLLER	900	B513CIB	J523CIB	6-1/2	1-3/8
		DUCTILE IRON	ROLLER	1400	B513DFB	J523DFB		
		PHENOLIC	ROLLER	1000	B513ACB	J523ACB		
		POLYURETHANE ON CAST IRON	ROLLER	1000	B513MPB	J523MPB		
SOLID ELASTOMER 73D	PREC. BALL	1000	B513MEPB	J523MEPB				
6	2	CAST IRON	ROLLER	1000	B613CIB	J623CIB	7-1/2	1-9/16
		DUCTILE IRON	ROLLER	1400	B613DFB	J623DFB		
		MAGNUM ORANGE 73D	PREC. BALL	1000	B613UAP.73D	J623UAP.73D		
		MAGNUM GRAY 60D	PREC. BALL	1000	B613UAP.60D	J623UAP.60D		
		MAGNUM BLUE 95A	PREC. BALL	750	B613UAP.95A	J623UAP.95A		
		MAGNUM RED 80A	PREC. BALL	500	B613UAP.80A	J623UAP.80A		
		MAGNUM BLACK 70A	PREC. BALL	410	B613UAP.70A	J623UAP.70A		
		PHENOLIC	ROLLER	1200	B613ACB	J623ACB		
		POLYURETHANE ON CAST IRON	ROLLER	1200	B613MPB	J623MPB		
		SOLID ELASTOMER 73D	PREC. BALL	1000	B613MEPB	J623MEPB		
TRITON	ROLLER	1250	B613TRB	J623TRB				
8	2	CAST IRON	ROLLER	1000	B813CIB	J823CIB	9-1/2 *	2-1/4
		DUCTILE IRON	ROLLER	1400	B813DFB	J823DFB		
		MAGNUM ORANGE 73D	PREC. BALL	1200	B813UAP.73D	J823UAP.73D		
		MAGNUM GRAY 60D	PREC. BALL	1000	B813UAP.60D	J823UAP.60D		
		MAGNUM BLUE 95A	PREC. BALL	900	B813UAP.95A	J823UAP.95A		
		MAGNUM RED 80A	PREC. BALL	800	B813UAP.80A	J823UAP.80A		
		MAGNUM BLACK 70A	PREC. BALL	500	B813UAP.70A	J823UAP.70A		
		PHENOLIC	ROLLER	1400	B813ACB	J823ACB		
		POLYURETHANE ON CAST IRON	ROLLER	1200	B813MPB	J823MPB		
		SOLID ELASTOMER 73D	PREC. BALL	1000	B813MEPB	J823MEPB		

\* For optional 10-1/8" overall height, add suffix -10-1/8 to model number.



## BSA13 Shock Absorbing Swivel and JSA23 Shock Absorbing Rigid Casters

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Caster Model Number	Rigid Caster Model Number	Load Height (Inches)	Swivel Offset (Inches)
6	2	CAST IRON	ROLLER	1000	BSA613CIB	JSA623CIB	8	3-1/8
		DUCTILE IRON	ROLLER	1400	BSA613DFB	JSA623DFB		
		MAGNUM ORANGE 73D	PREC. BALL	1000	BSA613UAP.73D	JSA623UAP.73D		
		MAGNUM GRAY 60D	PREC. BALL	1000	BSA613UAP.60D	JSA623UAP.60D		
		MAGNUM BLUE 95A	PREC. BALL	750	BSA613UAP.95A	JSA623UAP.95A		
		MAGNUM RED 80A	PREC. BALL	500	BSA613UAP.80A	JSA623UAP.80A		
		MAGNUM BLACK 70A	PREC. BALL	410	BSA613UAP.70A	JSA623UAP.70A		
		PHENOLIC	ROLLER	1200	BSA613ACB	JSA623ACB		
		POLYURETHANE ON CAST IRON	ROLLER	1200	BSA613MPB	JSA623MPB		
		SOLID ELASTOMER 73D	PREC. BALL	1000	BSA613MEPB	JSA623MEPB		
TRITON	ROLLER	1250	BSA613TRB	JSA623TRB				
8	2	CAST IRON	ROLLER	1000	BSA813CIB	JSA823CIB	10-1/8	3-1/4
		DUCTILE IRON	ROLLER	1400	BSA813DFB	JSA823DFB		
		MAGNUM ORANGE 73D	PREC. BALL	1200	BSA813UAP.73D	JSA823UAP.73D		
		MAGNUM GRAY 60D	PREC. BALL	1000	BSA813UAP.60D	JSA823UAP.60D		
		MAGNUM BLUE 95A	PREC. BALL	900	BSA813UAP.95A	JSA823UAP.95A		
		MAGNUM RED 80A	PREC. BALL	800	BSA813UAP.80A	JSA823UAP.80A		
		MAGNUM BLACK 70A	PREC. BALL	500	BSA813UAP.70A	JSA823UAP.70A		
		PHENOLIC	ROLLER	1400	BSA813ACB	JSA823ACB		
		POLYURETHANE ON CAST IRON	ROLLER	1200	BSA813MPB	JSA823MPB		
		SOLID ELASTOMER 73D	PREC. BALL	1000	BSA813MEPB	JSA823MEPB		

# Magnum™ Wheels

Capacity up to 1,200 lbs. each



## Orange 73D (±5) Durometer

Wheel Dia. (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Approx. Weight (Pounds)
4	2	Prec. Ball	900	UAP.04/20.1/2 73D	1/2	2-7/16	1-1/4
6	2	Prec. Ball	1,000	UAP.06/20.1/2 73D	1/2	2-7/16	3
8	2	Prec. Ball	1,200	UAP.08/20.1/2 73D	1/2	2-7/16	5-1/4

## FEATURES

Jarvis Caster's new Magnum polyurethane wheels are designed to meet today's most stringent ergonomic needs. These premium polyurethane wheels are standard with crowned treads, sealed precision ball bearings and top hat reducing bushings for optimum rollability. Magnum wheels will perform well in both manual and power-towed material handling applications. They are available in five different tread durometers (hardness) and color coded for easy identification.

The polyurethane treads are both mechanically and chemically bonded to die-cast aluminum wheel centers (chemically for 4" diameter models). This dual bonding process prevents tread separation, which is the most common reason for polyurethane tread failure. Jarvis Caster's Magnum polyurethane wheels will provide longer life, higher capacity, superior rollability and are more energy efficient than conventional rubber-tired wheels.

Magnum Polyurethane Wheels Feature:

- Superior rollability
- Excellent floor protection
- Resistance to most chemicals and oils
- Non-marking
- Temperature range: -40° to +180°F
- Color coded hardness system



## Grey 60D (±5) Durometer

Wheel Dia. (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Approx. Weight (Pounds)
4	2	Prec. Ball	800	UAP.04/20.1/2 60D	1/2	2-7/16	1-1/4
6	2	Prec. Ball	1,000	UAP.06/20.1/2 60D	1/2	2-7/16	3
8	2	Prec. Ball	1,000	UAP.08/20.1/2 60D	1/2	2-7/16	5-1/4



## Blue 95A (±5) Durometer

Wheel Dia. (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Approx. Weight (Pounds)
4	2	Prec. Ball	700	UAP.04/20.1/2 95A	1/2	2-7/16	1-1/4
6	2	Prec. Ball	750	UAP.06/20.1/2 95A	1/2	2-7/16	3
8	2	Prec. Ball	900	UAP.08/20.1/2 95A	1/2	2-7/16	5-1/4



## Red 80A (±5) Durometer

Wheel Dia. (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Approx. Weight (Pounds)
4	2	Prec. Ball	500	UAP.04/20.1/2 80A	1/2	2-7/16	1-1/4
6	2	Prec. Ball	500	UAP.06/20.1/2 80A	1/2	2-7/16	3
8	2	Prec. Ball	800	UAP.08/20.1/2 80A	1/2	2-7/16	5-1/4



## Black 70A (±5) Durometer

Wheel Dia. (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Approx. Weight (Pounds)
4	2	Prec. Ball	400	UAP.04/20.1/2 70A	1/2	2-7/16	1-1/4
6	2	Prec. Ball	410	UAP.06/20.1/2 70A	1/2	2-7/16	3
8	2	Prec. Ball	500	UAP.08/20.1/2 70A	1/2	2-7/16	5-1/4