

7-90K CONSTRUCTION FEATURES

Load Capacity Up to 5500 lbs.

- Top Plate: 3/8" thick AISI 1045 steel one-piece forging precision machined and through-hardened for long life
- Swivel Section: 1/2" ball bearings mounted in a 3" precision machined raceway
- Legs: 3/8" thick steel welded to yoke base using 100,000 psi weld filler, welded inside and out for added strength
- Axle: 3/4" diameter
- **Alternate or custom caster configurations available**

This Series is available in Duel Wheel (DW).



SWIVEL RIG OPTIONS

SW	Sealed Swivel
SLW	Swivel Lock Welded
SLFI	Swivel Lock - Field Installable
SLD	Swivel Lock - Detachable

BRAKE OPTIONS

CBB	Cam Brake
FCB	Face Contact Brake
PCB	Poly Cam Brake
WB	Wrap Around Brake
SSB	Single Side Brake
DSB	Double Side Brake

SWIVEL CROSS SECTION



MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
90K (Swivel)	5 1/4" x 7 1/4"	4 1/8" x 6 1/8" slotted to 3 3/8" x 5 1/4"	1/2"
90K (Rigid)	5" x 7 1/4"	4 1/8" x 6 1/8" slotted to 3 3/8" x 5 1/4"	1/2"
K (Swivel)	4 1/2" x 6 1/4"	3 3/8" x 5 1/4" slotted to 2 7/16" x 4 15/16"	1/2"
K (Rigid)	5" x 6 1/4"	3 3/8" x 5 1/4" slotted to 2 7/16" x 4 15/16"	1/2"
R	6 1/4" x 7 1/2"	6" x 4 1/2" slotted to 6" x 4 1/8"	1/2"
S	6" x 7"	4 5/8" x 5 5/8" slotted to 4 3/8" x 5 1/2"	1/2"



The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster. The Swivel-EAZ™ (Dual-in-One) wheels, designed originally for the automotive industry, is now a best value solution for manual or towing applications (Up to 8 mph) in many other industries. **Available in 4 Durometers: 70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)**



Nylacron™ Wheels

With Precision Ball Bearings for Any Application: (NY/MD, NY/HSB, NY/MC, NY/GF) Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

7-90K CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
FORGED STEEL (FS) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	4000	8	1-1/2	21-3/4	7-90K-FS-R-0625-S
	8	3	4500	10-1/2	2-1/4	26-1/2	7-90K-FS-R-0830-S
	10	3	5000	12-1/2	2-1/2		7-90K-FS-P-1030-S
DUCTILE IRON / ROUND TREAD (DU/RT) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	3500	8	1-1/2	20-1/4	7-90K-DU/RT-R-0625-S
	8	3	5400	10-1/2	2-1/4	26-1/2	7-90K-DU/RT-R-0830-S
	10	3	5400	12-1/2	2-1/2	27-1/2	7-90K-DU/RT-R-1030-S
CAST IRON (CA) WHEELS WITH ROLLER BEARINGS							
	4	3	2000	5-1/2	2	17-3/4	7-90K-CA-R-3212-S
	5	2-1/2	2000	6-1/2	2-1/4	19-1/2	7-90K-CA-R-0525-S
	6	2-1/2	2300	8	1-1/2	20-1/4	7-90K-CA-R-0625-S
	8	3	2800	10-1/2	2-1/4	26-1/2	7-90K-CA-R-0830-S
	10	3	2800	12-1/2	2-1/2	27-1/2	7-90K-CA-R-1030-S
CAST IRON / V-GROOVED (CA/VG) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	2500	8	1-1/2	20-1/4	7-90K-CA/VG-R-0625-S
	8	3	2500	10-1/2	2-1/4	26-1/2	7-90K-CA/VG-R-0830-S
	10	3	3500	12-1/2	2-1/2	27-1/2	7-90K-CA/VG-R-1030-S
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	5400	8	1-1/2	14	7-90K-NY/MD-P-0625-S
	6	3	5400	8	1-1/2	15	7-90K-NY/MD-P-0630-S
	8	2-1/2	5400	10-1/2	2-1/4	17	7-90K-NY/MD-P-0825-S
	8	3	5400	10-1/2	2-1/4	18	7-90K-NY/MD-P-0830-S
	10	2-1/2	5400	12-1/2	3-1/2	19	7-90K-NY/MD-P-1025-S
	10	3	5400	12-1/2	2-1/2	21	7-90K-NY/MD-P-1030-S
	12	2-1/2	5400	15-1/2	3	22	7-90K-NY/MD-P-1225-S
	12	3	5400	15-1/2	3	23	7-90K-NY/MD-P-1230-S
PHENOLIC / TEXITE (TM) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	1600	8	1-1/2	14-1/2	7-90K-TM-R-0625-S
	6	3	2000	8	1-1/2	14-3/4	7-90K-TM-R-0630-S
	8	2-1/2	2000	10-1/2	2-1/4	16-3/4	7-90K-TM-R-0825-S
	8	3	2500	10-1/2	2-1/4	17-3/4	7-90K-TM-R-0830-S
	10	3	2900	12-1/2	2-1/2	20-1/2	7-90K-TM-R-1030-S
	12	3	3500	15-1/2	3	22-1/2	7-90K-TM-R-1230-S
VULKOLLAN™ / CAST IRON CORE (VU/CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	2350	8	1-1/2	20-1/2	7-90K-VU/CA-P-0625-S
	6	3	3000	8	1-1/2	26	7-90K-VU/CA-P-0630-S
	8	2-1/2	2900	10-1/2	2-1/4	22-1/2	7-90K-VU/CA-P-0825-S
	8	3	4000	10-1/2	2-1/4	22-1/4	7-90K-VU/CA-P-0830-S
	10	3	5000	12-1/2	2-1/2	31	7-90K-VU/CA-P-1030-S
VULKOLLAN™ THICK TREAD / CAST IRON CORE (VU/TT/CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	3	3000	8	1-1/2	26	7-90K-VU/TT/CA-P-0630-S
	8	3	4000	10-1/2	2-1/4	22-1/4	7-90K-VU/TT/CA-P-0830-S
	10	3	5000	12-1/2	2-1/2	31	7-90K-VU/TT/CA-P-1030-S
POLYURETHANE THICK TREAD / CAST IRON CORE (PY/TT/CA) WHEELS WITH ROLLER BEARINGS							
	6	3	2040	8	1-1/2	26	7-90K-PY/TT/CA-P-0630-S
	8	3	2520	10-1/2	2-1/4	22-1/4	7-90K-PY/TT/CA-P-0830-S
	10	3	3000	12-1/2	2-1/2	31	7-90K-PY/TT/CA-P-1030-S
	12	3	3420	15-1/2	3	40	7-90K-PY/TT/CA-P-1230-S

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7-90K CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH ROLLER BEARINGS							
	3-1/4	3-1/4	850	5-1/8		12	7-90K-PY/CA-P-3232-S
	5	2-1/2	1290	6-1/2	2-1/4	15	7-90K-PY/CA-P-0525-S
	6	2-1/2	1620	8	1-1/2	20-1/2	7-90K-PY/CA-P-0625-S
	6	3	2000	8	1-1/2	26	7-90K-PY/CA-P-0630-S
	8	2-1/2	2000	10-1/2	2-1/4	22-1/2	7-90K-PY/CA-P-0825-S
	8	3	2500	10-1/2	2-1/4	22-1/4	7-90K-PY/CA-P-0830-S
	10	3	3000	12-1/2	2-1/2	31	7-90K-PY/CA-P-1030-S
	12	2-1/2	2200	15-1/2	3	31-1/2	7-90K-PY/CA-P-1225-S
	12	3	3500	15-1/2	3	40	7-90K-PY/CA-P-1230-S
POLYURETHANE / ALUMINUM CORE (PY/AL) WHEELS WITH ROLLER BEARINGS							
	4	3-1/4	1200	5-1/2	2	15	7-90K-PY/AL-P-0432-S
	8	2-1/2	2010	10-1/2	3	20-1/4	7-90K-PY/AL-P-0825-S
	8	3	2520	10-1/2	3	20-1/4	7-90K-PY/AL-P-0830-S
	10	2-1/2	2370	12-1/2	3-1/2	24-1/2	7-90K-PY/AL-P-1025-S
	10	3	3000	12-1/2	3-1/2	24-1/2	7-90K-PY/AL-P-1030-S
X-TREME PLUS SOLID POLYURETHANE (XP) WHEELS WITH PRECISION BEARINGS							
	8	2-1/2	2000	10-1/2	2-1/4	22-1/2	7-90K-XP-P-0825-S
	8	3	2000	10-1/2	2-1/4	22-1/4	7-90K-XP-P-0830-S
	10	2-1/2	2500	12-1/2	2-1/2	24-1/2	7-90K-XP-P-1025-S
	10	3	2500	12-1/2	2-1/2	31	7-90K-XP-P-1030-S
**SWIVEL-EAZ™ (DUAL-IN-ONE) 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS							
	6	3	1900	8	2-1/4	26	7-90K-SWE/9/FT-P-0630-S
	8	3	3000	10-1/2	2-1/4	28	7-90K-SWE/9/FT-P-0830-S
	10	3	3500	12-1/2	2-1/2	31	7-90K-SWE/9/FT-P-1030-S
**SWIVEL-EAZ™ (DUAL-IN-ONE) 80A / FLAT TREAD (SWE/8/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS							
	6	3	1400	8	2-1/4	26	7-90K-SWE/8/FT-P-0630-S
	8	3	2300	10-1/2	2-1/4	28	7-90K-SWE/8/FT-P-0830-S
	10	3	3500	12-1/2	2-1/2	31	7-90K-SWE/8/FT-P-1030-S
**SWIVEL-EAZ™ (DUAL-IN-ONE) 70A / FLAT TREAD (SWE/7/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS							
	6	3	900	8	2-1/4	26	7-90K-SWE/7/FT-P-0630-S
	8	3	1400	10-1/2	2-1/4	28	7-90K-SWE/7/FT-P-0830-S
	10	3	2200	12-1/2	2-1/2	31	7-90K-SWE/7/FT-P-1030-S
**SWIVEL-EAZ™ (DUAL-IN-ONE) 60D / FLAT TREAD (SWE/6/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS							
	6	3	2200	8	2-1/4	26	7-90K-SWE/6/FT-P-0630-S
	8	3	3500	10-1/2	2-1/4	28	7-90K-SWE/6/FT-P-0830-S
	10	3	3500	12-1/2	2-1/2	31	7-90K-SWE/6/FT-P-1030-S
MOLDON RUBBER / CAST IRON CORE (MR/CA) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	700	8	3	20-1/2	7-90K-MR/CA-P-0625-S
	6	3	750	8	3	20-3/4	7-90K-MR/CA-P-0630-S
	8	2-1/2	850	10-1/2	3	20-1/4	7-90K-MR/CA-P-0825-S
	8	3	900	10-1/2	3	22-1/4	7-90K-MR/CA-P-0830-S
	10	2-1/2	950	12-1/2	3-1/2	24-1/2	7-90K-MR/CA-P-1025-S
	10	3	1000	12-1/2	3-1/2	25-1/4	7-90K-MR/CA-P-1030-S
	12	3	1200	15-1/2	3	30-3/4	7-90K-MR/CA-P-1230-S
X-TRA SOFT RUBBER / DONUT TREAD (XSR/DT) WHEELS WITH ROLLER BEARINGS							
	10	2-1/2	950	12-1/2	3-1/2		7-90K-XSR/DT-P-1025-S

*Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing

All load ratings are for manual operation at 2 mph.

For rigid casters, change "S" to "R" (i.e. 7-90K-PB-P-0415-S becomes 7-90K-PB-P-0415-R)

All Rig Options should be added to the end of the part number. (i.e. 7-90K-PB-P-0415-SL for Swivel Lock)

**Also available in Flat Tread (70A, 80A, 95A and 60D) and Crown Tread (70A, 80A, 95A and 60D).