



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.



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)

Tread Types: CR: Crown or FT: Flat Tread

Axles Sizes: 1/2", 3/4", 1" and 1-1/4"

Series	Caster Type	Page #
6-81	Kingpin - Hot Forged	2-4
6-81HD	Kingpin - Hot Forged (w/ Total Lock)	5-6
6-81K	Kingpinless - Hot Forged	7-9
6-81KHD	Kingpinless HD - Hot Forged (w/ Adjustable Total Lock) ...	10-11
6-81KHD/DW	Kingpinless - Dual Wheel	12-13
6-81K/SA	Kingpinless - Shock Absorbing Rigs	14-15
6-81KHD/SA	Kingpinless - Shock Absorbing Rigs	14-15
6-81K/DW	Kingpinless - Dual Wheel	16-17
6-81KSS	Kingpinless - Stainless Steel	18-19
6-81KHDSS	Kingpinless - Polished Stainless Steel	20-21

VULKOLLAN® & Premium Urethanes

with Precision Ball Bearings for Any Application

**Urethane Soft (75-80A)
Cast Iron Core**



**Vulkollan™ 93A
Cast Iron Core**



**Urethane 93A
Cast Iron Core**



6-81 CONSTRUCTION FEATURES

Load Capacity Up to 2000 lbs.

- **Top Plate:** Rugged AISI 1045 Drop forged steel for maximum strength
- **Swivel Section:** Double ball bearing coined “deep-groove” load and machined component thrust raceways
- **Legs:** 3/8” steel, engineered to increase strength and welded construction
- **King Bolt:** 3/4” diameter heat treated bolt and nut for enhanced load capacity
- **Axle:** 3/4” diameter, hollow, with lock nut.
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle
- **Alternate or Custom Caster Configurations Available**



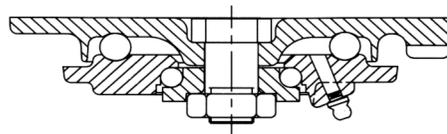
RIG OPTIONS

NSS	Neoprene Sealed Swivel Section
SLW	Swivel Lock Welded
SLHOFI	Swivel Lock - Hand Operated Field Installable

BRAKE OPTIONS

PCB	Poly Cam Brake
FCB	Face Contact Brake
FBB	Face 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
(Standard Swivel)	4 1/2" x 6 1/4"	2 7/16" x 4 15/16" slotted to 3 3/8" x 5 1/4"	1/2"
(Standard Rigid)	5" x 6 1/4"	2 7/16" x 4 15/16" slotted to 3 3/8" x 5 1/4"	1/2"
TPD	5" x 5 1/2"	4 1/8" x 4 1/4"	3/8"
TPW	4 1/2" x 7 1/4"	3 1/4" x 6"	1/2"

6-81 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 PRECISION BALL BEARINGS							
	6	2-1/2	2000	7-5/8	1-1/2	21-3/4	6-81-FS-P-0625-S
	8	3	2000	10-1/8	2-1/4	26-1/2	6-81-FS-P-0830-S
	10	3	2000	11-1/2	2-1/2		6-81-FS-P-1030-S
DUCTILE IRON / ROUND TREAD (DU/RT) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	2000	7-5/8	1-1/2	20-1/4	6-81-DU/RT-P-0625-S
	8	3	2000	10-1/8	2-1/4	26-1/2	6-81-DU/RT-P-0830-S
	10	3	2000	11-1/2	2-1/2	27-1/2	6-81-DU/RT-P-1030-S
CAST IRON (CA) WHEELS WITH ROLLER BEARINGS							
	4	3	2000	5-1/2	2	17-3/4	6-81-CA-R-3212-S
	5	2-1/2	2000	6-1/2	2-1/4	19-1/2	6-81-CA-R-0525-S
	6	2-1/2	2000	7-5/8	1-1/2	20-1/4	6-81-CA-R-0625-S
	8	3	2000	10-1/8	2-1/4	26-1/2	6-81-CA-R-0830-S
	10	3	2000	11-1/2	2-1/2	27-1/2	6-81-CA-R-1030-S
CAST IRON / V-GROOVED (CA/VG) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	2000	7-5/8	1-1/2	20-1/4	6-81-CA/VG-R-0625-S
	8	3	2000	10-1/8	2-1/4	26-1/2	6-81-CA/VG-R-0830-S
	10	3	2000	11-1/2	2-1/2	27-1/2	6-81-CA/VG-R-1030-S
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	2000	7-5/8	1-1/2	14-1/2	6-81-NY/MD-P-0625-S
	6	3	2000	7-5/8	1-1/2	15-1/2	6-81-NY/MD-P-0630-S
	8	2-1/2	2000	10-1/8	2-1/4	16-3/4	6-81-NY/MD-P-0825-S
	8	3	2000	10-1/8	2-1/4	17-3/4	6-81-NY/MD-P-0830-S
	10	2-1/2	2000	11-1/2	2-1/2	20-1/2	6-81-NY/MD-P-1025-S
	10	3	2000	11-1/2	2-1/2	22-1/2	6-81-NY/MD-P-1030-S
	12	2-1/2	2000	13-1/2	3	22-1/2	6-81-NY/MD-P-1225-S
	12	3	2000	13-1/2	3	24-1/2	6-81-NY/MD-P-1230-S
PHENOLIC / TEXITE (TM) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	1600	7-5/8	1-1/2	14-1/2	6-81-TM-R-0625-S
	6	3	2000	7-5/8	1-1/2	14-3/4	6-81-TM-R-0630-S
	8	2-1/2	2000	10-1/8	2-1/4	16-3/4	6-81-TM-R-0825-S
	8	3	2000	10-1/8	2-1/4	17-3/4	6-81-TM-R-0830-S
	10	3	2000	11-1/2	2-1/2	20-1/2	6-81-TM-R-1030-S
	12	3	2000	13-1/2	3	22-1/2	6-81-TM-R-1230-S
VULKOLLAN™ / CAST IRON CORE (VU/CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	1950	7-5/8	1-1/2	20-1/2	6-81-VU/CA-P-0625-S
	6	3	2000	7-5/8	1-1/2	26	6-81-VU/CA-P-0630-S
	8	2-1/2	2000	10-1/8	2-1/4	22-1/2	6-81-VU/CA-P-0825-S
	8	3	2000	10-1/8	2-1/4	22-1/4	6-81-VU/CA-P-0830-S
	10	3	2000	11-1/2	2-1/2	31	6-81-VU/CA-P-1030-S
VULKOLLAN™ THICK TREAD / CAST IRON CORE (VU/TT/CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	3	2000	7-5/8	1-1/2	26	6-81-VU/TT/CA-P-0630-S
	8	3	2000	10-1/8	2-1/4	22-1/4	6-81-VU/TT/CA-P-0830-S
	10	3	2000	11-1/2	2-1/2	31	6-81-VU/TT/CA-P-1030-S
POLYURETHANE THICK TREAD / CAST IRON CORE (PY/TT//CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	3	2000	7-5/8	1-1/2	26	6-81-PY/TT/CA-P-0630-S
	8	3	2000	10-1/8	2-1/4	22-1/4	6-81-PY/TT/CA-P-0830-S
	10	3	2000	11-1/2	2-1/2	31	6-81-PY/TT/CA-P-1030-S
	12	3	2000	13-1/2	3	40	6-81-PY/TT/CA-P-1230-S

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6-81 CASTER SPECIFICATIONS (CONTINUED)

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 PRECISION BALL BEARINGS							
	3-1/4	3-1/4	850	5-1/8	2	12	6-81-PY/CA-P-3232-S
	5	2-1/2	1290	6-1/2	2-1/4	15	6-81-PY/CA-P-0525-S
	6	2-1/2	1620	7-5/8	1-1/2	20-1/2	6-81-PY/CA-P-0625-S
	6	3	2000	7-5/8	1-1/2	26	6-81-PY/CA-P-0630-S
	8	2-1/2	2000	10-1/8	2-1/4	22-1/2	6-81-PY/CA-P-0825-S
	8	3	2000	10-1/8	2-1/4	22-1/4	6-81-PY/CA-P-0830-S
	10	3	2000	11-1/2	2-1/2	31	6-81-PY/CA-P-1030-S
	12	2-1/2	2000	13-1/2	3	31-1/2	6-81-PY/CA-P-1225-S
	12	3	2000	13-1/2	3	40	6-81-PY/CA-P-1230-S
POLYURETHANE / ALUMINUM CORE (PY/AL) WHEELS WITH PRECISION BALL BEARINGS							
	4	3-1/4	1200	5-1/2	2	15	6-81-PY/AL-P-0432-S
	8	2-1/2	2000	10-1/8	3	20-1/4	6-81-PY/AL-P-0825-S
	8	3	2000	10-1/8	3	20-1/4	6-81-PY/AL-P-0830-S
	10	2-1/2	2000	11-1/2	3-1/2	24-1/2	6-81-PY/AL-P-1025-S
	10	3	2000	11-1/2	3-1/2	24-1/2	6-81-PY/AL-P-1030-S
X-TREME PLUS SOLID POLYURETHANE (XP) WHEELS WITH PRECISION BEARINGS							
	8	2-1/2	2000	10-1/8	2-1/4	22-1/2	6-81-XP-P-0825-S
	8	3	2000	10-1/8	2-1/4	22-1/4	6-81-XP-P-0830-S
	10	2-1/2	2000	11-1/2	2-1/2	24-1/2	6-81-XP-P-1025-S
	10	3	2000	11-1/2	2-1/2	31	6-81-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	10-1/8	2-1/4	22-1/4	6-81-SWE/9/FT-P-0630-S
	8	3	2000	10-1/8	2-1/4	22-1/4	6-81-SWE/9/FT-P-0830-S
	10	3	2000	11-1/2	2-1/2	24-1/2	6-81-SWE/9/FT-P-1003-S
**SWIVEL-EAZ™ (DUAL-IN-ONE) 80A / FLAT TREAD (SWE/8/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS							
	6	3	1600	10-1/8	2-1/4	22-1/4	6-81-SWE/8/FT-P-0630-S
	8	3	2000	10-1/8	2-1/4	22-1/4	6-81-SWE/8/FT-P-0830-S
	10	3	2000	11-1/2	2-1/2	24-1/2	6-81-SWE/8/FT-P-1003-S
**SWIVEL-EAZ™ (DUAL-IN-ONE) 70A / FLAT TREAD (SWE/7/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS							
	6	3	900	10-1/8	2-1/4	22-1/4	6-81-SWE/7/FT-P-0630-S
	8	3	1400	10-1/8	2-1/4	22-1/4	6-81-SWE/7/FT-P-0830-S
	10	3	2000	11-1/2	2-1/2	24-1/2	6-81-SWE/7/FT-P-1003-S
**SWIVEL-EAZ™ (DUAL-IN-ONE) 60D / FLAT TREAD (SWE/6/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS							
	6	3	2000	10-1/8	2-1/4	22-1/4	6-81-SWE/6/FT-P-0630-S
	8	3	2000	10-1/8	2-1/4	22-1/4	6-81-SWE/6/FT-P-0830-S
	10	3	2000	11-1/2	2-1/2	24-1/2	6-81-SWE/6/FT-P-1003-S
MOLDON RUBBER / CAST IRON CORE (MR/CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	700	7-5/8	3	20-1/2	6-81-MR/CA-P-0625-S
	6	3	750	7-5/8	3	20-3/4	6-81-MR/CA-P-0630-S
	8	2-1/2	850	10-1/8	3	20-1/4	6-81-MR/CA-P-0825-S
	8	3	900	10-1/8	3	22-1/4	6-81-MR/CA-P-0830-S
	10	2-1/2	950	11-1/2	3-1/2	24-1/2	6-81-MR/CA-P-1025-S
	10	3	1000	11-1/2	3-1/2	25-1/4	6-81-MR/CA-P-1030-S
	12	3	1200	13-1/2	3	30-3/4	6-81-MR/CA-P-1230-S
X-TRA SOFT RUBBER / DONUT TREAD (XSR/DT) WHEELS WITH PRECISION BALL BEARINGS							
	10	2-1/2	950	11-1/2	3-1/2		6-81-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" at the end of the part number.

All Rig Options should be added to the end of the part number.

6-81HD CONSTRUCTION FEATURES

Load Capacity Up to 2500 lbs.

- Single piece forged alloy steel top plate
- Integrally forged kingpin
- Forged alloy steel fork base
- Precision raceways, CNC machined:
3-1/4 in. diameter with 7/16 in. diameter balls
- Secondary load bearing: 3/4 in. bore tapered roller bearing for superior swiveling and perfect swivel head alignment
- Integrally forged 3/4 in. diameter kingpin UNF threaded with slotted nut arrangement for fine adjustment of swivel movements
- 5/16 in. thick x 2-1/2 in. legs cylindrically formed & robotically welded inside and outside to 2-1/2 in. fork spacing
- 3/4 in. wheel axle
- Finish is bright zinc plated or polymer painted (black)
- Optional 4-position directional lock slots and hardened raceways



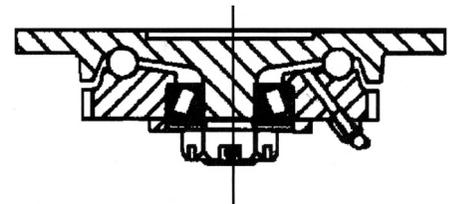
RIG OPTIONS

- DL** 4-Way Directional Lock
- TL/LE** Total Lock / Leading Edge
- WFB** Wheel Face Brake



Total Lock (TL/LE)

SWIVEL CROSS SECTION



TOP PLATE DIMENSIONS

Top Plate Size: 4-1/2" x 6-1/4"

Bolt Hole Centers: 2-7/16" x 4-15/16"

Slotted to 3-5/8" x 5-1/4"

Attaching Bolt: 1/2"



Directional Lock (DL)

6-81HD CASTERS with PRECISION BALL BEARING WHEELS

Swivel Part Number	Rigid Part Number	Swivel Part Number with Rig Option (TL/LE)*	Wheel Dia. (in)	Width (in)	OAH (in)	Swivel Radius (in)	Cap. (lb)
FORGED STEEL (FS) WHEELS WITH PRECISION BALL BEARINGS							
6-81HD-FS-P-0630-S	6-81HD-FS-P-0630-R	6-81HD-FS-P-0630-S-TL/LE	6	3	7-1/2	5-1/2	2500
6-81HD-FS-P-0830-S	6-81HD-FS-P-0830-R	6-81HD-FS-P-0830-S-TL/LE	8	3	10-1/8	6-1/2	2500
6-81HD-FS-P-1030-S	6-81HD-FS-P-1030-R	6-81HD-FS-P-1030-S-TL/LE	10	3	11-1/2	7-3/4	2500
6-81HD-FS-P-1230-S	6-81HD-FS-P-1230-R	6-81HD-FS-P-1230-S-TL/LE	12	3	13-1/2	9-1/4	2500
DUCTILE STEEL (DU) WHEELS WITH PRECISION BALL BEARINGS							
6-81HD-DU-P-0630-S	6-81HD-DU-P-0630-R	6-81HD-DU-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	2500
6-81HD-DU-P-0830-S	6-81HD-DU-P-0830-R	6-81HD-DU-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2500
6-81HD-DU-P-1030-S	6-81HD-DU-P-1030-R	6-81HD-DU-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2500
6-81HD-DU-P-1230-S	6-81HD-DU-P-1230-R	6-81HD-DU-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	2500
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS (ALSO AVAILABLE IN NYLACRON™ MONOCAST NY/MC)							
6-81HD-NY/MD-P-0630-S	6-81HD-NY/MD-P-0630-R	6-81HD-NY/MD-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	2500
6-81HD-NY/MD-P-0830-S	6-81HD-NY/MD-P-0830-R	6-81HD-NY/MD-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2500
6-81HD-NY/MD-P-1030-S	6-81HD-NY/MD-P-1030-R	6-81HD-NY/MD-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2500
6-81HD-NY/MD-P-1230-S	6-81HD-NY/MD-P-1230-R	6-81HD-NY/MD-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	2500
SOLID ELASTOMER (SE) WHEELS WITH PRECISION BALL BEARINGS							
6-81HD-SE-P-0630-S	6-81HD-SE-P-0630-R	6-81HD-SE-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	2500
6-81HD-SE-P-0830-S	6-81HD-SE-P-0830-R	6-81HD-SE-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2500
6-81HD-SE-P-1030-S	6-81HD-SE-P-1030-R	6-81HD-SE-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2500
6-81HD-SE-P-1230-S	6-81HD-SE-P-1230-R	6-81HD-SE-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	2500
HEAVY DUTY URETHANE / CAST IRON CORE (UR/HD/CA) WHEELS WITH PRECISION BALL BEARINGS							
6-81HD-UR/HD/CA-P-0630-S	6-81HD-UR/HD/CA-P-0630-R	6-81HD-UR/HD/CA-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	2300
6-81HD-UR/HD/CA-P-0830-S	6-81HD-UR/HD/CA-P-0830-R	6-81HD-UR/HD/CA-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2500
6-81HD-UR/HD/CA-P-1030-S	6-81HD-UR/HD/CA-P-1030-R	6-81HD-UR/HD/CA-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2500
6-81HD-UR/HD/CA-P-1230-S	6-81HD-UR/HD/CA-P-1230-R	6-81HD-UR/HD/CA-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	2500
URETHANE / CAST IRON CORE / DONUT TREAD (UR/CA/DT) WHEELS WITH PRECISION BALL BEARINGS							
6-81HD-UR/CA/DT-P-0630-S	6-81HD-UR/CA/DT-P-0630-R	6-81HD-UR/CA/DT-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	1875
6-81HD-UR/CA/DT-P-0830-S	6-81HD-UR/CA/DT-P-0830-R	6-81HD-UR/CA/DT-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2400
6-81HD-UR/CA/DT-P-1030-S	6-81HD-UR/CA/DT-P-1030-R	6-81HD-UR/CA/DT-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2500
6-81HD-UR/CA/DT-P-1230-S	6-81HD-UR/CA/DT-P-1230-R	6-81HD-UR/CA/DT-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	2500
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS							
6-81HD-PY/CA-P-0630-S	6-81HD-PY/CA-P-0630-R	6-81HD-PY/CA-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	2100
6-81HD-PY/CA-P-0830-S	6-81HD-PY/CA-P-0830-R	6-81HD-PY/CA-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2500
6-81HD-PY/CA-P-1030-S	6-81HD-PY/CA-P-1030-R	6-81HD-PY/CA-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2500
6-81HD-PY/CA-P-1230-S	6-81HD-PY/CA-P-1230-R	6-81HD-PY/CA-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	2500
**SWIVEL-EAZ™ (DUAL-IN-ONE) 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS							
6-81HD-SWE/9/FT-P-0630-S	6-81HD-SWE/9/FT-P-0630-R	6-81HD-SWE/9/FT-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	1900
6-81HD-SWE/9/FT-P-0830-S	6-81HD-SWE/9/FT-P-0830-R	6-81HD-SWE/9/FT-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2000
6-81HD-SWE/9/FT-P-1030-S	6-81HD-SWE/9/FT-P-1030-R	6-81HD-SWE/9/FT-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2000
ELASTIC RUBBER / CAST IRON CORE (ER/CA) WHEELS WITH PRECISION BALL BEARINGS							
6-81HD-ER/CA-P-0630-S	6-81HD-ER/CA-P-0630-R	6-81HD-ER/CA-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	950
6-81HD-ER/CA-P-0830-S	6-81HD-ER/CA-P-0830-R	6-81HD-ER/CA-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	1200
6-81HD-ER/CA-P-1030-S	6-81HD-ER/CA-P-1030-R	6-81HD-ER/CA-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	1650
6-81HD-ER/CA-P-1230-S	6-81HD-ER/CA-P-1230-R	6-81HD-ER/CA-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	1850

*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" at the end of the part number.

All Rig Options should be added to the end of the part number.

6-81K FEATURES

Load Capacity Up to 4100 lbs.

- Top Plate: 5/16" AISI 1045 heat treated steel welded inside and out for longer life
- Swivel Section: 3" Diameter with 1/2" hard chrome balls in precision machined through hardened raceway with threaded ball plug
- Yoke Base: Notched AISI 1045 steel machined and through hardened to minimize ball indentation and wear
- Lubrication: Zerk fitting in swivel section and in recessed head of hollow axle.
- Legs: 5/16" X 2-1/2" with inside and outside welds to swivel section for superior strength
- Axle: 3/4" diameter zerk axle with lock nut
- Finish: Zinc plating for greater corrosion resistance
- **Alternate or custom caster configurations available**



BRAKE OPTIONS

PCB	Poly Cam Brake
CBB	Cam Brake
FBB	Face Brake
FCB	Face Contact Brake
SSB	Single Side Brake
DSB	Double Side Brake

RIG OPTIONS

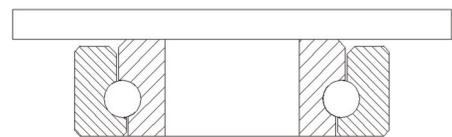
NS	Sealed Swivel
SLW	Swivel Lock - Welded
DSL	Swivel Lock - Detachable
SLFI	Swivel Lock - Field Installable
SS	For severe corrosive conditions, these casters can be Stainless Steel and equipped with Stainless Steel components.

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
(Standard)	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"
D	5" x 5 1/2"	4 1/8" x 4 1/2"	3/8"
P	7 1/4" x 5 1/4"	4 1/8" x 6 1/8" slotted to 3 3/8" x 5 1/4"	1/2"
S	7" x 6"	4 5/8" x 5 5/8" slotted to 4 3/8" x 5 1/2"	1/2"

Any Size Top Plate, OAH and BHC,s can be made with this kingpinless style caster to meet any job requirement

SWIVEL CROSS SECTION



6-81K CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Swivel Part Number Add B, P, PL, R or T*
FORGED STEEL (FS) WHEELS WITH ROLLER BEARINGS						
	6	2-1/2	4000	7-1/2	1-1/2	6-81K-FS-R-0625-S
	8	2-1/2	4000	10-1/8	2-1/4	6-81K-FS-R-0825-S
	8	3	5000	10-1/8	2-1/4	6-81K-FS-R-0830-S
	10	3	5000	11-1/2	2-1/2	6-81K-FS-R-1030-S
FORGED STEEL / V-GROOVED (FS/VG) WHEELS WITH ROLLER BEARINGS						
	8	3	5500	10-1/8	2-1/4	6-81K-FS/VG-R-0830-S
	10	3	5000	11-1/2	2-1/2	6-81K-FS/VG-R-1030-S
DUCTILE IRON / CROWN TREAD (DU/CR) WHEELS WITH ROLLER BEARINGS						
	6	2-1/2	3500	7-1/2	1-1/2	6-81K-DU/CR-R-0625-S
	6	3	5500	10-1/8	2-1/4	6-81K-DU/CR-R-0630-S
	8	3	5500	10-1/8	2-1/4	6-81K-DU/CR-R-0830-S
	10	3	5500	11-1/2	2-1/2	6-81K-DU/CR-R-1030-S
CAST IRON (CA) WHEELS WITH ROLLER BEARINGS						
	6	2-1/2	2000	7-1/2	1-1/2	6-81K-CA-R-0625-S
	6	3	2800	7-1/2	1-1/2	6-81K-CA-R-0630-S
	8	2-1/2	2300	10-1/8	2-1/4	6-81K-CA-R-0825-S
	8	3	2800	10-1/8	2-1/4	6-81K-CA-R-0830-S
	10	2-1/2	2300	11-1/2	2-1/2	6-81K-CA-R-1025-S
	10	3	2800	11-1/2	2-1/2	6-81K-CA-R-1030-S
	12	3	2800	13-1/2	3	6-81K-CA-R-1230-S
CAST IRON / V-GROOVED (CA/VG) WHEELS WITH ROLLER BEARINGS						
	6	2-1/2	2500	7-1/2	1-1/2	6-81K-CA/VG-R-0625-S
	8	2-1/2	2500	10-1/8	2-1/4	6-81K-CA/VG-R-0825-S
	8	3	2500	10-1/8	2-1/4	6-81K-CA/VG-R-0830-S
	10	3	3500	11-1/2	2-1/2	6-81K-CA/VG-R-1030-S
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS						
	6	2-1/2	4100	7-1/2	1-1/2	6-81K-NY/MD-P-0625-S
	6	3	4100	7-1/2	1-1/2	6-81K-NY/MD-P-0630-S
	8	2-1/2	4100	10-1/8	2-1/4	6-81K-NY/MD-P-0825-S
	8	3	4100	10-1/8	2-1/4	6-81K-NY/MD-P-0830-S
	10	2-1/2	4100	11-1/2	2-1/2	6-81K-NY/MD-P-1025-S
	10	3	4100	11-1/2	2-1/2	6-81K-NY/MD-P-1030-S
PHENOLIC / TEXITE (TM) WHEELS WITH ROLLER BEARINGS						
	6	2-1/2	1600	7-1/2	1-1/2	6-81K-TM-R-0625-S
	6	3	2000	7-1/2	1-1/2	6-81K-TM-R-0630-S
	8	2-1/2	2000	10-1/8	2-1/4	6-81K-TM-R-0825-S
	8	3	2500	10-1/8	2-1/4	6-81K-TM-R-0830-S
	10	2-1/2	2500	11-1/2	2-1/2	6-81K-TM-R-1025-S
	10	3	2900	11-1/2	2-1/2	6-81K-TM-R-1030-S
	12	2-1/2	3000	13-1/2	3	6-81K-TM-R-1225-S
	12	3	3500	13-1/2	3	6-81K-TM-R-1230-S
VULKOLLAN™ / CAST IRON CORE (VU/CA) WHEELS WITH PRECISION BALL BEARINGS						
	6	2-1/2	2350	7-1/2	1-1/2	6-81K-VU//CA-P-0625-S
	6	3	3000	7-1/2	1-1/2	6-81K-VU//CA-P-0630-S
	8	2-1/2	2900	10-1/8	2-1/4	6-81K-VU//CA-P-0825-S
	8	3	4000	10-1/8	2-1/4	6-81K-VU//CA-P-0830-S
	10	2-1/2	3450	11-1/2	2-1/2	6-81K-VU//CA-P-1025-S
	10	3	5000	11-1/2	2-1/2	6-81K-VU//CA-P-1030-S
VULKOLLAN™ THICK TREAD / CAST IRON CORE (VU/TT/CA) WHEELS WITH PRECISION BALL BEARINGS						
	6	2-1/2	2350	7-1/2	1-1/2	6-81K-VU/TT/CA-P-0625-S
	6	3	3000	7-1/2	1-1/2	6-81K-VU/TT/CA-P-0630-S
	8	2-1/2	2900	10-1/8	2-1/4	6-81K-VU/TT/CA-P-0825-S
	8	3	4000	10-1/8	2-1/4	6-81K-VU/TT/CA-P-0830-S
	10	2-1/2	3450	11-1/2	2-1/2	6-81K-VU/TT/CA-P-1025-S
	10	3	5000	11-1/2	2-1/2	6-81K-VU/TT/CA-P-1030-S

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6-81K CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Swivel Part Number Add B, P, PL, R or T*
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS						
	6	2-1/2	1620	7-1/2	1-1/2	6-81K-PY/CA-P-0625-S
	6	3	2040	7-1/2	1-1/2	6-81K-PY/CA-P-0630-S
	8	2-1/2	2010	10-1/8	2-1/4	6-81K-PY/CA-P-0825-S
	8	3	2520	10-1/8	2-1/4	6-81K-PY/CA-P-0830-S
	10	2-1/2	2370	11-1/2	2-1/2	6-81K-PY/CA-P-1025-S
	10	3	3000	11-1/2	2-1/2	6-81K-PY/CA-P-1030-S
	12	2-1/2	2700	13-1/2	3	6-81K-PY/CA-P-1225-S
	12	3	3420	13-1/2	3	6-81K-PY/CA-P-1230-S
POLYURETHANE THICK TREAD / CAST IRON CORE (PY/TT/CA) WHEELS WITH PRECISION BALL BEARINGS						
	6	3	2040	7-1/2	1-1/2	6-81K-PY/TT/CA-P-0630-S
	8	3	2520	10-1/8	2-1/4	6-81K-PY/TT/CA-P-0830-S
	10	2-1/2	2370	11-1/2	2-1/2	6-81K-PY/TT/CA-P-1025-S
	10	3	3000	11-1/2	2-1/2	6-81K-PY/TT/CA-P-1030-S
	12	2-1/2	2700	13-1/2	3	6-81K-PY/TT/CA-P-1225-S
	12	3	3420	13-1/2	3	6-81K-PY/TT/CA-P-1230-S
POLYURETHANE / ALUMINUM CORE (PY/AL) WHEELS WITH PRECISION BALL BEARINGS						
	8	2-1/2	2010	10-1/8	2-1/4	6-81K-PY/AL-P-0825-S
	8	3	2520	10-1/8	2-1/4	6-81K-PY/AL-P-0830-S
	10	2-1/2	2370	11-1/2	2-1/2	6-81K-PY/AL-P-1025-S
	10	3	3000	11-1/2	2-1/2	6-81K-PY/AL-P-1030-S
X-TREME PLUS SOLID POLYURETHANE (XP/ PY) WHEELS WITH PRECISION BALL BEARINGS						
	8	2-1/2	2000	10-1/8	2-1/4	6-81K-XP/PY-P-0825-S
	8	3	2000	10-1/8	2-1/4	6-81K-XP/PY-P-0830-S
	10	2-1/2	2500	11-1/2	2-1/2	6-81K-XP/PY-P-1025-S
	10	3	2500	11-1/2	2-1/2	6-81K-XP/PY-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	7-1/2	2-1/4	6-81K-SWE/9/FT-P-0630-S
	8	3	3000	10-1/8	2-1/4	6-81K-SWE/9/FT-P-0830-S
	10	3	3500	11-1/2	2-1/2	6-81K-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	7-1/2	2-1/4	6-81K-SWE/8/FT-P-0630-S
	8	3	2300	10-1/8	2-1/4	6-81K-SWE/8/FT-P-0830-S
	10	3	3500	11-1/2	2-1/2	6-81K-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	7-1/2	2-1/4	6-81K-SWE/7/FT-P-0630-S
	8	3	1400	10-1/8	2-1/4	6-81K-SWE/7/FT-P-0830-S
	10	3	2200	11-1/2	2-1/2	6-81K-SWE/7/FT-P-1030-S
HEAVY DUTY MOLDON RUBBER / CA CORE (MH/CA) WHEELS WITH PRECISION BALL BEARINGS						
	8	2-1/2	1300	10-1/8	2-1/4	6-81K-MH/CA-P-0825-S
	10	2-1/2	1500	11-1/2	2-1/2	6-81K-MH/CA-P-1025-S
	10	3	1800	11-1/2	2-1/2	6-81K-MH/CA-P-1030-S
	12	2-1/2	1700	13-1/2	3	6-81K-MH/CA-P-1225-S
MOLDON RUBBER / CAST IRON CORE (MR/CA) WHEELS WITH PRECISION BALL BEARINGS						
	6	2-1/2	700	7-1/2	1-1/2	6-81K-MR/CA-P-0625-S
	6	3	750	7-1/2	1-1/2	6-81K-MR/CA-P-0630-S
	8	2-1/2	850	10-1/8	2-1/4	6-81K-MR/CA-P-0825-S
	8	3	900	10-1/8	2-1/4	6-81K-MR/CA-P-0830-S
	10	2-1/2	950	11-1/2	2-1/2	6-81K-MR/CA-P-1025-S
	10	3	1000	11-1/2	2-1/2	6-81K-MR/CA-P-1030-S
	12	2-1/2	950	13-1/2	3	6-81K-MR/CA-P-1225-S
	12	3	1200	13-1/2	3	6-81K-MR/CA-P-1230-S
X-TRA SOFT RUBBER / DONUT TREAD (XSR/DT) WHEELS WITH PRECISION BALL BEARINGS						
	10	2-1/2	850	11-1/2	2-1/2	6-81K-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" at the end of the part number.

All Rig Options should be added to the end of the part number.

6-81KHD CONSTRUCTION FEATURES

Load Capacity Up to 3500 lbs.

- Single piece forged alloy steel top plate and fork base
- Precision raceways, CNC machined
- Induction hardened raceway ensure longevity of the swivel
- Totally sealed swivel head with grease nipple
- 1/4 in. thick cylindrically formed legs robotically welded inside and outside to 65mm fork spacing
- 1/2 in. wheel axle
- 3-1/2 in. hub length
- Finish is zinc plated, ROHS compliant or black polymer color-coated



TOP PLATE OPTIONS

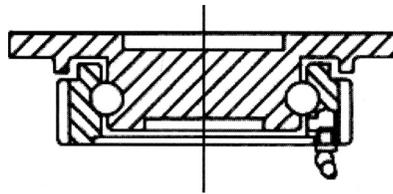
(Standard)

Top Plate: 4-1/2" x 6-1/4"

Bolt Hole Centers: 2-7/16" x 4-15/16"
slotted to 3-5/8" x 5-1/4"

Attaching Bolt: 1/2"

SWIVEL CROSS SECTION



RIG OPTIONS

- DL** 4-Way Directional Lock
- TL/LE** Total Lock / Leading Edge
- WFB** Wheel Face Brake



6-81KHD CASTERS with PRECISION BALL BEARING WHEELS

Swivel Part Number	Rigid Part Number	Swivel Part Number with Rig Option (TL/LE)*	Wheel Dia. (in)	Width (in)	OAH (in)	Swivel Radius (in)	Cap. (lb)
FORGED STEEL (FS) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD-FS-P-0630-S	6-81KHD-FS-P-0630-R	6-81KHD-FS-P-0630-S-TL/LE	6	3	7-1/2	5-1/2	3500
6-81KHD-FS-P-0830-S	6-81KHD-FS-P-0830-R	6-81KHD-FS-P-0830-S-TL/LE	8	3	10-1/8	6-1/2	3500
6-81KHD-FS-P-1030-S	6-81KHD-FS-P-1030-R	6-81KHD-FS-P-1030-S-TL/LE	10	3	11-1/2	7-3/4	3500
6-81KHD-FS-P-1230-S	6-81KHD-FS-P-1230-R	6-81KHD-FS-P-1230-S-TL/LE	12	3	13-1/2	9-1/4	3500
DUCTILE STEEL (DU) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD-DU-P-0630-S	6-81KHD-DU-P-0630-R	6-81KHD-DU-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	2500
6-81KHD-DU-P-0830-S	6-81KHD-DU-P-0830-R	6-81KHD-DU-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2500
6-81KHD-DU-P-1030-S	6-81KHD-DU-P-1030-R	6-81KHD-DU-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2500
6-81KHD-DU-P-1230-S	6-81KHD-DU-P-1230-R	6-81KHD-DU-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	2500
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS (ALSO AVAILABLE IN NYLACRON™ MONOCAST NY/MC)							
6-81KHD-NY/MD-P-0630-S	6-81KHD-NY/MD-P-0630-R	6-81KHD-NY/MD-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	3500
6-81KHD-NY/MD-P-0830-S	6-81KHD-NY/MD-P-0830-R	6-81KHD-NY/MD-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	3500
6-81KHD-NY/MD-P-1030-S	6-81KHD-NY/MD-P-1030-R	6-81KHD-NY/MD-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	3500
6-81KHD-NY/MD-P-1230-S	6-81KHD-NY/MD-P-1230-R	6-81KHD-NY/MD-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	3500
SOLID ELASTOMER (SE) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD-SE-P-0630-S	6-81KHD-SE-P-0630-R	6-81KHD-SE-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	2500
6-81KHD-SE-P-0830-S	6-81KHD-SE-P-0830-R	6-81KHD-SE-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2500
6-81KHD-SE-P-1030-S	6-81KHD-SE-P-1030-R	6-81KHD-SE-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2500
6-81KHD-SE-P-1230-S	6-81KHD-SE-P-1230-R	6-81KHD-SE-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	2500
HEAVY DUTY URETHANE / CAST IRON CORE (UR/HD/CA) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD-UR/HD/CA-P-0630-S	6-81KHD-UR/HD/CA-P-0630-R	6-81KHD-UR/HD/CA-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	2300
6-81KHD-UR/HD/CA-P-0830-S	6-81KHD-UR/HD/CA-P-0830-R	6-81KHD-UR/HD/CA-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2500
6-81KHD-UR/HD/CA-P-1030-S	6-81KHD-UR/HD/CA-P-1030-R	6-81KHD-UR/HD/CA-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2500
6-81KHD-UR/HD/CA-P-1230-S	6-81KHD-UR/HD/CA-P-1230-R	6-81KHD-UR/HD/CA-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	2500
URETHANE / CAST IRON CORE / DONUT TREAD (UR/CA/DT) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD-UR/CA/DT-P-0630-S	6-81KHD-UR/CA/DT-P-0630-R	6-81KHD-UR/CA/DT-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	1875
6-81KHD-UR/CA/DT-P-0830-S	6-81KHD-UR/CA/DT-P-0830-R	6-81KHD-UR/CA/DT-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2400
6-81KHD-UR/CA/DT-P-1030-S	6-81KHD-UR/CA/DT-P-1030-R	6-81KHD-UR/CA/DT-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2500
6-81KHD-UR/CA/DT-P-1230-S	6-81KHD-UR/CA/DT-P-1230-R	6-81KHD-UR/CA/DT-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	2500
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD-PY/CA-P-0630-S	6-81KHD-PY/CA-P-0630-R	6-81KHD-PY/CA-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	2100
6-81KHD-PY/CA-P-0830-S	6-81KHD-PY/CA-P-0830-R	6-81KHD-PY/CA-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2500
6-81KHD-PY/CA-P-1030-S	6-81KHD-PY/CA-P-1030-R	6-81KHD-PY/CA-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2500
6-81KHD-PY/CA-P-1230-S	6-81KHD-PY/CA-P-1230-R	6-81KHD-PY/CA-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	2500
**SWIVEL-EAZ™ (DUAL-IN-ONE) 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS							
6-81KHD-SWE/9/FT-P-0630-S	6-81KHD-SWE/9/FT-P-0630-R	6-81KHD-SWE/9/FT-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	1900
6-81KHD-SWE/9/FT-P-0830-S	6-81KHD-SWE/9/FT-P-0830-R	6-81KHD-SWE/9/FT-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2000
6-81KHD-SWE/9/FT-P-1030-S	6-81KHD-SWE/9/FT-P-1030-R	6-81KHD-SWE/9/FT-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2000
ELASTIC RUBBER / CAST IRON CORE (ER/CA) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD-ER/CA-P-0630-S	6-81KHD-ER/CA-P-0630-R	6-81KHD-ER/CA-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	950
6-81KHD-ER/CA-P-0830-S	6-81KHD-ER/CA-P-0830-R	6-81KHD-ER/CA-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	1200
6-81KHD-ER/CA-P-1030-S	6-81KHD-ER/CA-P-1030-R	6-81KHD-ER/CA-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	1650
6-81KHD-ER/CA-P-1230-S	6-81KHD-ER/CA-P-1230-R	6-81KHD-ER/CA-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	1850

*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" at the end of the part number.

All Rig Options should be added to the end of the part number.

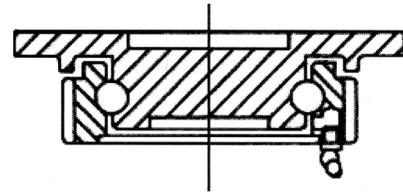
6-81KHD/DW CONSTRUCTION FEATURES

Load Capacity Up to 3500 lbs.

- Single piece forged alloy steel top plate and fork base
- Precision raceways, CNC machined
- Induction hardened raceway ensure longevity of the swivel
- Totally sealed swivel head with grease nipple
- 1/4 in. thick cylindrically formed legs robotically welded inside and outside to 65mm x 2 fork spacing
- 1/2 in. wheel axle
- Finish is zinc plated, ROHS compliant or black polymer color-coated



SWIVEL CROSS SECTION



RIG OPTIONS

- DL** 4-Way Directional Lock
FCB Face Contact Brake

TOP PLATE OPTIONS

(Standard)

Top Plate: 4-1/2" x 6-1/4"
Bolt Hole Centers: 2-7/16" x 4-15/16"
 slotted to 3-5/8" x 5-1/4"
Attaching Bolt: 1/2"

TP90 (Optional)

Top Plate: 5-1/4" x 7-1/4"
Bolt Hole Centers: 3-3/8" x 5-1/4"
 slotted to 4-1/8" x 6-1/8"
Attaching Bolt: 1/2"



FCB



DL

6-81KHD/DW CASTERS with PRECISION BALL BEARING WHEELS

Swivel Part Number	Rigid Part Number	Swivel Part Number with Rig Option (FCB)*	Whl. Dia. (in)	Width (in)	OAH (in)	Swl. Rad. (in)	Cap. (lb)
FORGED STEEL (FS) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD/DW-FS-P-0630-S	6-81KHD/DW-FS-P-0630-R	6-81KHD/DW-FS-P-0630-S-FCB	6	3	7-1/2	5-1/2	3500
6-81KHD/DW-FS-P-0830-S	6-81KHD/DW-FS-P-0830-R	6-81KHD/DW-FS-P-0830-S-FCB	8	3	10-1/8	6-1/2	3500
6-81KHD/DW-FS-P-1030-S	6-81KHD/DW-FS-P-1030-R	6-81KHD/DW-FS-P-1030-S-FCB	10	3	11-1/2	7-3/4	3500
6-81KHD/DW-FS-P-1230-S	6-81KHD/DW-FS-P-1230-R	6-81KHD/DW-FS-P-1230-S-FCB	12	3	13-1/2	9-1/4	3500
DUCTILE STEEL (DU) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD/DW-DU-P-0630-S	6-81KHD/DW-DU-P-0630-R	6-81KHD/DW-DU-P-0630-S-FCB	6	3	7-1/2	3-5/8	3500
6-81KHD/DW-DU-P-0830-S	6-81KHD/DW-DU-P-0830-R	6-81KHD/DW-DU-P-0830-S-FCB	8	3	10-1/8	4-5/8	3500
6-81KHD/DW-DU-P-1030-S	6-81KHD/DW-DU-P-1030-R	6-81KHD/DW-DU-P-1030-S-FCB	10	3	11-1/2	5-1/4	3500
6-81KHD/DW-DU-P-1230-S	6-81KHD/DW-DU-P-1230-R	6-81KHD/DW-DU-P-1230-S-FCB	12	3	13-1/2	6-9/16	3500
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS (ALSO AVAILABLE IN NYLACRON™ MONOCAST NY/MC)							
6-81KHD/DW-NY/MD-P-0630-S	6-81KHD/DW-NY/MD-P-0630-R	6-81KHD/DW-NY/MD-P-0630-S-FCB	6	3	7-1/2	3-5/8	3500
6-81KHD/DW-NY/MD-P-0830-S	6-81KHD/DW-NY/MD-P-0830-R	6-81KHD/DW-NY/MD-P-0830-S-FCB	8	3	10-1/8	4-5/8	3500
6-81KHD/DW-NY/MD-P-1030-S	6-81KHD/DW-NY/MD-P-1030-R	6-81KHD/DW-NY/MD-P-1030-S-FCB	10	3	11-1/2	5-1/4	3500
6-81KHD/DW-NY/MD-P-1230-S	6-81KHD/DW-NY/MD-P-1230-R	6-81KHD/DW-NY/MD-P-1230-S-FCB	12	3	13-1/2	6-9/16	3500
SOLID ELASTOMER (SE) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD/DW-SE-P-0630-S	6-81KHD/DW-SE-P-0630-R	6-81KHD/DW-SE-P-0630-S-FCB	6	3	7-1/2	3-5/8	2500
6-81KHD/DW-SE-P-0830-S	6-81KHD/DW-SE-P-0830-R	6-81KHD/DW-SE-P-0830-S-FCB	8	3	10-1/8	4-5/8	2600
6-81KHD/DW-SE-P-1030-S	6-81KHD/DW-SE-P-1030-R	6-81KHD/DW-SE-P-1030-S-FCB	10	3	11-1/2	5-1/4	3000
6-81KHD/DW-SE-P-1230-S	6-81KHD/DW-SE-P-1230-R	6-81KHD/DW-SE-P-1230-S-FCB	12	3	13-1/2	6-9/16	3400
HEAVY DUTY URETHANE / CAST IRON CORE (UR/HD/CA) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD/DW-UR/HD/CA-P-0630-S	6-81KHD/DW-UR/HD/CA-P-0630-R	6-81KHD/DW-UR/HD/CA-P-0630-S-FCB	6	3	7-1/2	3-5/8	2300
6-81KHD/DW-UR/HD/CA-P-0830-S	6-81KHD/DW-UR/HD/CA-P-0830-R	6-81KHD/DW-UR/HD/CA-P-0830-S-FCB	8	3	10-1/8	4-5/8	3100
6-81KHD/DW-UR/HD/CA-P-1030-S	6-81KHD/DW-UR/HD/CA-P-1030-R	6-81KHD/DW-UR/HD/CA-P-1030-S-FCB	10	3	11-1/2	5-1/4	3500
6-81KHD/DW-UR/HD/CA-P-1230-S	6-81KHD/DW-UR/HD/CA-P-1230-R	6-81KHD/DW-UR/HD/CA-P-1230-S-FCB	12	3	13-1/2	6-9/16	3500
URETHANE / CAST IRON CORE / DONUT TREAD (UR/CA/DT) 95A WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD/DW-UR/CA/DT-P-0630-S	6-81KHD/DW-UR/CA/DT-P-0630-R	6-81KHD/DW-UR/CA/DT-P-0630-S-FCB	6	3	7-1/2	3-5/8	1850
6-81KHD/DW-UR/CA/DT-P-0830-S	6-81KHD/DW-UR/CA/DT-P-0830-R	6-81KHD/DW-UR/CA/DT-P-0830-S-FCB	8	3	10-1/8	4-5/8	2400
6-81KHD/DW-UR/CA/DT-P-1030-S	6-81KHD/DW-UR/CA/DT-P-1030-R	6-81KHD/DW-UR/CA/DT-P-1030-S-FCB	10	3	11-1/2	5-1/4	2850
6-81KHD/DW-UR/CA/DT-P-1230-S	6-81KHD/DW-UR/CA/DT-P-1230-R	6-81KHD/DW-UR/CA/DT-P-1230-S-FCB	12	3	13-1/2	6-9/16	3500
POLYURETHANE / CAST IRON CORE (PY/CA) 85A WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD/DW-PY/CA-P-0630-S	6-81KHD/DW-PY/CA-P-0630-R	6-81KHD/DW-PY/CA-P-0630-S-FCB	6	3	7-1/2	3-5/8	1750
6-81KHD/DW-PY/CA-P-0830-S	6-81KHD/DW-PY/CA-P-0830-R	6-81KHD/DW-PY/CA-P-0830-S-FCB	8	3	10-1/8	4-5/8	2500
6-81KHD/DW-PY/CA-P-1030-S	6-81KHD/DW-PY/CA-P-1030-R	6-81KHD/DW-PY/CA-P-1030-S-FCB	10	3	11-1/2	5-1/4	3000
6-81KHD/DW-PY/CA-P-1230-S	6-81KHD/DW-PY/CA-P-1230-R	6-81KHD/DW-PY/CA-P-1230-S-FCB	12	3	13-1/2	6-9/16	3200
**SWIVEL-EAZ™ (DUAL-IN-ONE) 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS							
6-81KHD/DW-SWE/9/FT-P-0630-S	6-81KHD/DW-SWE/9/FT-P-0630-R	6-81KHD/DW-SWE/9/FT-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	1900
6-81KHD/DW-SWE/9/FT-P-0830-S	6-81KHD/DW-SWE/9/FT-P-0830-R	6-81KHD/DW-SWE/9/FT-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2000
6-81KHD/DW-SWE/9/FT-P-1030-S	6-81KHD/DW-SWE/9/FT-P-1030-R	6-81KHD/DW-SWE/9/FT-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2000
ELASTIC RUBBER / CAST IRON CORE (ER/CA) 75A WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD/DW-ER/CA-P-0630-S	6-81KHD/DW-ER/CA-P-0630-R	6-81KHD/DW-ER/CA-P-0630-S-FCB	6	3	7-1/2	3-5/8	950
6-81KHD/DW-ER/CA-P-0830-S	6-81KHD/DW-ER/CA-P-0830-R	6-81KHD/DW-ER/CA-P-0830-S-FCB	8	3	10-1/8	4-5/8	1200
6-81KHD/DW-ER/CA-P-1030-S	6-81KHD/DW-ER/CA-P-1030-R	6-81KHD/DW-ER/CA-P-1030-S-FCB	10	3	11-1/2	5-1/4	1650
6-81KHD/DW-ER/CA-P-1230-S	6-81KHD/DW-ER/CA-P-1230-R	6-81KHD/DW-ER/CA-P-1230-S-FCB	12	3	13-1/2	6-9/16	1850

*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" at the end of the part number.

All Rig Options should be added to the end of the part number.

6-81K/SA & 6-81KHD/SA RIG FEATURES

Load Capacity Up to 2000 lbs.

- Load Springs: Different load springs for permits wide variation in ride “softness.”
- Complete Line: Available on all 6-81K SA and 6-81KHD SA series Kingpinless models. Consult Acorn™ for more information.
- Swivel Section: Kingpinless design. Ball bearing mounted in a machined raceway.
- Axle: 3/4" diameter standard. Optional 1" diameter available.

Consult Acorn™ for all Kingpinless Spring Loaded Applications.

KEY FEATURE

6-81K/SA and 6-81KHD/SA spring loaded casters offer greater capacity and protection from damaging shock or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.

TYPICAL APPLICATIONS

- Aviation Ground Support
- Aircraft tripod jacks
- Portable medical equipment
- Computer equipment
- Shock sensitive loads

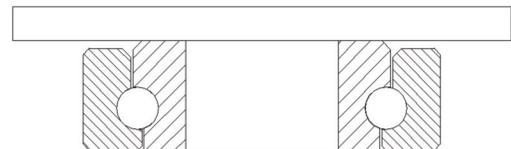
WHEEL TYPES

WHEEL CODE	WHEEL TYPE	BEARING
NY/MD	Nylacron™ MD	Precision Ball
UR8/CA	Urethane 80A / Cast Iron Core	Precision Ball
UR9/CA	Urethane 95A / Cast Iron Core	Precision Ball
PY/TT	Thick Tread Polyurethane	Precision Ball
VU/CA	Vulkollan™ / Cast Iron Core	Precision Ball
VU/TT	Vulkollan™ Thick Tread	Precision Ball

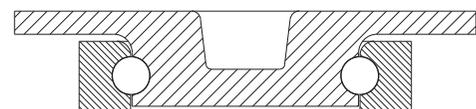
Additional wheels available, consult Acorn™.



6-81K/SA CROSS SECTION



6-81KHD/SA CROSS SECTION



6-81K/SA SPECIFICATIONS (YA = RIG ONLY)

Dia. (in.)	Width (in.)	Cap. at 50% Whl. Defl.(lbs.)	Total Whl. Deflection	OAH (no load)	Swl Lead (in.)	Swl Radius (in.)	Swivel Part Number
6	2-1/2	2000	1.30"	10.88"	4.88	8	6-81K/SA-YA-06401S
6	3	2000	1.30"	10.88"	4.88	8.06	6-81K/SA-YA-06501S
8	2-1/2	2000	1.30"	11.88"	4.88	9	6-81K/SA-YA-08401S
8	3	2000	1.30"	11.88"	4.88	9.06	6-81K/SA-YA-08501S
10	2-1/2	2000	1.30"	14"	4.88	10	6-81K/SA-YA-10401S
10	3	2000	1.30"	14"	4.88	10.06	6-81K/SA-YA-10501S
12	2-1/2	2700	1.30"	16"	5.69	11.81	6-81K/SA-YA-12401S
12	3	3000	1.30"	16"	5.69	11.88	6-81K/SA-YA-12501S

For rigid casters, change "S" to "R" (i.e. 6-81K/SA-YA-06401S01 becomes 6-81K/SA-YA-06401R01)

Consult Acorn™ for all Kingpinless Spring Loaded Applications.

6-81KHD/SA SPECIFICATIONS (YA = RIG ONLY)

Dia. (in.)	Width (in.)	Cap. at 50% Whl. Defl.(lbs.)	Total Whl. Deflection	OAH (no load)	Swl Lead (in.)	Swl Radius (in.)	Swivel Part Number
6	2-1/2	2000	1.30"	10.88"	4.88"	8	6-81KHD/SA-YA-06401S
6	3	2000	1.30"	10.88"	4.88"	8.06	6-81KHD/SA-YA-06501S
8	2-1/2	2000	1.30"	11.88"	4.88"	9.00	6-81KHD/SA-YA-08401S
8	3	2000	1.30"	11.88"	4.88"	9.06	6-81KHD/SA-YA-08501S
10	2-1/2	2000	1.30"	14"	4.88"	10	6-81KHD/SA-YA-10401S
10	3	2000	1.30"	14"	4.88"	10.06	6-81KHD/SA-YA-10501S
12	3	3000	1.30"	16"	5.69"	11.88	6-81KHD/SA-YA-12501S

For rigid casters, change "S" to "R" (i.e. 6-81KHD/SA-YA-06401S01 becomes 6-81KHD/SA-YA-06401R01)

Consult Acorn™ for all Kingpinless Spring Loaded Applications.

MOUNTING PLATE (6-81K/SA)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
(Standard)	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"
D	5" x 5 1/2"	4 1/8" x 4 1/2"	3/8"
P	7 1/4" x 5 1/4"	4 1/8" x 6 1/8" slotted to 3 3/8" x 5 1/4"	1/2"
S	7" x 6"	4 5/8" x 5 5/8" slotted to 4 3/8" x 5 1/2"	1/2"

MOUNTING PLATE (6-81KHD/SA)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
(Standard)	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"

Any Size Top Plate, OAH and BHC,s can be made with this kingpinless style caster to meet any job requirement

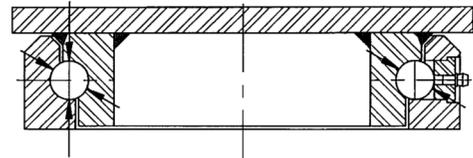
6-81K/DW - DUAL WHEEL KINGPINLESS CASTER

Load Capacity Up to 3600 lbs.

- Raceway Design: Patented Kinpinless single ball bearing precision machined raceway hardened to 53 Rockwell C minimum. Swivel section features a 3" diameter raceway with 1/2" ball bearings. The notched yoke is standard.
- Finish: Laguna Blue paint
- Axle: 1/2" bolt, locking nut and lubrication fittings
- Leg Thickness: 5/16" formed steel. Center leg support is added for increased strength.
- Wheels: All wheels are 2" wide with 3/4" I.D. roller bearings that are prelubricated and rotate on individual spanner bushings or annular ball bearings for ease of rollability.
- Mounting Plate Size: 4-1/2" x 6-1/2" x 5/16"
- Bolt Hole Spacing: 2-7/16" x 4-15/16", slotted to 3-3/8" x 5-1/4"
- Mounting Bolt Diameter: 1/2"



SWIVEL CROSS SECTION



BRAKE OPTIONS

CWB Cam Wheel Brake

SWIVEL RIG OPTIONS

HT High Temperature Lubrication
LT Low Temperature Lubrication
DSL Demountable Swivel Lock
SL Swivel Lock
SR Sealed Swivel Raceway
TG Thread Guard

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
(Standard)	4-1/2" x 6-1/4"	5-1/4" x 3-3/8" slotted to 4-15/16" x 2-7/16"	3/8"
42	4" x 4-1/2"	2-5/8" x 3-5/8" slotted to 3" x 3"	3/8"
43	5" x 5-1/2"	4-1/8" x 4-1/2"	3/8"

To order a rigid caster, change the "S" to "R" in the model number. Dimensions shown are nominal. If precise dimensions are required, consult Acorn™. For approximate weight of our rigid casters, deduct 3.9 pounds.

6-81K/DW DUAL WHEEL KINGPINLESS 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*
CAST IRON (CA) WHEELS WITH ROLLER BEARINGS							
	5"	2"	2000	7-1/2"	1-7/16"	17	6-81K/DW-CA-R-0520-S
	6"	2"	2400	8"	1-7/16"	18-1/2	6-81K/DW-CA-R-0620-S
	8"	2"	2800	10-1/8"	2-1/16"	23	6-81K/DW-CA-R-0820-S
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
	5"	2"	2200	7-1/2"	1-7/16"	11-1/2	6-81K/DW-NY/MD-P-0520-S
	6"	2"	2500	8"	1-7/16"	12-1/2	6-81K/DW-NY/MD-P-0620-S
	8"	2"	3000	10-1/8"	2-1/16"	15	6-81K/DW-NY/MD-P-0820-S
PHENOLIC / TEXITE (TM) WHEELS WITH ROLLER BEARINGS							
	5"	2"	2000	7-1/2"	1-7/16"	11-1/2	6-81K/DW-TM-R-0520-S
	6"	2"	2400	8"	1-7/16"	12-1/2	6-81K/DW-TM-R-0620-S
	8"	2"	2800	10-1/8"	2-1/16"	15	6-81K/DW-TM-R-0820-S
SWIVEL-EAZ™ (DUAL-IN-ONE) 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH PRECISION BEARINGS (ALSO AVAILABLE IN CROWN TREAD)							
	5"	2"	1400	7-1/2"	1-7/16"	12-1/2	6-81K/DW-SWE/9/FT-P-0520-S
	6"	2"	1900	8"	1-7/16"	13-1/2	6-81K/DW-SWE/9/FT-P-0620-S
	8"	2"	3000	10-1/8"	2-1/16"	16	6-81K/DW-SWE/9/FT-P-0820-S
SWIVEL-EAZ™ (DUAL-IN-ONE) 80A / FLAT TREAD (SWE/8/FT) WHEELS WITH PRECISION BEARINGS (ALSO AVAILABLE CROWN TREAD)							
	5"	2"	1050	7-1/2"	1-7/16"	12-1/2	6-81K/DW-SWE/8/FT-P-0520-S
	6"	2"	1400	8"	1-7/16"	13-1/2	6-81K/DW-SWE/8/FT-P-0620-S
	8"	2"	2300	10-1/8"	2-1/16"	16	6-81K/DW-SWE/8/FT-P-0820-S
SWIVEL-EAZ™ (DUAL-IN-ONE) 60D / FLAT TREAD (SWE/6/FT) WHEELS WITH PRECISION BEARINGS (ALSO AVAILABLE IN CROWN TREAD)							
	5"	2"	1550	7-1/2"	1-7/16"	12-1/2	6-81K/DW-SWE/6/FT-P-0520-S
	6"	2"	2200	8"	1-7/16"	13-1/2	6-81K/DW-SWE/6/FT-P-0620-S
	8"	2"	3500	10-1/8"	2-1/16"	16	6-81K/DW-SWE/6/FT-P-0820-S
URETHANE / DONUT TREAD / CAST IRON CORE (UR/DT/CA) WHEELS WITH PRECISION ALL BEARINGS							
	5"	2"	2000	7-1/2"	1-7/16"	15-1/2	6-81K/DW-UR/DT/CA-P-0520-S
	6"	2"	2500	8"	1-7/16"	16-1/2	6-81K/DW-UR/DT/CA-P-0620-S
	8"	2"	3400	10-1/8"	2-1/16"	17-1/2	6-81K/DW-UR/DT/CA-P-0820-S
URETHANE / CAST IRON CORE (UR/CA) WHEELS WITH PRECISION BALL BEARINGS							
	5"	2"	2100	7-1/2"	1-7/16"	16-1/2	6-81K/DW-UR/CA-P-0520-S
	6"	2"	2460	8"	1-7/16"	17-1/2	6-81K/DW-UR/CA-P-0620-S
	8"	2"	3000	10-1/8"	2-1/16"	18-1/2	6-81K/DW-UR/CA-P-0820-S
URETHANE / THICK TREAD / CAST IRON CORE (UR/TT/CA) WHEELS WITH PRECISION BALL BEARINGS							
	5"	2"	1500	7-1/2"	1-7/16"	16-1/2	6-81K/DW-UR/TT/CA-P-0520-S
	6"	2"	2000	8"	1-7/16"	17-1/2	6-81K/DW-UR/TT/CA-P-0620-S
	8"	2"	2900	10-1/8"	2-1/16"	18-1/2	6-81K/DW-UR/TT/CA-P-0820-S
OMEGA (UO) WHEELS WITH TAPERED ROLLER BEARINGS							
	6"	2"	2000	8"	1-7/16"	16-1/2	6-81K/DW-UO-T-0620-S
	8"	2"	2400	10-1/8"	2-1/16"	18	6-81K/DW-UO-T-0820-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" at the end of the part number.

All Rig Options should be added to the end of the part number.

6-81KSS CONSTRUCTION FEATURES

Load Capacity Up to 2500 lbs.

- Raceway: Double ball stainless steel. Frmed smooth for easy swivel action with 3/8" SS balls in the upper raceway and 5/16" in the lower.
- Swivel Section: 3" Diameter with 1/2" hard SS balls in precision machined raceway with threaded ball plug
- Yoke Base: Notched Stainless Steel
- King Pin & Nut: 3/4" diameter, Stainless Steel welded and heat treated for longer life
- Top Plate: 1/4" Stainless steel
- Legs: 3/4" diameter SS axle with or without zerk and SS lock nut section
- Axle & Lock Nut: Stainless steel. 3/4" without SS zerk.
- Lubrication: Zerk fitting in swivel section and in recessed head of hollow axle



SWIVEL RIG OPTIONS

- SL/SS** Swivel Lock - Stainless Steel
NS Sealed Swivel

BRAKE OPTIONS

- CB/SS** Cam Brake - Stainless Steel
FCB/SS Face Contact Brake - Stainless Steel

SWIVEL CROSS SECTION



MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
(Standard Swivel)	4 1/2" x 6 1/4"	2 7/16" x 4 15/16" slotted to 3 3/8" x 5 1/4"	1/2"
(Standard Rigid)	5" x 6 1/4"	2 7/16" x 4 15/16" slotted to 3 3/8" x 5 1/4"	1/2"
TPD	5" x 5 1/2"	4 1/8" x 4 1/4"	3/8"
TPW	4 1/2" x 7 1/4"	3 1/4" x 6"	1/2"

Any Size Top Plate, OAH and BHC,s can be made with this kingpinless style caster to meet any job requirement

STAINLESS STEEL FLOOR LOCKS AVAILABLE



6-81KSS 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*
NYLACRON™ (NY) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	6	2-1/2	2500	7-1/2	1-3/8	12	6-81KSS-NY-P-0625-S
	6	3	2500	7-1/2	1-3/8	13	6-81KSS-NY-P-0630-S
	8	2-1/2	2500	10-1/8	2-3/32	15	6-81KSS-NY-P-0825-S
	8	3	2500	10-1/8	2-3/32	16	6-81KSS-NY-P-0830-S
	10	2-1/2	2500	11-1/2	2-1/4	18	6-81KSS-NY-P-1025-S
	10	3	2500	11-1/2	2-1/4	20	6-81KSS-NY-P-1030-S
	12	2-1/2	2500	13-1/2	2-11/16	22	6-81KSS-NY-P-1225-S
	12	3	2500	13-1/2	2-11/16	24	6-81KSS-NY-P-1230-S
SOLID ELASTOMER (SE) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	6	2-1/2	1500	7-1/2	1-3/8	12	6-81KSS-SE-P-0625-S
	8	2-1/2	1650	10-1/8	2-3/32	15	6-81KSS-SE-P-0825-S
	10	2-1/2	1800	11-1/2	1-3/8	12	6-81KSS-SE-P-1025-S
	12	2-1/2	2000	13-1/2	1-3/8	12	6-81KSS-SE-P-1225-S
HIGH TEMP PHENOLIC (TR) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	6	2-1/2	1300	7-1/2	1-3/8	12	6-81KSS-TR-P-0625-S
	6	3	1700	7-1/2	1-3/8	13	6-81KSS-TR-P-0630-S
	8	2-1/2	1600	10-1/8	2-3/32	15	6-81KSS-TR-P-0825-S
	8	3	1900	10-1/8	2-3/32	16	6-81KSS-TR-P-0830-S
	10	2-1/2	2000	11-1/2	2-1/4	18	6-81KSS-TR-P-1025-S
	10	3	2400	11-1/2	2-1/4	20	6-81KSS-TR-P-1030-S
	12	2-1/2	2400	13-1/2	2-11/16	22	6-81KSS-TR-P-1225-S
	12	3	2500	13-1/2	2-11/16	24	6-81KSS-TR-P-1230-S
PHENOLIC (TM) WHEELS WITH STAINLESS STEEL ROLLER BEARINGS							
	6	2-1/2	1600	7-1/2	1-3/8	12	6-81KSS-TM-R-0625-S
	6	3	2000	7-1/2	1-3/8	13	6-81KSS-TM-R-0630-S
	8	2-1/2	2000	10-1/8	2-3/32	15	6-81KSS-TM-R-0825-S
	8	3	2500	10-1/8	2-3/32	16	6-81KSS-TM-R-0830-S
	10	2-1/2	2500	11-1/2	2-1/4	18	6-81KSS-TM-R-1025-S
	10	3	2500	11-1/2	2-1/4	20	6-81KSS-TM-R-1030-S
	12	2-1/2	2500	13-1/2	2-11/16	22	6-81KSS-TM-R-1225-S
	12	3	2500	13-1/2	2-11/16	24	6-81KSS-TM-R-1230-S
LAMINATED TEXTITE (TL) WHEELS WITH STAINLESS STEEL ROLLER BEARINGS							
	6	3	1350	7-1/2	1-3/8	12	6-81KSS-TL-R-0630-S
	8	3	1500	10-1/8	2-3/32	15	6-81KSS-TL-R-0830-S
	10	3	1650	11-1/2	1-3/8	12	6-81KSS-TL-R-1030-S
	12	3	1800	13-1/2	1-3/8	12	6-81KSS-TL-R-1230-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" at the end of the part number.

All Rig Options should be added to the end of the part number.

6-81KHDSS CONSTRUCTION FEATURES

Load Capacity Up to 3000 lbs.

- Fabricated AISI 304 stainless steel top plate and fork base
- Precision CNC machined raceways
- Totally sealed swivel head
- 1/4 in. thick legs robotically welded inside and outside to 2-1/2 in. x 2 in. fork spacing
- 1/2 in. wheel axle
- All materials stainless steel
- Finish is polished bright or bead blasted



TOP PLATE OPTIONS

(Standard)

Top Plate: 4-1/2" x 6-1/4"

Bolt Hole Centers: 2-7/16" x 4-15/16"
slotted to 3-5/8" x 5-1/4"

Attaching Bolt: 1/2"



FCB/SS



DL/SS

TOP PLATE OPTIONS

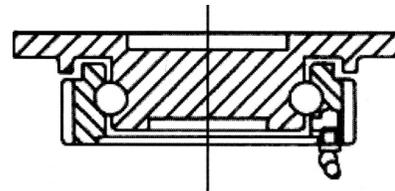
(Standard)

Top Plate: 4-1/2" x 6-1/4"

Bolt Hole Centers: 2-7/16" x 4-15/16"
slotted to 3-5/8" x 5-1/4"

Attaching Bolt: 1/2"

SWIVEL CROSS SECTION



6-81KHDSS STAINLESS STEEL CASTERS with SS PRECISION BALL BEARING WHEELS

Swivel Part Number	Rigid Part Number	Swivel Part Number with Rig Option (FCB/SS)*	Dia. (in)	Width (in)	OAH (in)	Swl. Rad. (in)	Cap. (lb)
FORGED STEEL (FS) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHDSS-FS-P-0630-S	6-81KHDSS-FS-P-0630-R	6-81KHDSS-FS-P-0630-S-FCB/SS	6	3	7-1/2	5-1/2	2500
6-81KHDSS-FS-P-0830-S	6-81KHDSS-FS-P-0830-R	6-81KHDSS-FS-P-0830-S-FCB/SS	8	3	10-1/8	6-1/2	2500
6-81KHDSS-FS-P-1030-S	6-81KHDSS-FS-P-1030-R	6-81KHDSS-FS-P-1030-S-FCB/SS	10	3	11-1/2	7-3/4	2500
6-81KHDSS-FS-P-1230-S	6-81KHDSS-FS-P-1230-R	6-81KHDSS-FS-P-1230-S-FCB/SS	12	3	13-1/2	9-1/4	2500
DUCTILE STEEL (DU) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHDSS-DU-P-0630-S	6-81KHDSS-DU-P-0630-R	6-81KHDSS-DU-P-0630-S-FCB/SS	6	3	7-1/2	3-5/8	2500
6-81KHDSS-DU-P-0830-S	6-81KHDSS-DU-P-0830-R	6-81KHDSS-DU-P-0830-S-FCB/SS	8	3	10-1/8	4-5/8	2500
6-81KHDSS-DU-P-1030-S	6-81KHDSS-DU-P-1030-R	6-81KHDSS-DU-P-1030-S-FCB/SS	10	3	11-1/2	5-1/4	2500
6-81KHDSS-DU-P-1230-S	6-81KHDSS-DU-P-1230-R	6-81KHDSS-DU-P-1230-S-FCB/SS	12	3	13-1/2	6-9/16	2500
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS (ALSO AVAILABLE IN NYLACRON™ MONOCAST NY/MC)							
6-81KHDSS-NY/MD-P-0630-S	6-81KHDSS-NY/MD-P-0630-R	6-81KHDSS-NY/MD-P-0630-S-FCB/SS	6	3	7-1/2	3-5/8	3000
6-81KHDSS-NY/MD-P-0830-S	6-81KHDSS-NY/MD-P-0830-R	6-81KHDSS-NY/MD-P-0830-S-FCB/SS	8	3	10-1/8	4-5/8	3000
6-81KHDSS-NY/MD-P-1030-S	6-81KHDSS-NY/MD-P-1030-R	6-81KHDSS-NY/MD-P-1030-S-FCB/SS	10	3	11-1/2	5-1/4	3000
6-81KHDSS-NY/MD-P-1230-S	6-81KHDSS-NY/MD-P-1230-R	6-81KHDSS-NY/MD-P-1230-S-FCB/SS	12	3	13-1/2	6-9/16	3000
SOLID ELASTOMER (SE) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHDSS-SE-P-0630-S	6-81KHDSS-SE-P-0630-R	6-81KHDSS-SE-P-0630-S-FCB/SS	6	3	7-1/2	3-5/8	2500
6-81KHDSS-SE-P-0830-S	6-81KHDSS-SE-P-0830-R	6-81KHDSS-SE-P-0830-S-FCB/SS	8	3	10-1/8	4-5/8	2500
6-81KHDSS-SE-P-1030-S	6-81KHDSS-SE-P-1030-R	6-81KHDSS-SE-P-1030-S-FCB/SS	10	3	11-1/2	5-1/4	2500
6-81KHDSS-SE-P-1230-S	6-81KHDSS-SE-P-1230-R	6-81KHDSS-SE-P-1230-S-FCB/SS	12	3	13-1/2	6-9/16	2500
URETHANE / HEAVY DUTY / CAST IRON CORE (UR/HD/CA) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHDSS-UR/HD/CA-P-0630-S	6-81KHDSS-UR/HD/CA-P-0630-R	6-81KHDSS-UR/HD/CA-P-0630-S-FCB/SS	6	3	7-1/2	3-5/8	2300
6-81KHDSS-UR/HD/CA-P-0830-S	6-81KHDSS-UR/HD/CA-P-0830-R	6-81KHDSS-UR/HD/CA-P-0830-S-FCB/SS	8	3	10-1/8	4-5/8	2500
6-81KHDSS-UR/HD/CA-P-1030-S	6-81KHDSS-UR/HD/CA-P-1030-R	6-81KHDSS-UR/HD/CA-P-1030-S-FCB/SS	10	3	11-1/2	5-1/4	2500
6-81KHDSS-UR/HD/CA-P-1230-S	6-81KHDSS-UR/HD/CA-P-1230-R	6-81KHDSS-UR/HD/CA-P-1230-S-FCB/SS	12	3	13-1/2	6-9/16	2500
URETHANE / CAST IRON CORE / DONUT TREAD (UR/CA/DT) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHDSS-UR/CA/DT-P-0630-S	6-81KHDSS-UR/CA/DT-P-0630-R	6-81KHDSS-UR/CA/DT-P-0630-S-FCB/SS	6	3	7-1/2	3-5/8	1875
6-81KHDSS-UR/CA/DT-P-0830-S	6-81KHDSS-UR/CA/DT-P-0830-R	6-81KHDSS-UR/CA/DT-P-0830-S-FCB/SS	8	3	10-1/8	4-5/8	2400
6-81KHDSS-UR/CA/DT-P-1030-S	6-81KHDSS-UR/CA/DT-P-1030-R	6-81KHDSS-UR/CA/DT-P-1030-S-FCB/SS	10	3	11-1/2	5-1/4	2500
6-81KHDSS-UR/CA/DT-P-1230-S	6-81KHDSS-UR/CA/DT-P-1230-R	6-81KHDSS-UR/CA/DT-P-1230-S-FCB/SS	12	3	13-1/2	6-9/16	2500
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHDSS-PY/CA-P-0630-S	6-81KHDSS-PY/CA-P-0630-R	6-81KHDSS-PY/CA-P-0630-S-FCB/SS	6	3	7-1/2	3-5/8	2100
6-81KHDSS-PY/CA-P-0830-S	6-81KHDSS-PY/CA-P-0830-R	6-81KHDSS-PY/CA-P-0830-S-FCB/SS	8	3	10-1/8	4-5/8	2500
6-81KHDSS-PY/CA-P-1030-S	6-81KHDSS-PY/CA-P-1030-R	6-81KHDSS-PY/CA-P-1030-S-FCB/SS	10	3	11-1/2	5-1/4	2500
6-81KHDSS-PY/CA-P-1230-S	6-81KHDSS-PY/CA-P-1230-R	6-81KHDSS-PY/CA-P-1230-S-FCB/SS	12	3	13-1/2	6-9/16	2500
ELASTIC RUBBER / CAST IRON CORE (ER/CA) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHDSS-ER/CA-P-0630-S	6-81KHDSS-ER/CA-P-0630-R	6-81KHDSS-ER/CA-P-0630-S-FCB/SS	6	3	7-1/2	3-5/8	950
6-81KHDSS-ER/CA-P-0830-S	6-81KHDSS-ER/CA-P-0830-R	6-81KHDSS-ER/CA-P-0830-S-FCB/SS	8	3	10-1/8	4-5/8	1200
6-81KHDSS-ER/CA-P-1030-S	6-81KHDSS-ER/CA-P-1030-R	6-81KHDSS-ER/CA-P-1030-S-FCB/SS	10	3	11-1/2	5-1/4	1650
6-81KHDSS-ER/CA-P-1230-S	6-81KHDSS-ER/CA-P-1230-R	6-81KHDSS-ER/CA-P-1230-S-FCB/SS	12	3	13-1/2	6-9/16	1850

*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" at the end of the part number.

All Rig Options should be added to the end of the part number.