

Caster Type**Page**

9K Kingpinless Casters.....2-5

9KDW Dual Wheel Kingpinless Casters.....6-7

ALL WHEELS ARE AVAILABLE WITH
PRECISION BALL BEARING, CENTERPIECE & END CAPS
FOR MANUAL OR TOWING TO FIT IN 3-1/2" HUB LENGTH RIGS.
See Wheel Section for complete selection.



15,000 LBS. LOAD CAPACITY KINGPINLESS TYPE CASTERS

- **Top Plate:** 1/2" thick AISI 1045 steel one-piece forging precision machined for longer life.
- **Swivel Section:** 3/4" ball bearings mounted in a 7" diameter precision machined raceway. Zerk in swivel section.
- **Legs:** 1/2" thick steel welded to yoke base using 100,000 psi weld filler.
- **Axle:** 1-1/4" diameter.
- Alternate or custom caster configurations available.

BRAKE OPTIONS



Poly Cam
specify **P**



Face Contact
specify **F**



**Hand Operated
Swivel Lock**
specify **SL7000000**



**TOE GUARDS
AVAILABLE
TO**

These super duty casters are built specifically for that severe application where reliability is essential.

TYPICAL APPLICATIONS

- Aircraft engine stands
- Ground support equipment
- Aerospace A-frame skin dollies
- Portable jigs
- Tooling fixtures
- Die carts
- Large platform work

TOP PLATE: (STANDARD)

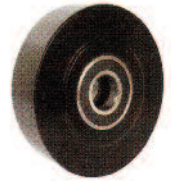
Plate Size: 8-1/2" x 8-1/2"

Bolt Size: 5/8"

NYLACRON™ CAST NYLON PRECISION BALL BEARINGS NY/MD

- Precision Machined from Cast Polyamide. Hardness 112-120 Rockwell R.
- Ultimate choice for Extremely High Load applications to replace metallic wheels.
- Offer very high abrasion resistance and very low rolling resistance under extreme loads.

- Resistant to salt, grease, alcohol and mild acids - can be used in corrosive applications with appropriate bearings.
- Large Precision Ball Bearings.
- Temperature Range: -40°F to +270°F.



Part Number Swivel Caster	Part Number Rigid Caster	Wheel Diameter (inch)	Tread Width (inch)	Load Capacity (lbs)	Overall Height (inch)	Swivel Lead (inch)
9KS84NYMD	9KR84NYMD	8	4	14000	10-1/2	2-15/16
9KS104NYMD	9KR104NYMD	10	4	15000	12-1/2	3-3/8

POLYURETHANE ON CAST IRON ROLLER BEARING PY

- Tapered or Straight Roller Bearing available add T or R to suffix.
- See wheel section for additional durometers.



Part Number Swivel Caster	Part Number Rigid Caster	Wheel Diameter (inch)	Tread Width (inch)	Load Capacity (lbs)	Overall Height (inch)	Swivel Lead (inch)
9KS84PY	9KR84PY	8	4	3500	11	2-1/4
9KS104PY	9KR104PY	10	4	4200	13	2-1/2
9KS105PY	9KR105PY	10	5	5000	13	2-1/2
9KS124PY	9KR124PY	12	4	4800	15-1/2	3-1/4
9KS125PY	9KR125PY	12	5	6000	15-1/2	3-1/4
9KS164PY	9KR164PY	16	4	5970	19	4-1/2
9KS165PY	9KR165PY	16	5	7700	19	4-1/2

THICK TREAD POLYURETHANE ROLLER BEARING PX

- Tapered or Straight Roller Bearing available add T or R to suffix.
- See wheel section for additional durometers.



Part Number Swivel Caster	Part Number Rigid Caster	Wheel Diameter (inch)	Tread Width (inch)	Load Capacity (lbs)	Overall Height (inch)	Swivel Lead (inch)
9KS84PX	9KR84PX	8	4	3500	11	2-1/4
9KS104PX	9KR104PX	10	4	4200	13	2-1/2
9KS105PX	9KR105PX	10	5	5000	13	2-1/2
9KS124PX	9KR124PX	12	4	4800	15-1/2	3-1/4
9KS125PX	9KR125PX	12	5	6000	15-1/2	3-1/4
9KS164PX	9KR164PX	16	4	5970	19	4-1/2
9KS165PX	9KR165PX	16	5	7700	19	4-1/2

**V-GROOVED DROP FORGED
ROLLER BEARING
TAPERED ROLLER BEARING**

VF

Part Number Swivel Caster	Part Number Rigid Caster	Wheel Diameter (inch)	Tread Width (inch)	Load Capacity (lbs)	Overall Height (inch)	Swivel Lead (inch)
9KS84VF	9KR84VF	8	4	10000	11	2-1/4
9KS104VF	9KR104VF	10	4	8350	13	2-1/2



**V-GROOVED
HEAVY DUTY DROP FORGED STEEL
ROLLER BEARING**

VH

Part Number Swivel Caster	Part Number Rigid Caster	Wheel Diameter (inch)	Tread Width (inch)	Load Capacity (lbs)	Overall Height (inch)	Swivel Lead (inch)
9KS84VH	9KR84VH	8	4	15000	11	2-1/4
9KS104VH	9KR104VH	10	4	15000	13	2-1/2



**DROP FORGED STEEL
ROLLER BEARING**

FS

- Tapered Roller Bearing available.

Part Number Swivel Caster	Part Number Rigid Caster	Wheel Diameter (inch)	Tread Width (inch)	Load Capacity (lbs)	Overall Height (inch)	Swivel Lead (inch)
9KS84FS	9KR84FS	8	4	8350	11	2-1/4
9KS104FS	9KR104FS	10	4	8350	13	2-1/2



**HEAVY DUTY
LARGE BORE
DROP FORGED STEEL
ROLLER BEARING**

FH

- Straight Roller Bearing available.

Part Number Swivel Caster	Part Number Rigid Caster	Wheel Diameter (inch)	Tread Width (inch)	Load Capacity (lbs)	Overall Height (inch)	Swivel Lead (inch)
9KS84FH	9KR84FH	8	4	20000	11	2-1/4
9KS104FH	9KR104FH	10	4	20000	13	2-1/2





20,000 LBS. LOAD CAPACITY KINGPINLESS TYPE CASTERS

- **Raceway Design:** Patented Kingpinless 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.
- **Yoke Base:** Harden C1040 steel.
- **Legs:** 3/8" formed steel. Center leg support is added for increased strength.
- **Wheels:** All wheels are 3 and 4" wide with precision bearings for minimal maintenance.
- **Axle:** 3/4" and 1" bolt, locking nut and lubrication fittings.
- Alternate or custom caster configurations available.

TOP PLATE: (STANDARD)

Plate Size: 6-1/4" x 7-1/2"

Bolt Holes: 4-1/2" x 6"
slotted to
4-1/8" x 6-1/8"

Bolt Size: 1/2"

BRAKE OPTIONS

CWB Cam Wheel Brake

SWIVEL RIG OPTIONS

HT High Temperature Lubrication

LT Low Temperature Lubrication

DSL Demountable Swivel Lock

SL Swivel Lock

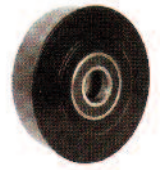
SR Sealed Swivel Raceway

TG Thread Guard

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.

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- Offer very high abrasion resistance and very low rolling resistance under extreme loads.
- Resistant to salt, grease, alcohol and mild acids - can be used in corrosive applications with appropriate bearings.
- Large Precision Ball Bearings.
- Temperature Range: -40°F to +270°F.



Part Number Swivel Caster	Part Number Rigid Caster	Wheel Diameter (inch)	Tread Width (inch)	Load Capacity (lbs)	Overall Height (inch)	Swivel Part Number Add B, P, PL, R or T*	
						Swivel Lead (inch)	Wt. (lbs)
9KDWS63NYMD	9KDWR63NYMD	6	3	20,000	8-3/4	1-9/16	32
9KDWS83NYMD	9KDWR83NYMD	8	3	20,000	10-3/4	2-1/16	35
9KDWS1030NYMD	9KDWR1030NYMD	10	3	20,000	12-3/4	2-9/16	40
9KDWS1230NYMD	9KDWR1230NYMD	12	3	20,000	15-1/2	3-7/16	42
9KDWS84NYMD	9KDWR84NYMD	8	4	20,000	10-3/4	2-1/16	42
9KDWS1040NYMD	9KDWR1040NYMD	10	4	20,000	12-3/4	2-9/16	44
9KDWS1020NYMD	9KDWR1020NYMD	12	4	20,000	15-1/2	3-7/16	52
9KDWS1440NYMD	9KDWR1440NYMD	14	4	20,000	18	3-7/8	56
9KDWS164063NYMD	9KDWR164063NYMD	16	4	20,000	19	4-1/8	70



Nylacron™ Wheels

With Precision Ball Bearings for Any Application
(also available in black, blue, white & red)

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.

**SEE NYLACRON™ WHEEL SECTION
FOR CUSTOM SIZES & SHAPES.**