

02

Institutional Casters

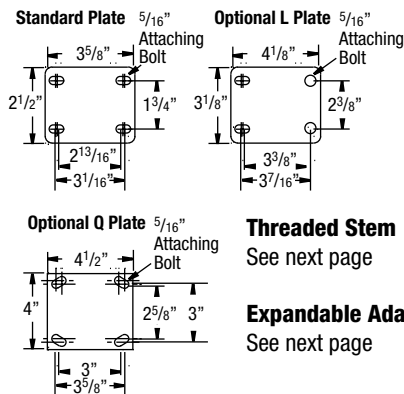


Easy rolling, double ball bearing casters are ideally suited for virtually any operation where a smooth rolling, highly maneuverable, economical caster is required. Heat treated design delivers extended life and performance.

TYPICAL APPLICATIONS

- Hotel equipment
- Institutional equipment
- Food service racks and cases
- Stock carts
- Laundry trucks

MOUNTING OPTIONS



Threaded Stem
See next page

Expandable Adapter
See next page

RIG OPTIONS

- **Sealed wheel** (1/2" straight roller bearing with 1-1/16" bore) specify **SW02**
- **Sealed swivel** specify **SS01**
- Special **zerk fitting** for axle specify **ZF03**
- **"NSF"** listed for food industry consult factory.
- **Hollow kingpin** swivel rig available specify **YH** in place of wheel code (02YH03001S)

BRAKE OPTIONS (Swivel Only)

Grip Lock specify **GL**



Face Contact specify **F**



Total Lock specify **T**

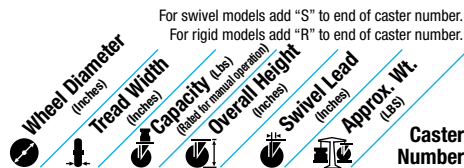


BEARING OPTIONS



For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Plate Models



Soft Rubber (01 Straight Roller Bearing)*

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
3	1 1/4	125	4 1/4	1 5/16	1.75	02RR03001
3 1/2	1 1/4	150	4 11/16	1 1/4	1.75	02RR03X01
4	1 1/4	150	5 1/8	1 1/4	2.25	02RR04001
5	1 1/4	175	6 3/16	1 1/2	2.75	02RR05001

*Oilex (23) bearing available. Change "01" to "23"
(Example: 02RR03023).

Hard Rubber (41 Plain Bore)

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
3	1 1/4	300	4 1/4	1 5/16	2.00	02RN03041
3 1/2	1 1/4	350	4 11/16	1 1/4	2.00	02RN03X41
4	1 1/4	350	5 1/8	1 1/4	2.25	02RN04041
5	1 1/4	350	6 3/16	1 1/2	2.75	02RN05041
6	1 1/4	350	7 1/4	1 1/2	3.25	02RN06041

X-tra Soft Rubber Flat Tread (31 Annular Ball)*

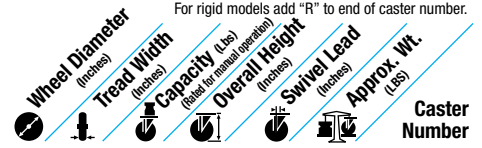
Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
3	1 1/4	200	4 1/4	1 5/16	1.75	02XS03031
3 1/2	1 1/4	250	4 11/16	1 1/4	1.85	02XS03X31
4	1 1/4	300	5 1/8	1 1/4	2.00	02XS04031
5	1 1/4	325	6 3/16	1 1/2	2.25	02XS05031
6	1 1/4	350	7 1/4	1 1/2	2.40	02XS06031

*Delrin (51) bearing available. Change "31" to "51"
(Example: 02XS03051).

Prevenz™ antimicrobial models available. Add PREV to end of caster number.

FEATURES

- **Top Plate & Yoke:** Heavily embossed, formed steel to extend caster life under rugged conditions
- **Swivel Section:** Heat treated double ball bearing raceways to resist wear and improve maneuverability
- **Kingpin:** 1/2" hydraulically formed steel rivet
- **Axle:** 3/8" diameter hollow axle with lock nut
- **Finish:** All rigs are zinc plated to resist rust and corrosion.
- **Hardened Inner Race:** Hardened spanner bushing forms inner race for straight roller or Oilex bearing wheels.
- **NSF** Listed for food service industry, consult factory.
- Alternate or custom caster configurations available



Precision X-tra Soft Round Tread (28 Precision Ball Bearing) NEW PRODUCT!

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
3	1 1/4	200	4 1/4	1 5/16	1.75	02XR03028
3 1/2	1 1/4	250	4 11/16	1 1/4	1.85	02XR03X28
4	1 1/4	300	5 1/8	1 1/4	2.00	02XR04028
5	1 1/4	325	6 3/16	1 1/2	2.25	02XR05028

XR

Polypropylene (41 Plain Bore)*

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
3	1 1/4	250	4 1/4	1 5/16	1.75	02PB03041
4	1 1/4	350	5 1/8	1 1/4	2.00	02PB04041
5	1 1/4	350	6 3/16	1 1/2	2.25	02PB05041



*Delrin (51) bearing available. Change "41" to "51"
(Example: 02PB03051).

PB

Polyurethane on Polypropylene (28 Precision Ball Bearing)*

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
3	1 1/4	300	4 1/4	1 5/16	1.50	02XA03028
3 1/2	1 1/4	350	4 11/16	1 1/4	1.50	02XA03X28
4	1 1/4	350	5 1/8	1 1/4	2.25	02XA04028
5	1 1/4	350	6 3/16	1 1/2	2.75	02XA05028

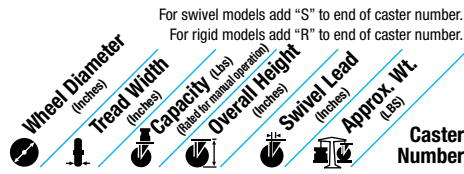
*Annular (31) and Delrin (51) bearing available.
Change "28" to "31 or 51" (Example: 02XA030331).

XA

Prevenz™ antimicrobial models available. Add PREV to end of caster number.

Plate Models

from previous page



Phenolic (01 Straight Roller Bearing)*

	3	1 1/4	350	4 1/4	1 5/16	1.50	02TM03001
	3 1/2	1 1/4	350	4 11/16	1 1/4	2.00	02TM03X01
	4	1 1/4	350	5 1/8	1 1/4	2.00	02TM04001
	5	1 1/4	350	6 3/16	1 1/2	2.75	02TM05001
	*Oilex (23) and plain bore (41) bearing available. Change "01" to bearing code. (Example for Oilex: 02TM03023 Example for Plain: 02TM03041)						

TM

Cast Iron (Straight Roller Bearing)*

	3	1 1/4	200	4 1/4	1 5/16	2.50	02CA03001
	3 1/2	1 1/4	250	4 11/16	1 1/4	2.50	02CA03X01
	4	1 1/4	300	5 1/8	1 1/4	3.00	02CA04001
	5	1 1/4	325	6 3/16	1 1/2	3.50	02CA05001
	*Plain bore (41) bearing available. Change "01" to bearing code. Example 02CA03041						

CA

Threaded Stem Models

Base caster numbers shown in chart.
To order see stem codes on below.

Soft Rubber (01 Straight Roller Bearing)*

	3	1 1/4	125	4 1/4	1 5/16	1.75	02RR03001
	3 1/2	1 1/4	150	4 11/16	1 1/4	1.75	02RR03X01
	4	1 1/4	150	5 1/8	1 1/4	2.25	02RR04001
	5	1 1/4	175	6 3/16	1 1/2	2.75	02RR05001
	*Oilex (23) bearing available. Change "01" to "23" (Example: 02RR03023).						

RR

Hard Rubber (41 Plain Bearing)

	3	1 1/4	300	4 1/4	1 5/16	2.00	02RN03041
	3 1/2	1 1/4	350	4 11/16	1 1/4	2.00	02RN03X41
	4	1 1/4	350	5 1/8	1 1/4	2.25	02RN04041
	5	1 1/4	350	6 3/16	1 1/2	2.75	02RN05041
	6	1 1/4	350	7 1/4	1 1/2	-	02RN06041

RN

X-tra Soft Rubber Flat Tread (31 Annular Ball)*

	3	1 1/4	200	4 1/4	1 5/16	1.75	02XS03031
	3 1/2	1 1/4	250	4 11/16	1 1/4	1.85	02XS03X31
	4	1 1/4	300	5 1/8	1 1/4	2.00	02XS04031
	5	1 1/4	325	6 3/16	1 1/2	2.25	02XS05031
	6	1 1/4	350	7 1/4	1 1/2	-	02XS06031

XS

*Delrin (51) bearing available. Change "31" to "51"
(Example: 02XS03051).

Prevenz™ antimicrobial models available. Add PREV to end of caster number.

Precision X-tra Soft Round Tread (28 Precision Ball Bearing)*

	3	1 1/4	200	4 1/4	1 5/16	1.75	02XR03028
	3 1/2	1 1/4	250	4 11/16	1 1/4	1.85	02XR03X28
	4	1 1/4	300	5 1/8	1 1/4	2.00	02XR04028
	5	1 1/4	325	6 3/16	1 1/2	2.25	02XR05028

XR

Polypropylene (41 Plain Bearing)*

	3	1 1/4	250	4 1/4	1 5/16	1.75	02PB03041
	4	1 1/4	350	5 1/8	1 1/4	2.00	02PB04041
	5	1 1/4	350	6 3/16	1 1/2	2.25	02PB05041

PB

*Delrin (51) bearing available. Change "41" to "51"
(Example: 02PB03051).

Polyurethane on Polypropylene (31 Annular Ball)*

	3	1 1/4	300	4 1/4	1 5/16	1.50	02XA03031
	3 1/2	1 1/4	350	4 11/16	1 1/4	1.50	02XA03X31
	4	1 1/4	350	5 1/8	1 1/4	2.25	02XA04031
	5	1 1/4	350	6 3/16	1 1/2	2.75	02XA05031

XA

*Delrin (51) bearing available. Change "31" to "51"
(Example: 02XA03051).

Phenolic (01 Straight Roller Bearing)*

	3	1 1/4	350	4 1/4	1 5/16	1.50	02TM03001
	3 1/2	1 1/4	350	4 11/16	1 1/4	2.00	02TM03X01
	4	1 1/4	350	5 1/8	1 1/4	2.00	02TM04001
	5	1 1/4	350	6 3/16	1 1/2	2.75	02TM05001

TM

*Oilex (23) and plain bore (41) bearing available. Change "01" to bearing code. (Example for Oilex: 02TM03023
Example for Plain: 02TM03041)

Cast Iron (01 Straight Roller Bearing)*

	3	1 1/4	200	4 1/4	1 5/16	2.50	02CA03001
	3 1/2	1 1/4	250	4 11/16	1 1/4	2.50	02CA03X01
	4	1 1/4	300	5 1/8	1 1/4	3.00	02CA04001
	5	1 1/4	325	6 3/16	1 1/2	3.50	02CA05001

CA

*Plain bore (41) bearing available. Change "01" to bearing code. Example 02CA03041

Threaded Stem Order Codes (Add to base number above)

Note: Threads are 1/2" Diameter 13 NC

Wheel Diameter (Inches)	Type 1: 1" Long Option Code	Type 2: 1-1/2" Long Option Code	Type 3: 2-1/2" Long For Expandable Adapters Option Code
3	-S32	-S31	-S33
3 1/2	-SX2	-SX1	-SX3
4	-S42	-S41	-S43
5	-S52	-S51	-S53

Prevenz™ Antimicrobial Wheels

These wheels are suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more.
To order add "PREV" to end of caster number.



Expandable Adapter Kits

(Fits any 13 NC threaded stem caster over 2-1/2" long)



Stem Description For Round and Square Tubing

Round and Square Tubing	Kit Number
3/4" to 7/8" (19.1mm to 22.2mm)	SX123200
7/8" to 1" (22.2mm to 25.4mm)	SX143200
1" to 1-1/8" (25.4mm to 28.6mm)	SX163200
1-1/8" to 1-1/4" (28.6mm to 31.8mm)	SX183200
1-1/4" to 1-1/2" (31.8mm to 38.1mm)	SX203200
1-1/2" to 1-3/4" (38.1mm to 44.5mm)	SX243200
1-3/4" to 2" (44.5mm to 50.8mm)	SX283200

Kits come in individual plastic bags and include nut, black rubber expander and white nylon spacer. Kits fit any 1/2" 13 NC threaded stem caster over 2-1/2" long.

To order pre-installed adapters consult factory.

Hollow Kingpin Swivel Rig



Hollow kingpin swivel rig available specify **YH** in place of wheel code (02YH03001S). Hole accommodates 1/2" fittings.

To order complete caster assembly, consult factory.