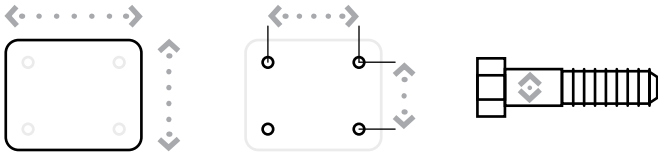


CASTERS PNEUMATIC



MAXIMUM CAPACITY

7,260 lbs.



Top Plate Size	Bolt Hole Spacing	Bolt Diameter
Standard 50: 4" x 5"	2.625" x 3.625" Slotted to 3" x 3"	0.375"
Standard 51: 4" x 5"	2.625" x 3.625" Slotted to 3" x 3"	0.375"
Standard 60: 4.5" x 6.25"	2.438" x 4.93" Slotted to 3.375" x 5.25"	0.5"
Standard 61: 4.5" x 6.25"	2.438" x 4.938" Slotted to 3.375" x 5.25"	0.5"
Standard 70: 5.25" x 7.5"	3.375" x 5.25" Slotted to 4.125" x 6.125"	0.5"
Standard 71: 5" x 7.25"	3.375" x 5.25" Slotted to 4.125" x 6.125"	0.5"
Standard 80: 6" x 7.5"	4.5" x 6"	0.5"
Standard 81: 6.25" x 7.63"	4.5" x 6"	0.5"
Standard 90: 8.5" x 8.5"	7" x 7"	0.625"
Standard 91: 8.5" x 8.5"	7" x 7"	0.625"

FEATURES

The complete line of single or dual-wheel pneumatic casters offers load carrying capacities from 320 pounds to 7,260 pounds. The swivel sections are constructed of C-1045 hot forged steel with double row ball bearing swivels for long service life. The 80 Series and larger casters have tapered thrust bearings in the swivel. The legs are continuously welded both inside and outside for added strength. Standard: Wheels 16" and larger are supplied with high-speed tapered bearings standard.

APPLICATIONS

Excellent shock absorbing benefits make these casters ideal for uneven floors and indoor and outdoor rough terrain. They are ideal on aircraft ground support equipment, helicopter dollies, roof maintenance equipment, mobile construction shelters, and other equipment carrying electronics or other highly sensitive materials.

BENEFITS

These casters offer the greatest possible protection to both loads and floors. The pneumatic tires cushion the load and roll over obstructions with ease. These casters provide longer wheel life, less maintenance and high shock absorbency. The long swivel offset aids in swiveling and tracking in towing applications. When the caster is subjected to towing, tapered bearings are recommended.

OPTIONS

BRAKES

Pneumatic Poly Cam: PP*
Face Contact: F

SWIVEL LOCKS

Factory Installed: L
Demountable: DL
Foot Actuated: KL

SEALED SWIVEL SECTION SSW

TOE GUARD TG

* For single wheel configuration only.

CASTERS PNEUMATIC

STRAIGHT ROLLER BEARING (KINGPIN)

Diameter	Size	Ply Rating	Capacity	OAH	Swivel Radius	Swivel Lead	Series	Part Number	Weight
8	2.80/4	4	295	11.00	6.79	2.63	50	50-08301-76-1	13.00
10	4.10/4	4	352	13.00	8.43	3.25	50	50-10351-76-1	15.00
12	4.10/6	4	675	15.50	9.71	3.50	50	50-12401-76-1	18.00
8	2.80/4	4	590	11.00		2.63	50	52-08301-76-1	20.00
10	4.10/4	4	704	13.00		3.25	50	52-10351-76-1	22.50
12	4.10/6	4	1,350	15.50		3.50	50	52-12401-76-1	33.00
8	2.80/4	4	295	11.00	6.79	2.63	60	60-08301-76-1	13.00
10	4.10/4	4	352	13.00	8.43	3.25	60	60-10351-76-1	15.00
12	4.10/6	4	675	15.50	9.71	3.50	60	60-12401-76-1	18.00
8	2.80/4	4	590	11.00		2.63	60	62-08301-76-1	20.00
10	4.10/4	4	704	13.00		3.25	60	62-10351-76-1	22.50
12	4.10/6	4	1,350	15.50		3.50	60	62-12401-76-1	30.00
14	5.30/6	4	710	17.75	11.23	4.00	70	70-14451-76-1	31.00
12	4.10/6	4	1,350	15.50		4.00	70	72-12401-76-1	36.00
14	5.30/6	4	1,420	17.75		4.00	70	72-14451-76-1	45.00

STRAIGHT ROLLER BEARING (KINGPINLESS)

Diameter	Size	Ply Rating	Capacity	OAH	Swivel Radius	Swivel Lead	Series	Part Number	Weight
8	2.80/4	4	295	11.00	6.79	2.63	51	51-08301-76-1	13.00
10	4.10/4	4	352	13.00	8.43	3.25	51	51-10351-76-1	15.00
12	4.10/6	4	675	15.50	9.71	3.50	51	51-12401-76-1	18.00
8	2.80/4	4	590	11.00		2.63	51	2-51-08301-76-1	20.00
10	4.10/4	4	704	13.00		3.25	51	2-51-10351-76-1	22.50
12	4.10/6	4	1,350	15.50		3.50	51	2-51-12401-76-1	33.00
8	2.80/4	4	295	11.00	6.79	2.63	61	61-08301-76-1	13.00
10	4.10/4	4	352	13.00	8.43	3.25	61	61-10351-76-1	15.00
12	4.10/6	4	675	15.50	9.71	3.50	61	61-12401-76-1	18.00
8	2.80/4	4	590	11.00		2.63	61	2-61-08301-76-1	20.00
10	4.10/4	4	704	13.00		3.25	61	2-61-10351-76-1	22.50
12	4.10/6	4	1,350	15.50		3.50	61	2-61-12401-76-1	30.00

CONTINUED

All dimensions are in inches. All weights are in pounds.

CASTERS PNEUMATIC

STRAIGHT ROLLER BEARING (KINGPINLESS)

Diameter	Size	Ply Rating	Capacity	OAH	Swivel Radius	Swivel Lead	Series	Part Number	Weight
14	5.30/6	4	710	17.75	11.23	4.00	71	71-14451-76-1	31.00
12	4.10/6	4	1,350	15.50		4.00	71	2-71-12401-76-1	36.00
14	5.30/6	4	1,420	17.75		4.00	71	2-71-14451-76-1	45.00

PRECISION TAPERED BEARING (KINGPIN)

Diameter	Size	Ply Rating	Capacity	OAH	Swivel Radius	Swivel Lead	Series	Part Number	Weight
16	4.80/8	6	1,230	19.13	12.73	4.50	70	70-16609-76-1	37.00
16	4.80/8	6	2,460	19.13		4.50	70	72-16609-76-1	55.00
16	4.80/8	6	1,230	19.13	12.24	12.24	80	80-16609-76-1	45.00
18	5.70/8	6	1,560	21.50	13.83	13.83	80	80-18609-76-1	55.00
18	5.70/8	8	1,655	21.50	13.83	13.83	80	80-18609-77-1	56.00
16	4.80/8	6	2,460	19.13		4.50	80	82-16609-76-1	71.00
18	5.70/8	6	3,120	21.50		4.50	80	82-18609-76-1	82.00
18	5.70/8	8	3,310	21.50		4.50	80	82-18609-77-1	84.00
21	6.90/9	10	2,420	24.25	15.88	5.00	90	90-21609-76-1	80.00
23	6.50/10	10	2,775	26.25	16.82	5.00	90	90-23609-76-1	87.00
25	7.50/10	10	3,630	28.75	17.90	5.00	90	90-25609-76-1	90.00
21	6.90/9	10	4,840	24.25		5.00	90	92-21609-76-1	130.00
23	6.50/10	10	5,550	26.25		5.00	90	92-23609-76-1	135.00
25	7.50/10	10	7,260	28.75		5.00	90	92-25609-76-1	142.00

PRECISION TAPERED BEARING (KINGPINLESS)

Diameter	Size	Ply Rating	Capacity	OAH	Swivel Radius	Swivel Lead	Series	Part Number	Weight
16	4.80/8	6	1,230	19.13	12.73	4.50	71	71-16609-76-1	37.00
16	4.80/8	6	2,460	19.13		4.50	71	2-71-16609-76-1	55.00
16	4.80/8	6	1,230	19.13	12.24	4.00	81	81-16609-76-1	45.00
18	5.70/8	6	1,560	21.50	13.83	4.50	81	81-18609-76-1	56.00
18	5.70/8	8	1,655	21.50	13.83	4.50	81	81-18609-77-1	56.00
16	4.80/8	6	2,460	19.13		4.50	81	2-81-16609-76-1	71.00
18	5.70/8	6	3,120	21.50		4.50	81	2-81-18609-76-1	82.00
18	5.70/8	8	3,310	21.50		4.50	81	2-81-18609-77-1	84.00
21	6.90/9	10	2,420	24.25	15.88	5.00	91	91-21609-76-1	80.00
23	6.50/10	10	2,775	26.25	16.82	5.00	91	91-23609-76-1	87.00
25	7.50/10	10	3,630	28.75	17.90	5.00	91	91-25609-76-1	90.00
21	6.90/9	10	4,840	24.25		5.00	91	2-91-21609-76-1	130.00
23	6.50/10	10	5,550	26.25		5.00	91	2-91-23609-76-1	135.00
25	7.50/10	10	7,260	28.75		5.00	91	2-91-25609-76-1	142.00

CONTINUED

CASTERS

SEMI-PNEUMATIC

PRECISION TAPERED BEARING (KINGPIN)

Diameter	Size	Capacity	OAH	Swivel Radius	Swivel Lead	Series	Part Number	Weight
12	200 x 8	1,200	15.50		3.50	50	50-12409-78-1	
12	200 x 8	2,400	15.50		3.50	50	52-12409-78-1	
12	200 x 8	1,200	15.50		3.50	60	60-12409-78-1	
12	200 x 8	2,400	15.50		3.50	60	62-12409-78-1	
14	300 x 8	1,500	17.75		4.00	70	70-14409-78-1	
16	400 x 8	2,900	19.13		4.50	70	70-16509-78-1	
12	200 x 8	2,400	15.50		4.00	70	72-12409-78-1	
14	300 x 8	3,000	17.75		4.00	70	72-14409-78-1	
16	400 x 8	2,900	19.13		4.50	70	72-16509-78-1	
16	400 x 8	2,900	19.13		4.00	80	80-16509-78-1	
18	500 x 8	3,300	21.50		4.50	80	80-18509-78-1	
16	400 x 8	5,000	19.13		4.50	80	82-16509-78-1	
18	500 x 8	5,000	21.50		4.50	80	82-18509-78-1	
16	400 x 8	2,900	19.00	15.88	5.00	90	90-16509-78-1	
18	500 x 8	3,300	21.00	16.82	5.00	90	90-18509-78-1	
16	400 x 8	5,800	19.00			90	92-16509-78-1	
18	500 x 8	6,600	21.00			90	92-18509-78-1	

PRECISION TAPERED BEARING (KINGPINLESS)

Diameter	Size	Capacity	OAH	Swivel Radius	Swivel Lead	Series	Part Number	Weight
12	200 x 8	1,200	15.50		3.50	51	51-12409-78-1	
12	200 x 8	2,400	15.50		3.50	51	2-51-12409-78-1	
12	200 x 8	1,200	15.50	9.71	3.50	61	61-12409-78-1	
12	200 x 8	2,400	15.50		3.50	61	2-61-12409-78-1	
14	300 x 8	1,500	17.75	11.23	4.00	71	71-14409-78-1	
16	400 x 8	2,900	19.13	11.23	4.50	71	71-16509-78-1	
12	200 x 8	2,400	15.50		4.00	71	2-71-12409-78-1	
14	300 x 8	3,000	17.75		4.00	71	2-71-14409-78-1	
16	400 x 8	3,500	19.13		4.50	71	2-71-16509-78-1	
16	400 x 8	2,900	19.13	13.83	4.00	81	81-16509-78-1	
18	500 x 8	3,300	21.50	13.83	4.50	81	81-18509-78-1	
16	400 x 8	5,800	19.13		4.50	81	2-81-16509-78-1	
18	500 x 8	6,600	21.50		4.50	81	2-81-18509-78-1	

CONTINUED

All dimensions are in inches. All weights are in pounds.

CASTERS

SEMI-PNEUMATIC

PRECISION TAPERED BEARING (KINGPINLESS)

Diameter	Size	Capacity	OAH	Swivel Radius	Swivel Lead	Series	Part Number	Weight
16	400 x 8	2,900	19.00	15.88	5.00	90	<u>91-16509-78-1</u>	
18	500 x 8	3,300	21.00	17.90	5.00	90	<u>91-18509-78-1</u>	
16	400 x 8	5,800	19.75	13.21	4.00	91	<u>2-91-16509-78-1</u>	

All dimensions are in inches. All weights are in pounds.