



FEATURES

The complete line of single or dual-wheel pneumatic casters offers load carrying capacities from 320 pounds to 7,260. 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.

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

- Poly Cam: PPCB-xx
- Face Contact: FCB-xx

Swivel Locks

- Factory Installed: SL-xx
- Demountable: DSL-xx

Sealed Swivel:

Consult Factory

Toe Guard:

TG-xx

xx – Insert series code



65-12401-76-1 with optional PPCB brake

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.



Dual pneumatic casters supporting an aircraft wing dolly.



CASTER CONCEPTS

PNEUMATIC WHEEL CASTERS

7,260 maximum capacity
LBS

PNEUMATIC WHEEL CASTERS 7,260 lbs maximum capacity

WHEEL			CAPACITY			PART NUMBER		
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	Dia.	Size	Ply Rating	Roller Bearing	OAH	Swivel Lead	Straight Roller	Series	Wt.
	8	2.80/4	4	320	11.00	2.63	30-08301-76-1	30	13.0
	8	2.80/4	4	320	11.00	2.63	50-08301-76-1	50	13.0
	8	2.80/4	4	320	11.00	2.63	60-08301-76-1	60	13.0
	10	4.00/4	4	530	13.00	3.25	30-10351-76-1	30	15.0
	10	4.00/4	4	530	13.00	3.25	50-10351-76-1	50	15.0
	10	4.00/4	4	530	13.00	3.25	60-10351-76-1	60	15.0
	12	4.10/6	4	675	15.50	3.50	30-12401-76-1	30	18.0
	12	4.10/6	4	675	15.50	3.50	50-12401-76-1	50	18.0
	12	4.10/6	4	675	15.50	3.50	60-12401-76-1	60	18.0
	14	5.30/6	4	710	17.75	4.00	70-14451-76-1	70	31.0

DELUXE TYPE WITH TAPERED ROLLER WHEEL BEARINGS

16	4.80/8	6	1230	19.13	4.50	70-16609-76-1	70	37.0
16	4.80/8	6	1230	19.13	4.00	80-16609-76-1	80	45.0
18	5.70/8	6	1560	21.50	4.50	80-18609-76-1	80	55.0
18	5.70/8	8	1655	21.50	4.50	80-18609-77-1	80	56.0
21	6.90/9	10	2420	24.25	5.00	90-21609-76-1	90	80.0
23	6.50/10	10	2775	26.25	5.00	90-23609-76-1	90	87.0
25	7.50/10	10	3630	28.75	5.00	90-25609-76-1	90	90.0

DUAL WHEEL PNEUMATIC CASTERS

8	2.80/4	4	640	11.00	2.63	32-08301-76-1	30	20.0
8	2.80/4	4	640	11.00	2.63	52-08301-76-1	50	20.0
8	2.80/4	4	640	11.00	2.63	62-08301-76-1	60	20.0
10	4.10/4	4	1060	13.00	3.25	32-10351-76-1	30	22.5
10	4.10/4	4	1060	13.00	3.25	52-10351-76-1	50	22.5
10	4.10/4	4	1060	13.00	3.25	62-10351-76-1	60	22.5
12	4.10/6	4	1350	15.50	3.50	32-12401-76-1	30	30.0
12	4.10/6	4	1350	15.50	3.50	52-12401-76-1	50	33.0
12	4.10/6	4	1350	15.50	3.50	62-12401-76-1	60	30.0
12	4.10/6	4	1350	15.50	4.00	72-12401-76-1	70	36.0
14	5.30/6	4	1420	17.75	4.00	72-14451-76-1	70	45.0

DUAL WHEEL DELUXE TYPE WITH TAPERED ROLLER WHEEL BEARINGS

16	4.80/8	6	2460	19.13	4.50	72-16609-76-1	70	55.0
16	4.80/8	6	2460	19.13	4.50	82-16609-76-1	80	71.0
18	5.70/8	6	3120	21.50	4.50	82-18609-76-1	80	82.0
18	5.70-8	8	3310	21.50	4.50	82-18609-77-1	80	84.0
21	6.90/9	10	4840	24.25	5.00	92-21609-76-1	90	130.0
23	6.50/10	10	5550	26.25	5.00	92-23609-76-1	90	135.0
25	7.50/10	10	7260	28.75	5.00	92-25609-76-1	90	142.0

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

	 Top Plate Size	 Bolt Hole Spacing	 Bolt Diameter
STD 30	4.0 x 4.5	2.625 x 3.625 Slotted to 3.0 x 3.0	0.375
STD 50	4.0 x 5.0	2.625 x 3.625 Slotted to 3.0 x 3.0	0.375
STD 60	4.5 x 6.25	2.438 x 4.938 Slotted to 3.375 x 5.25	0.5
STD 70	5.25 x 7.25	3.375 x 5.25 Slotted to 4.125 x 6.125	0.5
STD 80	6.0 x 7.5	4.5 x 6.0	0.5
STD 90	8.5 x 8.5	7.0 x 7.0	0.625

CASTER CONCEPTS WILL MODIFY ANY CASTER TO MEET CUSTOMER SPECIFICATIONS

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