

PY/PH



Polyurethane on Cast Iron Core



These wheels are composed of a polyurethane elastomer, open cast on clean, close tolerance cores. Polyurethane tread is chemically bonded to a cast iron core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels.

FEATURES

- **Thickness:** 1/2" thick polyurethane tread
- **Wheel Face:** Available in flat or 3° crown
- **Hardness:** 95 Shore A
- **Finish:** Green tread on black core
- **Temperature Range:** -40°F to +180°F

WHEEL OPTIONS

- **80 Shore A** durometer option available (20% capacity reduction) Red-orange tread on light grey core
- **70 Shore D** durometer option available (20% capacity increase) Black tread on black core
- **Note:** Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory
- Tapered bearings or precision ball bearings are recommended for towing applications

Depending on size, cores may be spoked or solid.

70 Shore D Models

Capacity increases 20% for 70 Shore D durometer models (To order, add 70D to end of wheel number)



Ergonomic Option 80 Shore A Models

Capacity decreases 20% for 80 Shore A durometer models (To order, add 80A to end of wheel number)

Wheel Diameter (Inches)	Tread Width (Inches)	95A Capacity (Lbs) (Rated for normal operation)	80A Capacity (Lbs) (Rated for normal operation)	70D Capacity (Lbs) (Rated for normal operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wk. (Lbs)	Wheel Num. Roller Brg. (01,05,07)	Wheel Number Tapered Bearing (09)	Wheel Number Precision Ball (28)
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Polyurethane on Cast Iron Core (PY, PH)

3-1/4	1-5/8	420	330	500	1-5/8	1-3/16	1/2	1	PY0310108		
3-1/4	1-5/8	420	330	500	1-5/8	1-3/16	5/8	1	PY0310110		
3-1/4	1-5/8	420	330	500	1-5/8	1-3/16	3/4	1	PY0310112		
3-1/4	2-3/16	540	430	640	2-3/16	1-3/16	1/2	1-1/4	PY0320108		
3-1/4	2-3/16	540	430	640	2-3/16	1-3/16	5/8	1-1/4	PY0320110		
3-1/4	2-3/16	540	430	640	2-3/16	1-3/16	3/4	1-1/4	PY0320112		
3-1/4	3-1/4	850	680	1020	3-1/4	1-15/16	1	3	PY0350116		
3-1/4	3-1/4	850	680	1020	3-1/4	1-15/16	1-1/4	3	PY0350120		
3-1/4	4-1/4	1100	880	1320	4-1/4	1-15/16	1	3-3/4	PY0370116		
3-1/4	4-1/4	1100	880	1320	4-1/4	1-15/16	1-1/4	3-3/4	PY0370120		
3-1/4	4-1/4	1100	880	1320	4-1/2	1-15/16	3/4	3-3/4		PY0370912	
4	2	750	600	900	2-3/16	1-3/16	1/2		PY0420112		
5	2	1050	840	1250	2-3/16	1-3/16	1/2		PY0520112		
5	2-1/2	1300	1050	1500	2-3/4	1-15/16	1	8	PY0540516		PY0522808~
5	2-1/2	1300	1050	1500	3-1/4	1-15/16	1	8-1/2	PY0540116		
5	2-1/2	1300	1050	1500	3-1/4	1-15/16	1-1/4	8-1/2	PY0540120		
5	3	1500	1220	1750	3-1/4	1-15/16	1	9	PY0550116		
5	3	1500	1220	1750	3-1/4	1-15/16	1-1/4	9	PY0550120		
5	3	1500	1220	1750	3-1/2	1-15/16	3/4	8-1/2		PY0550912	
6	2	1200	960	1440	2-3/16	1-3/16	1/2		PY0620112		PY0622808~^
6	1-1/2	840	670	1000	1-5/8	1-3/16	1/2	4	PY0610108		
6	1-1/2	840	670	1000	1-5/8	1-3/16	5/8	4	PY0610110		
6	1-1/2	840	670	1000	1-5/8	1-3/16	3/4	4	PY0610112		
6	2	1200	960	1440	2-3/16	1-7/16	7/8	6	PH0620114		
6	2	1200	960	1440	2-3/16	1-7/16	1	6	PH0620116		
6	2-1/2	1600	1300	1900	2-3/4	1-3/16	3/4	6-3/4	PY0640712		
6	2-1/2	1600	1300	1900	2-3/4	1-15/16	1	11	PY0640516		
6	2-1/2	1600	1300	1900	3-1/4	1-15/16	1	10-1/2	PY0640116		
6	2-1/2	1600	1300	1900	3-1/4	1-15/16	1-1/4	10-1/2	PY0640120		
6	2-1/2	1600	1300	1900	3-1/2	1-15/16	3/4	10-1/2		PY0640912	
6	3	2000	1600	2350	3-1/4	1-15/16	1	13-3/4	PY0650116		
6	3	2000	1600	2350	3-1/4	1-15/16	1-1/4	13-3/4	PY0650120		
6	3	2000	1600	2350	3-1/2	1-15/16	3/4	13-1/4		PY0650912	
6	3	2000	1600	2350	3-1/2	1.98	1	13-1/4		PY0650916	
8	2	1500	1200	1750	2-3/16	1-3/16	1/2		PY0820112		
8	2-1/2	2000	1600	2400	3-1/4	1-15/16	1	13	PY0840116		PY0822808~
8	2-1/2	2000	1600	2400	3-1/4	1-15/16	1-1/4	13	PY0840120		
8	2-1/2	2000	1600	2400	2-3/4	1-15/16	1	13	PY0840516		
8	2-1/2	2000	1600	2400	2-3/4	1-3/16	3/4	9-3/4	PY0840712		
8	2-1/2	2000	1600	2400	3-1/2	1-15/16	3/4	12-3/4		PY0840912	
8	3	2500	2000	3000	3-1/4	1-15/16	1	16	PY0850116		
8	3	2500	2000	3000	3-1/4	1-15/16	1-1/4	16	PY0850120		
8	3	2500	2000	3000	3-1/2	1-15/16	3/4	15-3/4		PY0850912	
8	3	2500	2000	3000	3-1/2	1.98	1	15-3/4		PY0850916	
8	3	2500	2000	3000	3-1/2	2.33	1-1/4	15-3/4		PY0850920	
8	3	2500	2000	3000	3-1/4	2-7/16	1-1/4	15-1/2	PH0850120		
8	3	2500	2000	3000	3-1/4	2-7/16	1-1/2	15-1/2	PH0850124		
8	4	3800	3000	4300	4-1/4	2-7/16	1-1/4	23-3/4	PY0870120		
8	4	3800	3000	4300	4-1/4	2-7/16	1-1/2	23-3/4	PY0870124		
8	4	3800	3000	4300	4-1/2	2-7/16	1	22-1/2		PY0870916	
8	4	3800	3000	4300	4-1/2	2-7/16	1-1/4	22-1/2		PY0870920	
10	2-1/2	2300	1840	2760	3-1/4	1-15/16	1	17-1/4	PY1040116		
10	2-1/2	2300	1840	2760	3-1/4	1-15/16	1-1/4	17-1/4	PY1040120		
10	2-1/2	2300	1840	2760	2-3/4	1-15/16	1	17-1/2	PY1040516		
10	3	3000	2400	3600	3-1/4	1-15/16	1	20-1/2	PY1050116		
10	3	3000	2400	3600	3-1/4	1-15/16	1-1/4	20-1/2	PY1050120		
10	3	3000	2400	3600	3-1/2	1-15/16	3/4	20		PY1050912	

~ Pedestal Precision Ball (29) bearings also available. To order change "28" to "29". Example: PY0522908

^ Bearing ID is 3/4" for these models with Precision Ball bearings

PY/PH

PY/PH Continued



See previous page for PY/PH description and product details.



Depending on diameter and tread width, cores may be spoked, solid spoked or solid.

Wheel Diameter (Inches)	Tread Width (Inches)	95A Capacity (Lbs) (Rated for manual operation)	80A Capacity (Lbs) (Rated for manual operation)	70D Capacity (Lbs) (Rated for manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wt. (Lbs)	Wheel Num. Roller Brg. (01,05,07)	Wheel Number Tapered Bearing (09)	Wheel Number Precision Ball (28)
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Polyurethane on Cast Iron Core (PY, PH)

Diameter (in)	Tread Width (in)	95A Capacity (lbs)	80A Capacity (lbs)	70D Capacity (lbs)	Hub Length (in)	Bore ID (in)	Bearing ID (in)	Approx. Wt. (lbs)	Wheel Num. Roller Brg.	Wheel Number Tapered Bearing	Wheel Number Precision Ball
10	3	3000	2400	3600	3-1/2	1.98	1	20		PY1050916	
10	3	3000	2400	3600	3-1/2	2.33	1-1/4	20		PY1050920	PY1052812~^
10	3	3000	2400	3600	3-1/4	2-7/16	1-1/4	19-3/4	PH1050120		
10	3	3000	2400	3600	3-1/4	2-7/16	1-1/2	19-3/4	PH1050124		
10	4	4200	3350	5000	4-1/4	2-7/16	1-1/4	30-1/4	PY1070120		
10	4	4200	3350	5000	4-1/4	2-7/16	1-1/2	30-1/4	PY1070124		
10	4	4200	3350	5000	4-1/2	2-7/16	1	29		PY1070916	
10	4	4200	3350	5000	4-1/2	2-7/16	1-1/4	29		PY1070920	
10	5	5000	4000	6000	5-1/4	2-7/16	1-1/4	41-1/4	PY1080120		
10	5	5000	4000	6000	5-1/4	2-7/16	1-1/2	41-1/4	PY1080124		
10	5	5000	4000	6000	5-1/2	2-7/16	1	39-1/4		PY1080916	
10	5	5000	4000	6000	5-1/2	2-7/16	1-1/4	39-1/4		PY1080920	
12	2-1/2	2700	2160	3240	3-1/4	1-15/16	1	22-3/4	PY1240116		
12	2-1/2	2700	2160	3240	3-1/4	1-15/16	1-1/4	22-3/4	PY1240120		
12	2-1/2	2700	2160	3240	2-3/4	1-15/16	1	22	PY1240516		
12	3	3500	2800	4200	3-1/4	1-15/16	1	28-1/4	PY1250116		
12	3	3500	2800	4200	3-1/4	1-15/16	1-1/4	28-1/4	PY1250120		
12	3	3500	2800	4200	3-1/2	1-15/16	3/4	28		PY1250912	
12	3	3500	2800	4200	3-1/2	1.98	1	28		PY1250916	
12	3	3500	2800	4200	3-1/2	2.33	1-1/4	28		PY1250920	
12	3	3500	2800	4200	3-1/4	2-7/16	1-1/4	27-1/2	PH1250120		
12	3	3500	2800	4200	3-1/4	2-7/16	1-1/2	27-1/2	PH1250124		
12	3-1/2	4110	3280	4900	4-1/4	2-7/16	1-1/4	31-1/2	PY1260120		
12	3-1/2	4110	3280	4900	4-1/4	2-7/16	1-1/2	31-1/2	PY1260124		
12	3-1/2	4110	3280	4900	4-1/2	2-7/16	1	30-1/2		PY1260916	
12	3-1/2	4110	3280	4900	4-1/2	2-7/16	1-1/4	30-1/2		PY1260920	
12	4	4800	3840	5760	4-1/4	2-7/16	1-1/4	36-3/4	PY1270120		
12	4	4800	3840	5760	4-1/4	2-7/16	1-1/2	36-3/4	PY1270124		
12	4	4800	3840	5760	4-1/2	2-7/16	1	35-1/2		PY1270916	
12	4	4800	3840	5760	4-1/2	2-7/16	1-1/4	35-1/2		PY1270920	
12	5	6000	4800	7200	5-1/4	2-7/16	1-1/4	48	PY1280120		
12	5	6000	4800	7200	5-1/4	2-7/16	1-1/2	48	PY1280124		
12	5	6000	4800	7200	5-1/2	2-7/16	1	47		PY1280916	
12	5	6000	4800	7200	5-1/2	2-7/16	1-1/4	47		PY1280920	
14	4	5000	4000	6000	4-1/4	2-7/16	1-1/4	48-1/2	PY1470120		
14	4	5000	4000	6000	4-1/4	2-7/16	1-1/2	48-1/2	PY1470124		
14	4	5000	4000	6000	4-1/2	2-7/16	1	47-1/2		PY1470916	
14	4	5000	4000	6000	4-1/2	2-7/16	1-1/4	47-1/2		PY1470920	
16	3	4260	3400	5100	4-1/4	2-7/16	1-1/4	51	PY1650120		
16	3	4260	3400	5100	4-1/4	2-7/16	1-1/2	51	PY1650124		
16	3	4260	3400	5100	4-1/2	2-7/16	1	49-3/4		PY1650916	
16	3	4260	3400	5100	4-1/2	2-7/16	1-1/4	49-3/4		PY1650920	
16	4	5970	4770	7160	5-1/4	2-7/16	1-1/4	65	PY1670120		
16	4	5970	4770	7160	5-1/4	2-7/16	1-1/2	65	PY1670124		
16	4	5970	4770	7160	5-1/4	3-1/16	1-3/4	65	PY1670128		
16	4	5970	4770	7160	5-1/2	2-7/16	1-1/4	63		PY1670920	
16	5	7700	6160	9240	5-1/4	2-7/16	1-1/4	100	PY1680120		
16	5	7700	6160	9240	5-1/4	2-7/16	1-1/2	100	PY1680124		
16	5	7700	6160	9240	5-1/4	3-1/16	1-3/4	100	PY1680128		
16	5	7700	6160	9240	5-1/4	3-1/4	2	100	PY1680132		
16	5	7700	6160	9240	5-1/2	2-7/16	1-1/4	100		PY1680920	
18	3	4600	3680	5520	4-1/4	2-7/16	1-1/4	59	PY1850120		
18	3	4600	3680	5520	4-1/4		1-1/2	59	PY1850124		
18	3	4600	3680	5520	4-1/2	2-7/16	1-1/4	57-3/4		PY1850920	
18	4	6500	5200	7800	5-1/4	2-7/16	1-1/4	83	PY1870120		
18	4	6500	5200	7800	5-1/4		1-1/2	83	PY1870124		
18	4	6500	5200	7800	5-1/2	2-7/16	1-1/4	81-3/4		PY1870920	
18	5	8400	6720	10080	5-1/4	2-7/16	1-1/2	89	PY1880124		
18	5	8400	6720	10080	5-1/4	3-1/16	1-3/4	89	PY1880128		
18	5	8400	6720	10080	5-1/4	3-1/4	2	89	PY1880132		
18	5	8400	6720	10080	5-1/2	2-9/16	1-1/2	87-3/4		PY1880924	