

POLYURETHANE/CAST IRON CORE

POLYURETHANE/CAST IRON PY/PH

Capacity Up to 4200 lbs.



Composed of a polyurethane elastomer, open cast or injection molded, 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

- **Hardness:** 95 Shore A.
- **Wheel Face:** Available in flat or crown tread.
- **Finish:** Green tread on black core.
- **Temperature Range:** -40°F up to +180°F.

Wheel Options

- 80 Shore A durometer option available (15% capacity reduction) Butterscotch tread / black core.
- 70 Shore D durometer option available (20% capacity increase) Black tread / black core.
- Note: Select bearings featured are recommended for standard applications. For special applications and alternate bearings consult Acorn.™

* R=Roller bearing, P=Precision Ball Bearing
T=Tapered Roller Bearing

PY = 1-15/16" Bore ID

PH = 2-7/16" Bore ID

Dia. (inch)	Width (inch)	Capacity (lbs.)	Hub Length (inch)	Bore (inch)	Bearing (inch)	Wt. (lbs.)	Part Number*
6	2	1230	2-3/16	1-7/16	7/8	6	PH62R14
6	2	1230	2-3/16	1-7/16	1	6	PH62R16
6	3	2040	3-1/4	1-15/16	1	13-3/4	PY63R16
6	3	2040	3-1/4	1-15/16	1-1/4	13-3/4	PY63R20
6	3	2040	3-1/2	1-15/16	3/4	13-1/4	PY63T12
6	3	2040	3-1/2	1.98	1	13-1/4	PY63T16
8	3	2520	3-1/4	1-15/16	1	16	PY83R16
8	3	2520	3-1/4	1-15/16	1-1/4	16	PY83R20
8	3	2520	3-1/2	1-15/16	3/4	15-3/4	PY83T12
8	3	2520	3-1/2	1.98	1	15-3/4	PY83T16
8	3	2520	3-1/2	2.33	1-1/4	15-3/4	PY83T20
8	3	2520	3-1/4	2-7/16	1-1/4	15-1/2	PH83R20
8	3	2520	3-1/4	2-7/16	1-1/2	15-1/2	PH83R24
8	4	3500	4-1/4	2-7/16	1-1/4	23-3/4	PY84R20
8	4	3500	4-1/4	2-7/16	1-1/2	23-3/4	PY84R24
8	4	3500	4-1/2	2-7/16	1	22-1/2	PY84T16
8	4	3500	4-1/2	2-7/16	1-1/4	22-1/2	PY84T20
10	3	3000	3-1/4	1-15/16	1	20-1/2	PY1030R16
10	3	3000	3-1/4	1-15/16	1-1/4	20-1/2	PY1030R20
10	3	3000	3-1/2	1-15/16	3/4	20	PY1030T12
10	3	3000	3-1/2	1.98	1	20	PY1030T16
10	3	3000	3-1/2	2.33	1-1/4	20	PY1030T20
10	3	3000	3-1/4	2-7/16	1-1/4	19-3/4	PH1030R20
10	3	3000	3-1/4	2-7/16	1-1/2	19-3/4	PH1030R24
10	4	4200	4-1/4	2-7/16	1-1/4	30-1/4	PY1040R20
10	4	4200	4-1/4	2-7/16	1-1/2	30-1/4	PY1040R24
10	4	4200	4-1/2	2-7/16	1	29	PY1040T16
10	4	4200	4-1/2	2-7/16	1-1/4	29	PY1040T20
10	5	5000	5-1/4	2-7/16	1-1/4	41-1/4	PY1050R20
10	5	5000	5-1/4	2-7/16	1-1/2	41-1/4	PY1050R24
10	5	5000	5-1/2	2-7/16	1	39-1/4	PY1050T16
10	5	5000	5-1/2	2-7/16	1-1/4	39-1/4	PY1050T20
12	3	3420	3-1/4	1-15/16	1	28-1/4	PY1230R16
12	3	3420	3-1/4	1-15/16	1-1/4	28-1/4	PY1230R20
12	3	3420	3-1/2	1-15/16	3/4	28	PY1230T12
12	3	3420	3-1/2	1.98	1	28	PY1230T16
12	3	3420	3-1/2	2.33	1-1/4	28	PY1230T20
12	3	3420	3-1/4	2-7/16	1-1/4	27-1/2	PH1230R20
12	3	3420	3-1/4	2-7/16	1-1/2	27-1/2	PH1230R24
12	4	4800	4-1/4	2-7/16	1-1/4	36-3/4	PY1240R20
12	4	4800	4-1/4	2-7/16	1-1/2	36-3/4	PY1240R24
12	4	4800	4-1/2	2-7/16	1	35-1/2	PY1240T16
12	4	4800	4-1/2	2-7/16	1-1/4	35-1/2	PY1240T20
12	5	6000	5-1/4	2-7/16	1-1/4	48	PY1250R20
12	5	6000	5-1/4	2-7/16	1-1/2	48	PY1250R24
12	5	6000	5-1/2	2-7/16	1	47	PY1250T16
12	5	6000	5-1/2	2-7/16	1-1/4	47	PY1250T20

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POLYURETHANE/CAST IRON CORE

POLYURETHANE/CAST IRON PY/PH

Continued

* R=Roller bearing, P=Precision Ball Bearing
T=Tapered Roller Bearing

Dia. (inch)	Width (inch)	Capacity (lbs)	Hub Length (inch)	Bore (inch)	Bearing (inch)	Wt. (lbs)	Part Number*
14	4	5000	4-1/4	2-7/16	1-1/4	48-1/2	PY1440R20
14	4	5000	4-1/4	2-7/16	1-1/2	48-1/2	PY1440R24
14	4	5000	4-1/2	2-7/16	1	47-1/2	PY1440T16
14	4	5000	4-1/2	2-7/16	1-1/4	47-1/2	PY1440T20
16	3	4260	4-1/4	2-7/16	1-1/4	51	PY1630R20
16	3	4260	4-1/4	2-7/16	1-1/2	51	PY1630R24
16	3	4260	4-1/2	2-7/16	1	49-3/4	PY1630T16
16	3	4260	4-1/2	2-7/16	1-1/4	49-3/4	PY1630T20
16	4	5970	5-1/4	2-7/16	1-1/4	65	PY1640R20
16	4	5970	5-1/4	2-7/16	1-1/2	65	PY1640R24
16	4	5970	5-1/4	3-1/16	1-3/4	65	PY1640R28
16	4	5970	5-1/2	2-7/16	1-1/4	63	PY1640T20
16	5	7700	5-1/4	2-7/16	1-1/4	85	PY1650R20
16	5	7700	5-1/4	2-7/16	1-1/2	85	PY1650R24
16	5	7700	5-1/4	3-1/16	1-3/4	85	PY1650R28
16	5	7700	5-1/4	3-1/4	2	85	PY1650R32
16	5	7700	5-1/2	2-7/16	1-1/4	85	PY1650T20
18	3	4600	4-1/4	2-7/16	1-1/4	59	PY1830R20
18	3	4600	4-1/4		1-1/2	59	PY1830R24
18	3	4600	4-1/2	2-7/16	1-1/4	57-3/4	PY1830T20
18	4	6500	5-1/4	2-7/16	1-1/4	83	PY1840R20
18	4	6500	5-1/4		1-1/2	83	PY1840R24
18	4	6500	5-1/2	2-7/16	1-1/4	81-3/4	PY1840T20
18	5	8400	5-1/4	2-7/16	1-1/2	89	PY1850R24
18	5	8400	5-1/4	3-1/16	1-3/4	89	PY1850R28
18	5	8400	5-1/4	3-1/4	2	89	PY1850R32
18	5	8400	5-1/2	2-9/16	1-1/2	87-3/4	PY1850T24

POLYURETHANE/ CAST IRON - PF

Capacity Up to 4400 lbs.



Dia. (inch)	Width (inch)	Capacity (lbs)	Hub Length (inch)	Bore (mm)	Bearing (inch)	Part Number
6	3	3800	3-1/2	62	3/4	PF63P12
8	3	4000	3-1/2	62	3/4	PF83P12
10	3	4200	3-1/2	62	3/4	PF1030P12
12	3	4400	3-1/2	62	3/4	PF1230P12

Polyurethane treaded wheels firmly bonded to precision machined cast iron cores. The PF wheels are designed to reduce noise problems and offer cushion to loads. Large diameter precision bearings offer ease of rolling.

POLYURETHANE/CAST IRON CORE

ECONOMY POLYURETHANE/ CAST IRON CORE - PI

Capacity Up to 3500 lbs.



Composed of a polyurethane elastomer, open cast or injection molded, 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

- **Hardness:** 95 Shore A
- **Wheel Face:** Available in flat tread
- **Finish:** Green tread on silver painted core
- **Temperature Range:** -40°F up to +180°F

Wheel Options

- Now available in 2-1/2" and 3" tread width models, consult Acorn™.
- **Note:** Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory.
- For customization & special application options, please consult Acorn™.

Dia. (inch)	Width (inch)	Capacity (lbs.)	Hub Length (inch)	Bore (inch)	Bearing (inch)	Bearing Type	Part Number*
4	2	700	2-7/16	1-3/16	1/2	Industrial Ball	PI42B08
4	2	700	2-3/16	1-3/16	5/8	Roller	PI42R10
4	2	700	2-3/16	1-3/16	3/4	Roller	PI42R12
4	2	700	2-3/16	1-3/16	1-3/16	Plain	PI4219
5	2	1000	2-7/16	1-3/16	1/2	Industrial Ball	PI52B08
5	2	1000	2-3/16	1-3/16	3/4	Roller	PI52R12
5	2	1000	2-3/16	1-3/16	1-3/16	Plain	PI5219
6	2	1200	2-7/16	1-3/16	1/2	Industrial Ball	PI62B08
6	2	1200	2-3/16	1-3/16	1/2	Ped. Prec. Ball	PI62P08
6	2	1200	2-3/16	1-3/16	5/8	Roller	PI62R10
6	2	1200	2-3/16	1-3/16	3/4	Roller	PI62R12
6	2	1200	2-3/16	1-3/16	3/4	Delrin	PI62D12
6	2	1200	2-3/16	1-3/16	1-3/16	Plain	PI6219
6	3	2000	3-1/4	1-15/16	1-15/16	Plain	PI6331
8	2	1400	2-7/16	1-3/16	1/2	Industrial Ball	PI82B08
8	2	1400	2-7/16	1-3/16	1/2	Ped. Prec. Ball	PI82P08
8	2	1400	2-3/16	1-3/16	3/4	Roller	PI82R12
8	2	1400	2-3/16	1-3/16	1-3/16	Plain	PI8219
8	3	2500	3-1/4	1-15/16	1	Roller	PI83R16
8	3	2500	3-1/4	1-15/16	1-15/16	Plain	PI8331
10	3	3000	3-1/4	1-15/16	1	Roller	PI1030R16
10	3	3000	3-1/4	1-15/16	1-15/16	Plain	PI103031
12	3	3500	3-1/4	1-15/16	1	Roller	PI1230R16
12	3	3500	3-1/4	1-15/16	1-15/16	Plain	PI123031

*PL = Plain Bearing; R = Roller Bearing; P = Pedestal Bearing