

P, PS Series

Wheels with Pneumatic Tires, with Pressed Steel Rim

165 - 1,450 lbs ✓RoHS

Tread & tire hardness	60° shore A
Temperature resistance	-15° F - +120° F
Rolling resistance	good
Operating noise	excellent
Floor pressure	excellent

P / PS-wheel series:
Tires: Pneumatic tires, **P-series** with ribbed or sawtooth profile (2 or 4 ply rating), **PS-series** with sawtooth profile (6 ply rating), with tube, highest operational comfort, excellent floor preservation, color black, PAH conform in accordance to EU-directive 2005/69/EC.
Rims:
P-series: Made of pressed steel, bolted or welded, with welded tubular steel hub, zinc-plated, blue-passivated, Cr6-free.
PS-series: Made of heavy pressed steel, bolted (flat based rim), with welded tubular steel hub, zinc-plated, blue-passivated, Cr6-free.



Bearing types:

- Roller bearing, lubricated with long-life grease
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

Other features:
 Chemical resistance to many aggressive substances, except oils.

Operating temperature: -15° F to +120° F. Wheel and tire dimensions are valid for unloaded, new tires and may slightly change in width and diameter during operation.

With a reduced load capacity, max. speeds of up to 10 mph are permissible for wheels fitted with ball bearings.

VLE Series

Heavy Duty Wheels with Super-elastic Solid Rubber Tires, with Pressed Steel Rim

1,000 - 1,320 lbs ✓RoHS

Tread & tire hardness	70° shore A
Temperature resistance	-15° F - +175° F intermittently up to +210° F
Rolling resistance	good
Operating noise	very good
Floor pressure	very good

VLE-wheel series:
Tires: 2-component tire, made of super-elastic solid rubber, tough and hard rubber core, abrasion-resistant tread, steel-wire reinforced, very high operational comfort, very good floor preservation, color black.
Rims: Made of heavy pressed steel, bolted, with welded tubular steel hub or reinforced rim version, zinc-plated, blue-passivated, Cr6-free.
Bearing type:
 • Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.



Other features:
 Chemical resistance to many aggressive substances, except oils.
 Operating temperature: -15° F to +175° F, intermittently up to +210° F.
 At ambient temperatures above +140° F the load capacity is reduced.

An alternative to pneumatic tires - Advantages: Puncture-proof, maintenance-free under standard conditions, good stability, precise steering behaviour. With a reduced load capacity, max. speeds of up to 15 mph are permissible.

Wheels with Ribbed Profile	Wheels with Sawtooth Profile	Wheel Ø (D)	Tire Width (T2)	Tire Dimension	Ply Rating	Load Cap. at 2.5 mph	Load Cap. at 10 mph	Tire Pressure	Bearing Type	Axle Bore Ø	Hub Length (T1)	Profile *
[inch]	[mm]	[inch]	[mm]			[lbs]	[kg]	[bar/psi]		[mm]	[inch]	[mm]
P Series												
P 200/20-60R		8	2	200x50	2	165	-	2.5/36	Roller bearing	20	2 1/32	R01
	P 222/20-75R	8 3/8	2 1/2	250-4	2	220	-	2.0/30	Roller bearing	20	2 1/16	B01
	P 263/20-75R	10 7/32	3 1/32	3.00-4	2	330	-	2.0/30	Roller bearing	20	2 1/16	B02
	P 262/20-50K	10 7/32	3 1/32	3.00-4	2	330	220	2.0/30	Ball bearing	20	1 3/32	B02
	P 267/20-75R	10 7/32	3 1/32	3.00-4	4	550	-	3.5/50	Roller bearing	20	2 1/16	B02
	P 267/25-75K	10 7/32	3 1/32	3.00-4	4	550	440	3.5/50	Ball bearing	25	2 1/16	B02
	P 302/20-75R	12	4	4.00-4	2	395	-	2.0/30	Roller bearing	20	2 1/16	B02
	P 340/25-90K	14	4 1/2	4.00-6	4	660	505	3.5/50	Ball bearing	25	3 1/32	R01
	P 401/25-90R	15 3/4	4	4.00-8	2	550	-	2.0/30	Roller bearing	25	3 1/32	R01
	P 412/25-90K	15 3/4	4	4.00-8	4	770	660	3.5/50	Ball bearing	25	3 1/32	B07
PS Series												
	PS 310/20-75K	12	4	4.00-4	6	1000	770	7.5/110	Ball bearing	20	2 1/16	B02
	PS 310/25-75K	12	4	4.00-4	6	1000	770	7.5/110	Ball bearing	25	2 1/16	B02
	PS 430/25-90K	16 1/32	4 1/2	4.00-8	6	1450	1100	7.0/101	Ball bearing	25	3 1/32	B08
	PS 430/30-90K	16 1/32	4 1/2	4.00-8	6	1450	1100	7.0/101	Ball bearing	30	3 1/32	B08

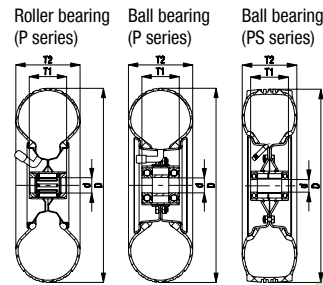
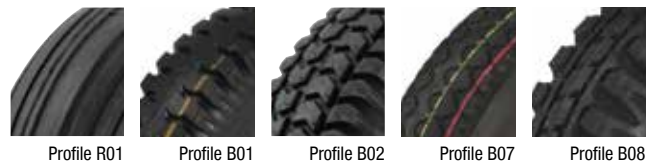
Wheels with Ribbed Profile	Wheels with Sawtooth Profile	Wheel Ø * (D)	Tire Width * (T2)	Tire Dimension	Rim Dimension	Load Cap. at 3.5 mph	Load Cap. at 15 mph	Bearing Type	Axle Bore Ø	Hub Length (T1)	Profile Ribbed	Profile Sawtooth
[inch]	[mm]	[inch]	[mm]			[lbs]	[kg]		[mm]	[inch]	Profile	Profile
VLE 250/20-75K	VLE 255/20-75K	10	3 1/32	3.00-4	2.50C-4	1000	880	Ball bearing	20	2 1/16	R50	B51
VLE 250/25-75K	VLE 255/25-75K	10	3 1/32	3.00-4	2.50C-4	1000	880	Ball bearing	25	2 1/16	R50	B51
VLE 252/25-75K **	VLE 257/25-75K **	10	3 1/32	3.00-4	2.50C-4	1320	1045	Ball bearing	25	2 1/16	R50	B51
VLE 305/20-75K	VLE 310/20-75K	12 1/16	4 1/8	4.00-4	2.50C-4	1000	880	Ball bearing	20	2 1/16	R50	B50

* Wheel and tire dimensions are valid for unloaded, new tires and may slightly change during operation
 ** With heavy duty rim

Profiles



Profiles *



Top hats and spanners are not included. Please consult the customer service team for assistance.

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More options online!

Options



Product Code Suffix	-SG	-AG	VWPP series	-E	PA series	PK series	Further Dimensions **
Available for	P series Consult factory	P, PS series Consult factory	Consult factory	P series Consult factory	Consult factory	Consult factory	Consult factory

** Up to a diameter of 21" and a load capacity of 2,860 lbs

More options online!

Options



Product Code Suffix	-SN	-AS	-E	VLEA series	Further Versions	Further Dimensions **
Available for	Consult factory	Consult factory	Consult factory	Consult factory	Consult factory	Consult factory

** Up to a diameter of 20" and a load capacity of 4,150 lbs

