


















## Wheels and castors with standard solid rubber tyres and rubber tread

3



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Series: VE

## Wheels with standard solid rubber tyres, with pressed steel rim

50 - 205 kg

RoHS



3

<b>Tread &amp; tyre hardness</b>		80° shore A
<b>Temperature resistance</b>		-25° C - +80° C
<b>Rolling resistance</b>		reasonable
<b>Operating noise</b>		very good
<b>Floor surface preservation</b>		very good

### VE-wheel series:

**Tyres:** Made of standard solid rubber, 80° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, colour black, PAH conform in acc. to EU-directive 2005/69/EC.

(Material description page 38)

**Rims:** Made of pressed steel, zinc-plated, blue-passivated, Cr6-free.

### Bearing type:

- Roller bearing, lubricated with long-life grease

### Other features:

Chemical resistance to many aggressive substances, except oils (table page 36-37).

Operating temperature: -25° C to +80° C.

At ambient temperatures above +60° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 43**

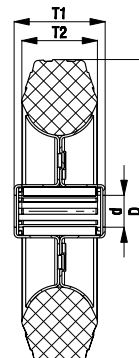
Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
<b>VE 80/12R</b>	80	25	50	Roller bearing	12	35
<b>VE 100/12R</b>	100	30	70	Roller bearing	12	45
<b>VE 125/12R</b>	125	37.5	100	Roller bearing	12	45
<b>VE 150/20R</b>	150	40	135	Roller bearing	20	60
<b>VE 160/20R</b>	160	40	135	Roller bearing	20	60
<b>VE 180/20R</b>	180	50	170	Roller bearing	20	60
<b>VE 200/20R</b>	200	50	205	Roller bearing	20	60

For further wheel Ø refer to the V-wheel series on page 136 and 137

### Options



	With non-marking grey tyre	Electrically conductive version, black tyre
Technical description page	38	36, 38
<b>Product code suffix</b>	<b>-SG</b>	<b>-EL</b>
Available for	all sizes	all sizes



Series: LE-VE, B-VE

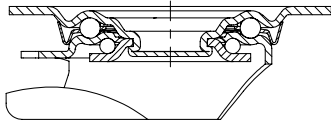
## Pressed steel castors with top plate fitting, wheel with standard solid rubber tyre

50 - 205 kg

RoHS



3



**Brackets:** LE/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 64  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VE series - Tyres: Made of standard solid rubber, 80° shore A, black.  
Rims: Made of pressed steel, zinc-plated, blue-passivated, Cr6-free.  
Bearing type: Roller bearing.  
Detailed description: Page 132 and 43



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LE-VE 80R	B-VE 80R	LE-VE 80R-FI	80	25	50	Roller bearing	102	100 x 85	80 x 60	9	38
LE-VE 100R	B-VE 100R	LE-VE 100R-FI	100	30	70	Roller bearing	125	100 x 85	80 x 60	9	36
LE-VE 125R	B-VE 125R	LE-VE 125R-FI	125	37.5	100	Roller bearing	150	100 x 85	80 x 60	9	40
LE-VE 150R	B-VE 150R	LE-VE 150R-FI	150	40	135	Roller bearing	190	140 x 110	105 x 75-80	11	54
LE-VE 160R	B-VE 160R	LE-VE 160R-FI	160	40	135	Roller bearing	195	140 x 110	105 x 75-80	11	54
LE-VE 180R	B-VE 180R	LE-VE 180R-FI	180	50	170	Roller bearing	215	140 x 110	105 x 75-80	11	54
LE-VE 200R	B-VE 200R	LE-VE 200R-FI	200	50	205	Roller bearing	235	140 x 110	105 x 75-80	11	54

### Options



	With non-marking grey tyre	Electrically conductive version, black tyre	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With central braking system 'central-stop'	Directional lock (retro fit) 1 x 360° *	With synthetic (-FP) or steel (-FS) foot guard
Technical description page	38	36, 38	84	80	81	83	84
Product code suffix	-SG	-EL	-FA	-ST	-CS11	RI-03.01 / RI-03.03	-FP / -FS
Available for	all sizes	all sizes	all sizes	wheel Ø 150-200 mm	wheel Ø 160+200 mm	RI-03.01: Ø 100-125 RI-03.03: Ø 150-200	upon request

\* Only for swivel castors without brake

Series: LER-VE

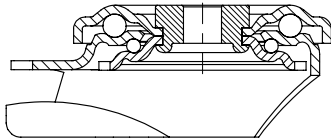
**Pressed steel castors with bolt hole fitting, wheel with standard solid rubber tyre**

50 - 205 kg

RoHS



3



**Brackets:** LER series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65

**Wheels:** VE series - Tyres: Made of standard solid rubber, 80° shore A, black. Rims: Made of pressed steel, zinc-plated, blue-passivated, Cr6-free. Bearing type: Roller bearing. Detailed description: Page 132 and 43

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LER-VE 80R	LER-VE 80R-FI	80	25	50	Roller bearing	102	70	13	38
LER-VE 100R	LER-VE 100R-FI	100	30	70	Roller bearing	125	70	13	36
LER-VE 125R	LER-VE 125R-FI	125	37.5	100	Roller bearing	150	70	13	40
LER-VE 150R	LER-VE 150R-FI	150	40	135	Roller bearing	190	88	13	54
LER-VE 160R	LER-VE 160R-FI	160	40	135	Roller bearing	195	88	13	54
LER-VE 180R	LER-VE 180R-FI	180	50	170	Roller bearing	215	88	13	54
LER-VE 200R	LER-VE 200R-FI	200	50	205	Roller bearing	235	88	13	54

**Options**



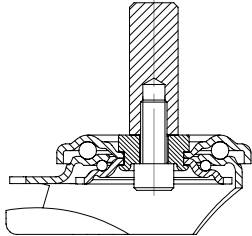
	With non-marking grey tyre	Electrically conductive version, black tyre	With pressed steel thread guard, zinc-plated	With synthetic foot guard	With steel foot guard
Technical description page	38	36, 38	84	84	84
Product code suffix	<b>-SG</b>	<b>-EL</b>	<b>-FA</b>	<b>-FP</b>	<b>-FS</b>
Available for	all sizes	all sizes	all sizes	wheel Ø 125 mm upon request	wheel Ø 150, 160, 200 upon request

Series: LEZ-VE

## Pressed steel castors with stem fitting, wheel with standard solid rubber tyre

50 - 205 kg

RoHS



3



**Brackets:** LEZ series - Made of pressed steel, with double ball bearing in the swivel head, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. The steel plug-in stem and central kingpin are either bolted and secured or made of one piece. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VE series - Tyres: Made of standard solid rubber, 80° shore A, black. Rims: Made of pressed steel, zinc-plated, blue-passivated, Cr6-free. Bearing type: Roller bearing. Detailed description: Page 132 and 43

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Offset [mm]
LEZ-VE 80R	LEZ-VE 80R-FI	80	25	50	Roller bearing	102	20	50	38
LEZ-VE 100R	LEZ-VE 100R-FI	100	30	70	Roller bearing	125	20	50	36
LEZ-VE 125R	LEZ-VE 125R-FI	125	37.5	100	Roller bearing	150	20	50	40
LEZ-VE 150R-22	LEZ-VE 150R-22-FI	150	40	135	Roller bearing	190	22	60	54
LEZ-VE 150R-27	LEZ-VE 150R-27-FI	150	40	135	Roller bearing	190	27	60	54
LEZ-VE 160R-22	LEZ-VE 160R-22-FI	160	40	135	Roller bearing	195	22	60	54
LEZ-VE 160R-27	LEZ-VE 160R-27-FI	160	40	135	Roller bearing	195	27	60	54
LEZ-VE 180R-22	LEZ-VE 180R-22-FI	180	50	170	Roller bearing	215	22	60	54
LEZ-VE 180R-27	LEZ-VE 180R-27-FI	180	50	170	Roller bearing	215	27	60	54
LEZ-VE 200R-22	LEZ-VE 200R-22-FI	200	50	205	Roller bearing	235	22	60	54
LEZ-VE 200R-27	LEZ-VE 200R-27-FI	200	50	205	Roller bearing	235	27	60	54

### Options



	With non-marking grey tyre	Electrically conductive version, black tyre	With pressed steel thread guard, zinc-plated	With synthetic foot guard	With steel foot guard
Technical description page	38	36, 38	84	84	84
Product code suffix	-SG	-EL	-FA	-FP	-FS
Available for	all sizes	upon request	upon request	wheel Ø 125 mm upon request	wheel Ø 150, 160, 200 upon request

Series: V, wheel Ø 80-200 mm

## Wheels with standard solid rubber tyres, with pressed steel rim, reinforced design

50 - 300 kg

RoHS



3

<b>Tread &amp; tyre hardness</b>	80° shore A
<b>Temperature resistance</b>	-25° C - +80° C
<b>Rolling resistance</b>	reasonable
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good

### V-wheel series:

**Tyres:** Made of standard solid rubber, 80° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, colour black, PAH conform in acc. to EU-directive 2005/69/EC.

(Material description page 38)

**Rims:** Made of pressed steel, with tubular steel hub, bolted or pressed.

**This special Blickle rim design is extremely strong, even under extreme shock and impact loads. Smooth and elegant design ('Die gute Industrieform' design award).**

Zinc-plated, blue-passivated, Cr6-free.

### Bearing types:

- Plain bore, corrosion-resistant
- 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 (table page 36-37).

Operating temperature: -25° C to +80° C.

At ambient temperatures above +60° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 43**

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
V 80/12R	80	25	50	Roller bearing	12	35
V 100/15R	100	30	70	Roller bearing	15	45
V 125/15R	125	37.5	100	Roller bearing	15	45
V 140/15R	140	37.5	115	Roller bearing	15	45
V 162/20G	160	40	135	Plain bore	20	60
V 162/20R	160	40	135	Roller bearing	20	60
V 182/20G	180	50	170	Plain bore	20	60
V 182/20R	180	50	170	Roller bearing	20	60
V 184/20-50K *	180	80	300	Ball bearing	20	50
V 202/20G	200	50	205	Plain bore	20	60
V 202/20R	200	50	205	Roller bearing	20	60
V 202/25R	200	50	205	Roller bearing	25	60
V 200/20K *	200	50	205	Ball bearing	20	60
V 205/20R	200	65	225	Roller bearing	20	60

\* Bolted version

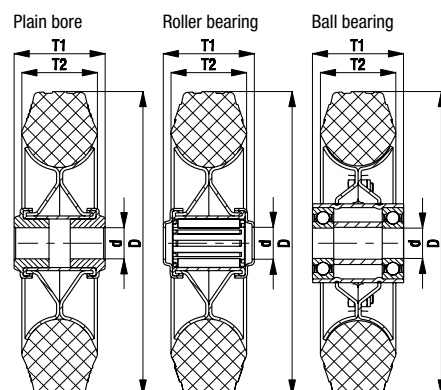
**For further wheel Ø refer to the next page**

### Options



Image	With non-marking grey tyre	Electrically conductive version, black tyre
V 184/20-50K		
Technical description page	38	36, 38
<b>Product code suffix</b>	<b>-SG</b>	<b>-EL</b>
Available for	wheel Ø 80-180x50, 200x50 mm **	wheel Ø 80-180x50, 200x50 mm **

\*\* Only available for roller and ball bearing versions



Series: V, wheel Ø 250-400 mm

## Wheels with standard solid rubber tyres, with pressed steel rim

295 - 800 kg

RoHS



3

<b>Tread &amp; tyre hardness</b>	80° shore A
<b>Temperature resistance</b>	-25° C - +80° C
<b>Rolling resistance</b>	reasonable
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good

### V-wheel series:

**Tyres:** Made of standard solid rubber, 80° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, colour black, PAH conform in acc. to EU-directive 2005/69/EC.

(Material description page 38)

**Rims:** Made of pressed steel, with tubular steel hub, bolted or pressed.

**This special Blickle rim design is extremely strong, even under extreme shock and impact loads. Smooth and elegant design ('Die gute Industrieform' design award).**

Zinc-plated, blue-passivated, Cr6-free.

### Bearing types:

- Plain bore, corrosion-resistant
- 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 (table page 36-37).  
Operating temperature: -25° C to +80° C.  
At ambient temperatures above +60° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 43**

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
V 252/20G *	250	60	295	Plain bore	20	65
V 252/25G *	250	60	295	Plain bore	25	65
V 252/25R *	250	60	295	Roller bearing	25	65
V 250/25K	250	60	295	Ball bearing	25	65
V 254/25-65R	250	75	320	Roller bearing	25	65
V 256/20-75K	250	85	350	Ball bearing	20	75
V 256/25-75K	250	85	350	Ball bearing	25	75
V 265/25-75G	265	64	800 **	Plain bore	25	75
V 282/25R *	280	70	385	Roller bearing	25	75
V 302/25-50R	300	60	300	Roller bearing	25	50
V 302/25-75R	300	60	300	Roller bearing	25	75
V 302/30-55G	300	60	700 **	Plain bore	30	55
V 350/25-80R	350	70	300	Roller bearing	25	80
V 350/25-75K	350	70	300	Ball bearing	25	75
V 400/25-90G	400	75	300	Plain bore	25	90
V 400/25-75R	400	75	300	Roller bearing	25	75
V 400/25-90R	400	75	300	Roller bearing	25	90
V 400/30-90R	400	75	300	Roller bearing	30	90
V 402/25-90R	400	80	475	Roller bearing	25	90
V 402/30-90K	400	80	475	Ball bearing	30	90

\* Pressed version

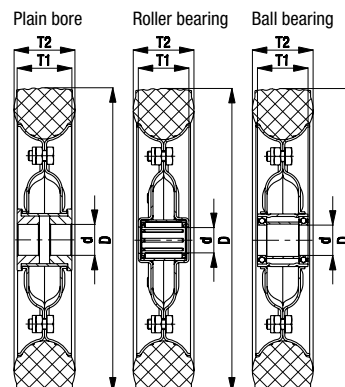
\*\* Static load

### Options



	With non-marking grey tyre	Electrically conductive version, black tyre
Technical description page	38	36, 38
Product code suffix	-SG	-EL
Available for	wheel Ø 250x60 mm ***	wheel Ø 250x60 mm ***

\*\*\* Only available for roller and ball bearing versions





Series: L-V, B-V, BH-V

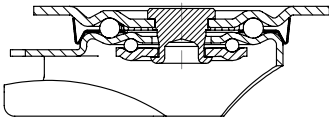
**Pressed steel castors, medium duty brackets, with top plate fitting, wheel with standard solid rubber tyre**

50 - 385 kg

RoHS



3



**Brackets:** L/B/BH series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 160-280 mm), swivel head seals (exception: plate size 175x175 mm). The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 65  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** V series - Tyres: Made of standard solid rubber, 80° shore A, black.  
Rims: Made of pressed steel, with tubular steel hub.  
**This special Blickle rim design is extremely strong, even under extreme shock and impact loads. Smooth and elegant design ('Die gute Industrieform' design award).**  
Zinc-plated, blue-passivated, Cr6-free.  
Bearing types: Roller bearing or two pressed-in ball bearings.  
Detailed description: Page 136, 137 and 43

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-V 80R	B-V 80R	L-V 80R-FI	80	25	50	Roller bearing	102	100 x 85	80 x 60	9	38
L-V 100R	B-V 100R	L-V 100R-FI	100	30	70	Roller bearing	125	100 x 85	80 x 60	9	36
L-V 125R	B-V 125R	L-V 125R-FI	125	37.5	100	Roller bearing	150	100 x 85	80 x 60	9	40
L-V 140R	B-V 140R	L-V 140R-FI	140	37.5	115	Roller bearing	170	140 x 110	105 x 75-80	11	50
L-V 162R	B-V 162R	L-V 162R-FI	160	40	135	Roller bearing	195	140 x 110	105 x 75-80	11	60
L-V 182R	B-V 182R	L-V 182R-FI	180	50	170	Roller bearing	215	140 x 110	105 x 75-80	11	60
L-V 202R	B-V 202R	L-V 202R-FI	200	50	205	Roller bearing	235	140 x 110	105 x 75-80	11	65
L-V 200K	B-V 200K	L-V 200K-FI	200	50	205	Ball bearing	235	140 x 110	105 x 75-80	11	65
L-V 205R	B-V 205R	*	200	65	225	Roller bearing	240	140 x 110	105 x 75-80	11	70
L-V 252R-3	BH-V 252R	*	250	60	295	Roller bearing	295	140 x 110	105 x 75-80	11	77
L-V 252R		*	250	60	295	Roller bearing	295	175 x 175	140 x 140	15	70
	B-V 252R		250	60	295	Roller bearing	295	220 x 120	190 x 75	15	
L-V 256K		*	250	85	350	Ball bearing	295	175 x 175	140 x 140	15	70
	B-V 256K		250	85	350	Ball bearing	295	220 x 120	190 x 75	15	
L-V 282R		*	280	70	385	Roller bearing	318	175 x 175	140 x 140	15	78
	B-V 282R		280	70	385	Roller bearing	318	220 x 120	190 x 75	15	

\* For the 'stop-top' brake version refer to 'Options'

**Options**



	With non-marking grey tyre	Electrically conductive version, black tyre	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	Directional lock (retro fit) 1 x 360° **	With synthetic foot guard	With steel foot guard
Technical description page	38	36, 38	84	80	83	84	84
Product code suffix	-SG	-EL	-FA	-ST	RI-03.01 / RI-05.03	-FP	-FS
Available for	wheel Ø 80 - 200x50, 250x60 mm	wheel Ø 80 - 200x50, 250x60 mm	wheel Ø 80 - 250x60 mm	all sizes	RI-03.01: Ø 100-125 RI-05.03: 160-200x50	wheel Ø 125 mm upon request	Ø 160+200 mm upon request

\*\* Only for swivel castors without brake

Series: VPP, wheel Ø 80-180 mm

## Wheels with standard solid rubber tyres, with synthetic rim

50 - 170 kg

RoHS



3

<b>Tread &amp; tyre hardness</b>		80° shore A
<b>Temperature resistance</b>		-20° C - +60° C
<b>Rolling resistance</b>		reasonable
<b>Operating noise</b>		very good
<b>Floor surface preservation</b>		very good

### VPP-wheel series:

**Tyres:** Made of standard solid rubber, 80° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, colour black, PAH conform in acc. to EU-directive 2005/69/EC.

Wheel dimension 80 x 32 mm: 90° shore A hardness.

(Material description page 38)

**Rims:** Made of high-quality, impact-resistant polypropylene, colour black.

Wheel dimension 80 x 32 mm: Made of high-quality, impact-resistant nylon, colour dark grey.

### Bearing types:

- Plain bore, corrosion-resistant
- Roller bearing, lubricated with long-life grease

### Other features:

High chemical resistance to many aggressive substances, except oils (table page 36-37).

Operating temperature: -20° C to +60° C.

At ambient temperatures above +30° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 43**

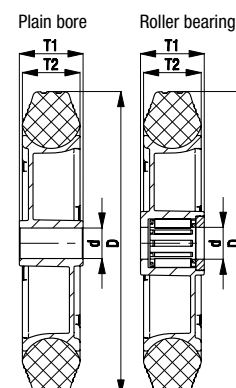
Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VPP 80/12G	80	25	50	Plain bore	12	35
VPP 80/12R	80	25	50	Roller bearing	12	35
VPP 82/12G	80	32	100	Plain bore	12	35
VPP 100/12G	100	30	70	Plain bore	12	45
VPP 100/15G	100	30	70	Plain bore	15	45
VPP 100/12R	100	30	70	Roller bearing	12	45
VPP 100/15R	100	30	70	Roller bearing	15	45
VPP 125/12G	125	37.5	100	Plain bore	12	45
VPP 125/15G	125	37.5	100	Plain bore	15	45
VPP 125/12R	125	37.5	100	Roller bearing	12	45
VPP 125/15R	125	37.5	100	Roller bearing	15	45
VPP 140/15G	140	37.5	115	Plain bore	15	45
VPP 140/15R	140	37.5	115	Roller bearing	15	45
VPP 150/20G	150	40	135	Plain bore	20	60
VPP 150/20R	150	40	135	Roller bearing	20	60
VPP 160/20-45G	160	40	135	Plain bore	20	45
VPP 160/20G	160	40	135	Plain bore	20	60
VPP 160/20-45R	160	40	135	Roller bearing	20	45
VPP 160/20R	160	40	135	Roller bearing	20	60
VPP 180/20G	180	50	170	Plain bore	20	60
VPP 180/20R	180	50	170	Roller bearing	20	60

For further wheel Ø refer to the next page

### Options



Image	With non-marking grey tyre	With stainless steel roller bearing in the wheel hub	STARLOCK® stainless steel cap
VPP 82/12G			
Technical description page	38	60	85
<b>Product code suffix</b>	<b>-SG</b>	<b>-XR</b>	<b>ST-KA 12, 15, 20</b>
Available for	all sizes	upon request	all axle bore Ø



Series: VPP, wheel Ø 200-400 mm, VPE, wheel Ø 260 mm

## Wheels with standard solid rubber tyres, with synthetic rim

150 - 350 kg

RoHS



3

<b>Tread &amp; tyre hardness</b>	80° shore A
<b>Temperature resistance</b>	-20° C - +60° C
<b>Rolling resistance</b>	reasonable
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good

### VPP, VPE-wheel series:

**Tyres:** Made of standard solid rubber, 80° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, colour black, PAH conform in acc. to EU-directive 2005/69/EC.

Wheel dimension 260 x 85 mm: 55° shore A hardness.

(Material description page 38)

**Rims:** Made of high-quality, impact-resistant polypropylene, colour black.

#### Bearing types:

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

#### Other features:

High chemical resistance to many aggressive substances, except oils (table page 36-37).

Operating temperature: -20° C to +60° C.

At ambient temperatures above +30° C the load capacity is reduced.

Maintenance-free under standard conditions.

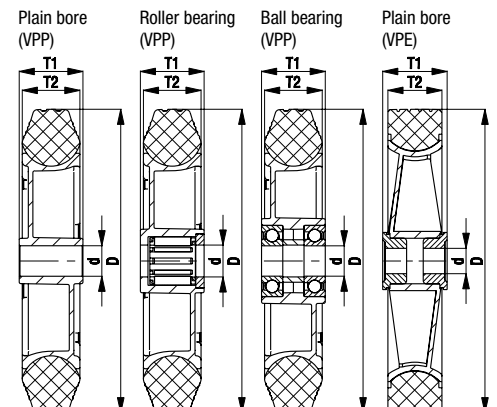
**Wheel series overview page 43**

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VPP 200/20G	200	50	205	Plain bore	20	60
VPP 200/25G	200	50	205	Plain bore	25	60
VPP 200/20R	200	50	205	Roller bearing	20	60
VPP 200/20K	200	50	205	Ball bearing	20	60
VPP 205/20G	200	65	205	Plain bore	20	60
VPP 250/20G	250	60	295	Plain bore	20	65
VPP 250/20-74G	250	60	295	Plain bore	20	74
VPP 250/25G	250	60	295	Plain bore	25	65
VPP 250/25-74G	250	60	295	Plain bore	25	74
VPP 250/25R	250	60	295	Roller bearing	25	65
VPP 250/20K	250	60	295	Ball bearing	20	65
VPP 250/25K	250	60	295	Ball bearing	25	65
VPP 254/25G	250	75	300	Plain bore	25	65
VPP 256/20G	250	85	250	Plain bore	20	75
VPP 256/20R	250	85	250	Roller bearing	20	75
VPE 260/20G	260	85	150	Plain bore	20	88
VPP 300/25G	300	60	250	Plain bore	25	60
VPP 355/25R	345	75	300	Roller bearing	25	75
VPP 400/25G	400	100	350	Plain bore	25	75
VPP 400/25R	400	100	350	Roller bearing	25	75

### Options



	With non-marking grey tyre	Red centre	With stainless steel roller bearing in the wheel hub	STARLOCK® stainless steel cap
Technical description page	38		60	85
<b>Product code suffix</b>	<b>-SG</b>	<b>-ROT</b>	<b>-XR</b>	<b>ST-KA 20, 25</b>
Available for	wheel Ø 200x50 + 250x60 mm	wheel Ø 260 mm	upon request	all axle bore Ø

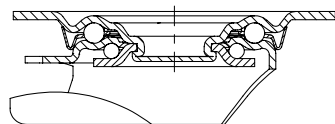


Series: LE-VPP, B-VPP

## Pressed steel castors with top plate fitting, wheel with standard solid rubber tyre

50 - 205 kg

RoHS



**Brackets:** LE/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 64 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VPP series - Tyres: Made of standard solid rubber, 80° shore A, black. Wheel dimension 80 x 32 mm: 90° shore A. Rims: Made of high-quality, impact-resistant polypropylene, black. Wheel dimension 80 x 32 mm: Made of high-quality, impact-resistant nylon, dark grey. Bearing types: Plain bore or roller bearing. Detailed description: Page 139, 140 and 43

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LE-VPP 80G	B-VPP 80G	LE-VPP 80G-FI	80	25	50	Plain bore	102	100 x 85	80 x 60	9	38
LE-VPP 80R	B-VPP 80R	LE-VPP 80R-FI	80	25	50	Roller bearing	102	100 x 85	80 x 60	9	38
LE-VPP 82G	B-VPP 82G	LE-VPP 82G-FI	80	32	100	Plain bore	102	100 x 85	80 x 60	9	38
LE-VPP 100G	B-VPP 100G	LE-VPP 100G-FI	100	30	70	Plain bore	125	100 x 85	80 x 60	9	36
LE-VPP 100R	B-VPP 100R	LE-VPP 100R-FI	100	30	70	Roller bearing	125	100 x 85	80 x 60	9	36
LE-VPP 125G	B-VPP 125G	LE-VPP 125G-FI	125	37.5	100	Plain bore	150	100 x 85	80 x 60	9	40
LE-VPP 125R	B-VPP 125R	LE-VPP 125R-FI	125	37.5	100	Roller bearing	150	100 x 85	80 x 60	9	40
LE-VPP 150G	B-VPP 150G	LE-VPP 150G-FI	150	40	135	Plain bore	190	140 x 110	105 x 75-80	11	54
LE-VPP 150R	B-VPP 150R	LE-VPP 150R-FI	150	40	135	Roller bearing	190	140 x 110	105 x 75-80	11	54
LE-VPP 160G	B-VPP 160G	LE-VPP 160G-FI	160	40	135	Plain bore	195	140 x 110	105 x 75-80	11	54
LE-VPP 160R	B-VPP 160R	LE-VPP 160R-FI	160	40	135	Roller bearing	195	140 x 110	105 x 75-80	11	54
LE-VPP 180G	B-VPP 180G	LE-VPP 180G-FI	180	50	170	Plain bore	215	140 x 110	105 x 75-80	11	54
LE-VPP 180R	B-VPP 180R	LE-VPP 180R-FI	180	50	170	Roller bearing	215	140 x 110	105 x 75-80	11	54
LE-VPP 200G	B-VPP 200G	LE-VPP 200G-FI	200	50	205	Plain bore	235	140 x 110	105 x 75-80	11	54
LE-VPP 200R	B-VPP 200R	LE-VPP 200R-FI	200	50	205	Roller bearing	235	140 x 110	105 x 75-80	11	54

For stainless steel versions refer to page 355

### Options



	With non-marking grey tyre	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	Directional lock (retro fit) 1 x 360° *	Directional lock (retro fit) 1 x 360° *	With synthetic foot guard
Technical description page	38	84	80	83	83	84
Product code suffix	-SG	-FA	-ST	RI-03.01	RI-03.03	-FP
Available for	all sizes	all sizes	wheel Ø 150-200 mm	wheel Ø 100-125 mm	wheel Ø 150-200 mm	wheel Ø 125 mm upon request

\* Only for swivel castors without brake

Series: LER-VPP

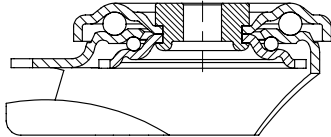
## Pressed steel castors with bolt hole fitting, wheel with standard solid rubber tyre

50 - 205 kg

RoHS



3



**Brackets:** LER series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VPP series - Tyres: Made of standard solid rubber, 80° shore A, black. Wheel dimension 80 x 32 mm: 90° shore A. Rims: Made of high-quality, impact-resistant polypropylene, black. Wheel dimension 80 x 32 mm: Made of high-quality, impact-resistant nylon, dark grey. Bearing types: Plain bore or roller bearing. Detailed description: Page 139, 140 and 43

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LER-VPP 80G	LER-VPP 80G-FI	80	25	50	Plain bore	102	70	13	38
LER-VPP 80R	LER-VPP 80R-FI	80	25	50	Roller bearing	102	70	13	38
LER-VPP 82G	LER-VPP 82G-FI	80	32	100	Plain bore	102	70	13	38
LER-VPP 100G	LER-VPP 100G-FI	100	30	70	Plain bore	125	70	13	36
LER-VPP 100R	LER-VPP 100R-FI	100	30	70	Roller bearing	125	70	13	36
LER-VPP 125G	LER-VPP 125G-FI	125	37.5	100	Plain bore	150	70	13	40
LER-VPP 125R	LER-VPP 125R-FI	125	37.5	100	Roller bearing	150	70	13	40
LER-VPP 150G	LER-VPP 150G-FI	150	40	135	Plain bore	190	88	13	54
LER-VPP 150R	LER-VPP 150R-FI	150	40	135	Roller bearing	190	88	13	54
LER-VPP 160G	LER-VPP 160G-FI	160	40	135	Plain bore	195	88	13	54
LER-VPP 160R	LER-VPP 160R-FI	160	40	135	Roller bearing	195	88	13	54
LER-VPP 180G	LER-VPP 180G-FI	180	50	170	Plain bore	215	88	13	54
LER-VPP 180R	LER-VPP 180R-FI	180	50	170	Roller bearing	215	88	13	54
LER-VPP 200G	LER-VPP 200G-FI	200	50	205	Plain bore	235	88	13	54
LER-VPP 200R	LER-VPP 200R-FI	200	50	205	Roller bearing	235	88	13	54

For stainless steel versions refer to page 356

### Options



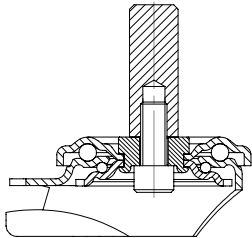
	With non-marking grey tyre	With pressed steel thread guard, zinc-plated	With synthetic foot guard
Technical description page	38	84	84
Product code suffix	-SG	-FA	-FP
Available for	all sizes	upon request	wheel Ø 125 mm upon request

Series: LEZ-VPP

## Pressed steel castors with stem fitting, wheel with standard solid rubber tyre

50 - 205 kg

RoHS



3

**Brackets:** LEZ series - Made of pressed steel, with double ball bearing in the swivel head, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. The steel plug-in stem and central kingpin are either bolted and secured or made of one piece. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VPP series - Tyres: Made of standard solid rubber, 80° shore A, black. Wheel dimension 80 x 32 mm: 90° shore A. Rims: Made of high-quality, impact-resistant polypropylene, black. Wheel dimension 80 x 32 mm: Made of high-quality, impact-resistant nylon, dark grey. Bearing type: Plain bore. Detailed description: Page 139, 140 and 43



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Offset [mm]
LEZ-VPP 80G	LEZ-VPP 80G-FI	80	25	50	Plain bore	102	20	50	38
LEZ-VPP 82G	LEZ-VPP 82G-FI	80	32	100	Plain bore	102	20	50	38
LEZ-VPP 100G	LEZ-VPP 100G-FI	100	30	70	Plain bore	125	20	50	36
LEZ-VPP 125G	LEZ-VPP 125G-FI	125	37.5	100	Plain bore	150	20	50	40
LEZ-VPP 150G-22	LEZ-VPP 150G-22-FI	150	40	135	Plain bore	190	22	60	54
LEZ-VPP 150G-27	LEZ-VPP 150G-27-FI	150	40	135	Plain bore	190	27	60	54
LEZ-VPP 160G-22	LEZ-VPP 160G-22-FI	160	40	135	Plain bore	195	22	60	54
LEZ-VPP 160G-27	LEZ-VPP 160G-27-FI	160	40	135	Plain bore	195	27	60	54
LEZ-VPP 200G-22	LEZ-VPP 200G-22-FI	200	50	205	Plain bore	235	22	60	54
LEZ-VPP 200G-27	LEZ-VPP 200G-27-FI	200	50	205	Plain bore	235	27	60	54

For stainless steel versions refer to page 357

### Options



	With non-marking grey tyre	With pressed steel thread guard, zinc-plated
Technical description page	38	84
Product code suffix	-SG	-FA
Available for	all sizes	upon request

Series: L-VPP, B-VPP, BH-VPP

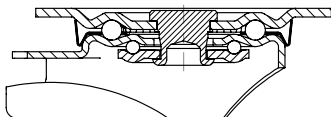
**Pressed steel castors, medium duty brackets, with top plate fitting, wheel with standard solid rubber tyre**

50 - 295 kg

RoHS



3



**Brackets:** L/B/BH series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 160-250 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VPP series - Tyres: Made of standard solid rubber, 80° shore A, black. Wheel dimension 80 x 32 mm: 90° shore A. Rims: Made of high-quality, impact-resistant polypropylene, black. Wheel dimension 80 x 32 mm: Made of high-quality, impact-resistant nylon, dark grey. Bearing types: Plain bore or roller bearing. Detailed description: Page 139, 140 and 43

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-VPP 80G	B-VPP 80G	L-VPP 80G-FI	80	25	50	Plain bore	102	100 x 85	80 x 60	9	38
L-VPP 80R	B-VPP 80R	L-VPP 80R-FI	80	25	50	Roller bearing	102	100 x 85	80 x 60	9	38
L-VPP 82G	B-VPP 82G	L-VPP 82G-FI	80	32	100	Plain bore	102	100 x 85	80 x 60	9	38
L-VPP 100G	B-VPP 100G	L-VPP 100G-FI	100	30	70	Plain bore	125	100 x 85	80 x 60	9	36
L-VPP 100R	B-VPP 100R	L-VPP 100R-FI	100	30	70	Roller bearing	125	100 x 85	80 x 60	9	36
L-VPP 125G	B-VPP 125G	L-VPP 125G-FI	125	37.5	100	Plain bore	150	100 x 85	80 x 60	9	40
L-VPP 125R	B-VPP 125R	L-VPP 125R-FI	125	37.5	100	Roller bearing	150	100 x 85	80 x 60	9	40
L-VPP 140G	B-VPP 140G	L-VPP 140G-FI	140	37.5	115	Plain bore	170	140 x 110	105 x 75-80	11	50
L-VPP 140R	B-VPP 140R	L-VPP 140R-FI	140	37.5	115	Roller bearing	170	140 x 110	105 x 75-80	11	50
L-VPP 160G	B-VPP 160G	L-VPP 160G-FI	160	40	135	Plain bore	195	140 x 110	105 x 75-80	11	60
L-VPP 160R	B-VPP 160R	L-VPP 160R-FI	160	40	135	Roller bearing	195	140 x 110	105 x 75-80	11	60
L-VPP 180G	B-VPP 180G	L-VPP 180G-FI	180	50	170	Plain bore	215	140 x 110	105 x 75-80	11	60
L-VPP 180R	B-VPP 180R	L-VPP 180R-FI	180	50	170	Roller bearing	215	140 x 110	105 x 75-80	11	60
L-VPP 200G	B-VPP 200G	L-VPP 200G-FI	200	50	205	Plain bore	235	140 x 110	105 x 75-80	11	65
L-VPP 200R	B-VPP 200R	L-VPP 200R-FI	200	50	205	Roller bearing	235	140 x 110	105 x 75-80	11	65
L-VPP 250G-3	BH-VPP 250G	*	250	60	295	Plain bore	295	140 x 110	105 x 75-80	11	77
L-VPP 250R-3	BH-VPP 250R	*	250	60	295	Roller bearing	295	140 x 110	105 x 75-80	11	77

\* For the 'stop-top' brake version refer to 'Options'

**Options**



	With non-marking grey tyre	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	Directional lock (retro fit) 1 x 360° **	Directional lock (retro fit) 1 x 360° **	With synthetic foot guard
Technical description page	38	84	80	83	83	84
Product code suffix	-SG	-FA	-ST	RI-03.01	RI-05.03	-FP
Available for	all sizes	wheel Ø 80-200 mm	all sizes	wheel Ø 100-125 mm	wheel Ø 160-200 mm	wheel Ø 125 mm upon request

\*\* Only for swivel castors without brake

Series: TPA

## Wheels with thermoplastic rubber tread, with polypropylene wheel centre

100 - 250 kg

RoHS



3

<b>Tread &amp; tyre hardness</b>	85° shore A
<b>Temperature resistance</b>	-20° C - +60° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good

**TPA-wheel series:**

**Tread:** Made of high-quality thermoplastic rubber-elastomer (TPE), 85° shore A hardness, high operational comfort, low-noise operation, low rolling and swivel resistance, good floor preservation, colour grey, non-marking, chemically bonded for an inseparable connection with the wheel centre.

(Material description page 38)

**Wheel centre:** Made of high-quality, impact-resistant polypropylene, colour silver grey (colour black for electrically conductive '-ELS' version).

**Bearing types:**

- Plain bore, corrosion-resistant
- Roller bearing, lubricated with long-life grease
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.
- Ball bearing (C): A centrally encapsulated sealed ball bearing within the injected polypropylene, wheel Ø 80-125 mm with integrated synthetic thread guard, lubricated with long-life grease.

**Other features:**

Very high chemical resistance to many aggressive substances (table page 36-37).  
 Operating temperature: -20° C to +60° C.  
 At ambient temperatures above +30° C the load capacity is reduced.  
 Maintenance-free under standard conditions.  
 The tread contains traces of oil. On absorbent surfaces this can cause some staining. As an option we recommend wheels from the VGA (page 148) or PATH (page 208) series.

**Wheel series overview page 42**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
TPA 80/12G	80	32	100	Plain bore	12	35
TPA 80/8K-FK	80	32	100	Ball bearing (C)	8	36
TPA 102/12G	100	32	110	Plain bore	12	45
TPA 102/8K-FK	100	32	110	Ball bearing (C)	8	46
TPA 127/12G	125	32	125	Plain bore	12	45
TPA 127/8K-FK	125	32	125	Ball bearing (C)	8	46
TPA 160/20G	160	40	200	Plain bore	20	60
TPA 160/20R	160	40	200	Roller bearing	20	60
TPA 160/20K	160	40	200	Ball bearing (C)	20	60
TPA 200/20G	200	40	250	Plain bore	20	60
TPA 200/20R	200	40	250	Roller bearing	20	60
TPA 200/20K	200	40	250	Ball bearing (C)	20	60

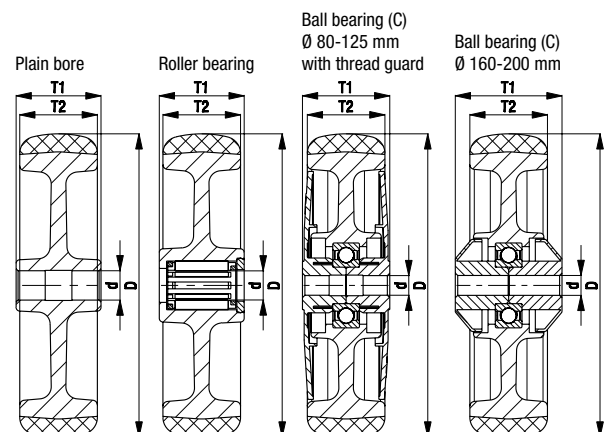
For further dimensions refer to page 88

**Options \***



Image version	Electrically conductive version, non-marking grey **	Wheel with additional ball bearing seals
Image version ball bearing (C)		
Technical description page	36, 38	61
<b>Product code suffix</b>	<b>-ELS</b>	<b>-KD</b>
Available for	all plain bore and ball bearing versions	all ball bearing versions

\* **Additional options:** Stainless steel roller bearing (-XR), available for all roller bearing versions (technical description page 60)  
 \*\* Load capacity is reduced by 35 %





Series: LE-TPA, B-TPA

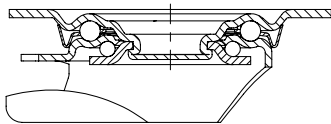
## Pressed steel castors with top plate fitting, wheel with thermoplastic rubber tread

100 - 250 kg

RoHS



3



**Brackets:** LE/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 64 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking. Wheel centre: Made of high-quality, impact-resistant polypropylene, silver grey (black for electrically conductive '-ELS' version). Bearing types: Plain bore, roller bearing or a centrally encapsulated ball bearing (C). Ball bearing (C) for wheel Ø 80-125 mm with synthetic thread guard as standard. Detailed description: Page 145 and 42

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LE-TPA 80G	B-TPA 80G	LE-TPA 80G-FI	80	32	100	Plain bore	102	100 x 85	80 x 60	9	38
LE-TPA 80K-FK	B-TPA 80K-FK	LE-TPA 80K-FI-FK	80	32	100	Ball bearing (C)	102	100 x 85	80 x 60	9	38
LE-TPA 102G	B-TPA 102G	LE-TPA 102G-FI	100	32	110	Plain bore	125	100 x 85	80 x 60	9	36
LE-TPA 102K-FK	B-TPA 102K-FK	LE-TPA 102K-FI-FK	100	32	110	Ball bearing (C)	125	100 x 85	80 x 60	9	36
LE-TPA 127G	B-TPA 127G	LE-TPA 127G-FI	125	32	125	Plain bore	150	100 x 85	80 x 60	9	40
LE-TPA 127K-FK	B-TPA 127K-FK	LE-TPA 127K-FI-FK	125	32	125	Ball bearing (C)	150	100 x 85	80 x 60	9	40
LE-TPA 160G	B-TPA 160G	LE-TPA 160G-FI	160	40	200	Plain bore	195	140 x 110	105 x 75-80	11	54
LE-TPA 160R	B-TPA 160R	LE-TPA 160R-FI	160	40	200	Roller bearing	195	140 x 110	105 x 75-80	11	54
LE-TPA 160K	B-TPA 160K	LE-TPA 160K-FI	160	40	200	Ball bearing (C)	195	140 x 110	105 x 75-80	11	54
LE-TPA 200G	B-TPA 200G	LE-TPA 200G-FI	200	40	250	Plain bore	235	140 x 110	105 x 75-80	11	54
LE-TPA 200R	B-TPA 200R	LE-TPA 200R-FI	200	40	250	Roller bearing	235	140 x 110	105 x 75-80	11	54
LE-TPA 200K	B-TPA 200K	LE-TPA 200K-FI	200	40	250	Ball bearing (C)	235	140 x 110	105 x 75-80	11	54

For stainless steel versions refer to page 353

### Options



	Image plain bore version	Electrically conductive version, non-marking grey *	With synthetic foot guard	Wheel with additional ball bearing seals
Technical description page		36, 38	84	61
Product code suffix		-ELS	-FP	-KD
Available for		all plain bore and ball bearing versions	wheel Ø 125 mm upon request	all ball bearing versions

\* Load capacity is reduced by 35 %

Series: LER-TPA

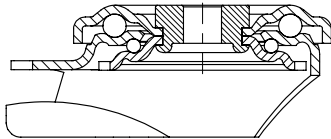
## Pressed steel castors with bolt hole fitting, wheel with thermoplastic rubber tread

100 - 250 kg

RoHS



3



**Brackets:** LER series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking. Wheel centre: Made of high-quality, impact-resistant polypropylene, silver grey (black for electrically conductive '-ELS' version). Bearing types: Plain bore, roller bearing or a centrally encapsulated ball bearing (C). Ball bearing (C) for wheel Ø 80-125 mm with synthetic thread guard as standard. Detailed description: Page 145 and 42



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LER-TPA 80G	LER-TPA 80G-FI	80	32	100	Plain bore	102	70	13	38
LER-TPA 80K-FK	LER-TPA 80K-FI-FK	80	32	100	Ball bearing (C)	102	70	13	38
LER-TPA 102G	LER-TPA 102G-FI	100	32	110	Plain bore	125	70	13	36
LER-TPA 102K-FK	LER-TPA 102K-FI-FK	100	32	110	Ball bearing (C)	125	70	13	36
LER-TPA 127G	LER-TPA 127G-FI	125	32	125	Plain bore	150	70	13	40
LER-TPA 127K-FK	LER-TPA 127K-FI-FK	125	32	125	Ball bearing (C)	150	70	13	40
LER-TPA 160G	LER-TPA 160G-FI	160	40	200	Plain bore	195	88	13	54
LER-TPA 160R	LER-TPA 160R-FI	160	40	200	Roller bearing	195	88	13	54
LER-TPA 160K	LER-TPA 160K-FI	160	40	200	Ball bearing (C)	195	88	13	54
LER-TPA 200G	LER-TPA 200G-FI	200	40	250	Plain bore	235	88	13	54
LER-TPA 200R	LER-TPA 200R-FI	200	40	250	Roller bearing	235	88	13	54
LER-TPA 200K	LER-TPA 200K-FI	200	40	250	Ball bearing (C)	235	88	13	54

For stainless steel versions refer to page 354

### Options



	Image plain bore version	Electrically conductive version, non-marking grey *	With synthetic foot guard	Wheel with additional ball bearing seals
Technical description page		36, 38	84	61
Product code suffix		-ELS	-FP	-KD
Available for		all plain bore and ball bearing versions	wheel Ø 125 mm upon request	all ball bearing versions

\* Load capacity is reduced by 35 %

Series: VGA

## Wheels with solid rubber tyres, with polypropylene rim

90 - 100 kg

RoHS



3

<b>Tread &amp; tyre hardness</b>		80° shore A
<b>Temperature resistance</b>		-20° C - +60° C
<b>Rolling resistance</b>		good
<b>Operating noise</b>		very good
<b>Floor surface preservation</b>		very good

### VGA-wheel series:

**Tyres:** Made of high-quality solid rubber, 80° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, colour dark grey, non-marking, non-staining.

(Material description page 38)

**Rims:** Made of high-quality, impact-resistant polypropylene, injection-moulded rims, colour silver grey.

### Bearing types:

- Plain bore, corrosion-resistant
- Ball bearing (C): A centrally encapsulated sealed ball bearing within the injected polypropylene, with integrated synthetic thread guard, lubricated with long-life grease.

### Other features:

High chemical resistance to many aggressive substances, except oils (table page 36-37).  
Operating temperature: -20° C to +60° C.  
At ambient temperatures above +30° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 42**

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VGA 102/12G	100	32	90	Plain bore	12	45
VGA 102/8K-FK	100	32	90	Ball bearing (C)	8	46
VGA 127/12G	125	32	100	Plain bore	12	45
VGA 127/8K-FK	125	32	100	Ball bearing (C)	8	46

### Options

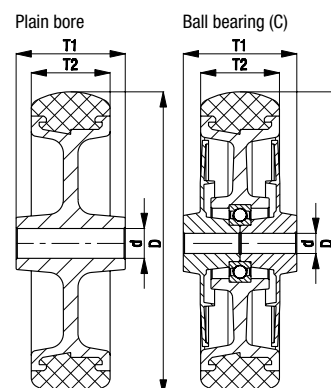


Image plain bore version

Technical description page

Product code suffix

Available for

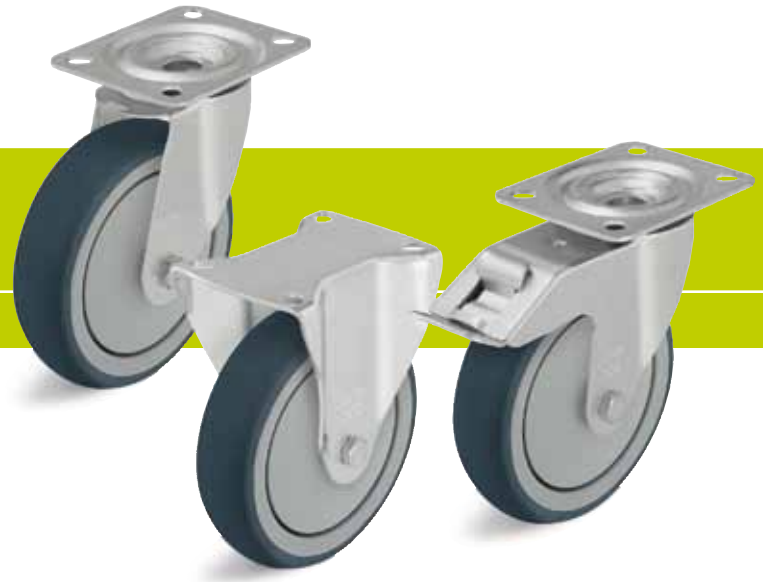


Series: LE-VGA, B-VGA

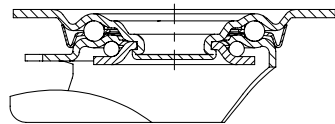
**Pressed steel castors with top plate fitting, wheel with solid rubber tyre**

90 - 100 kg

RoHS



3



**Brackets:** LE/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 64 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VGA series - Tyres: Made of high-quality solid rubber, 80° shore A, dark grey, non-marking, non-staining. Rims: Made of high-quality, impact-resistant polypropylene, injection-moulded rims, silver grey. Bearing types: Plain bore or a centrally encapsulated ball bearing (C). Ball bearing (C) with synthetic thread guard as standard. Detailed description: Page 148 and 42

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LE-VGA 102G	B-VGA 102G	LE-VGA 102G-FI	100	32	90	Plain bore	125	100 x 85	80 x 60	9	36
LE-VGA 102K-FK	B-VGA 102K-FK	LE-VGA 102K-FI-FK	100	32	90	Ball bearing (C)	125	100 x 85	80 x 60	9	36
LE-VGA 127G	B-VGA 127G	LE-VGA 127G-FI	125	32	100	Plain bore	150	100 x 85	80 x 60	9	40
LE-VGA 127K-FK	B-VGA 127K-FK	LE-VGA 127K-FI-FK	125	32	100	Ball bearing (C)	150	100 x 85	80 x 60	9	40

**Options**



	Image plain bore version	With synthetic foot guard
Technical description page		84
Product code suffix		-FP
Available for		wheel Ø 125 mm upon request

Series: LER-VGA

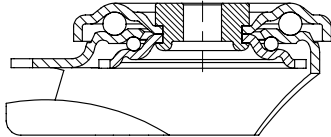
**Pressed steel castors with bolt hole fitting, wheel with solid rubber tyre**

90 - 100 kg

RoHS



3



**Brackets:** LER series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VGA series - Tyres: Made of high-quality solid rubber, 80° shore A, dark grey, non-marking, non-staining. Rims: Made of high-quality, impact-resistant polypropylene, injection-moulded rims, silver grey. Bearing types: Plain bore or a centrally encapsulated ball bearing (C). Ball bearing (C) with synthetic thread guard as standard. Detailed description: Page 148 and 42

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LER-VGA 102G	LER-VGA 102G-FI	100	32	90	Plain bore	125	70	13	36
LER-VGA 102K-FK	LER-VGA 102K-FI-FK	100	32	90	Ball bearing (C)	125	70	13	36
LER-VGA 127G	LER-VGA 127G-FI	125	32	100	Plain bore	150	70	13	40
LER-VGA 127K-FK	LER-VGA 127K-FI-FK	125	32	100	Ball bearing (C)	150	70	13	40

**Options**



	Image plain bore version	With synthetic foot guard
Technical description page		84
Product code suffix		-FP
Available for		wheel Ø 125 mm upon request

