

Tyres and press-on bands



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Series: BSEV

Super-elastic solid rubber tyres

400 - 1885 kg

RoHS



Ribbed profile R50



Zig-zag profile B50

Tread & tyre hardness	70° shore A
Temperature resistance	-30° C - +80° C temporarily up to +100° C
Rolling resistance	good
Operating noise	very good
Floor surface preservation	very good

BSEV-tyre series:

Made of super-elastic solid rubber, tough and hard rubber core, steel-wire reinforced, very high operational comfort, very good floor preservation, colour black.

Wheel Ø 250-306 mm: 2-component tyre, super-elastic, abrasion-resistant tread.

Wheel Ø 405-525 mm: 3-component tyre, super-elastic cushion layer, abrasion-resistant tread. (Material description page 38)

Other features:

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

Operating temperature: -30° C to +80° C, temporarily up to +100° C.

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

These tyres are suitable for fitting to the standard rims listed in the table.

Wheel series overview page 59

Tyres with ribbed profile	Tyres with zig-zag profile	Tyre Ø * (D) [mm]	Tyre width * (T2) [mm]	Tyre dimension	Rim dimension	Load cap. at 6 km/h [kg]	Load cap. at 25 km/h [kg]	Profile ribbed profile	Profile zig-zag profile
BSEV 3.00-4-RP	BSEV 3.00-4	250	85	3.00-4	2.10-4	400	300	R50	B51
BSEV 3.00-4/2.50-4-RP	BSEV 3.00-4/2.50-4	250	85	3.00-4	2.50C-4	600	475	R50	B51
BSEV 4.00-4-RP	BSEV 4.00-4	306	105	4.00-4	2.50C-4	700	535	R50	B50
BSEV 4.00-8-RP	BSEV 4.00-8	405	105	4.00-8	3.00D-8	950	730	R50	B50
	BSEV 5.00-8	455	120	5.00-8	3.00D-8	1415	1090		B50
	BSEV 6.00-9	525	140	6.00-9	4.00E-9	1885	1450		B50

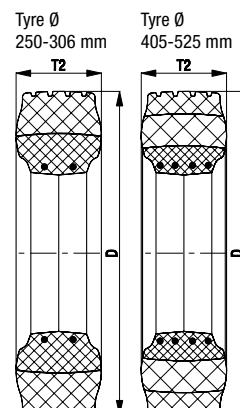
* Tyre dimensions are valid for unloaded, new tyres and may slightly change during operation

Further dimensions upon request

Options



Image size 250x85 mm, zig-zag profile B51	With non-marking tyre **	Further versions
Technical description page	38	
Product code suffix	-SN	
Available for	upon request	upon request



** BSEV 3.00-4/2.50-4-RP, BSEV 3.00-4/2.50-4 non marking grey, others non-marking natural colour

Series: BEV, outer Ø 125 - 360 mm

Press-on bands with elastic solid rubber tread



160 - 1150 kg

RoHS

Tread & tyre hardness	65° shore A
Temperature resistance	-30° C - +80° C temporarily up to +100° C
Rolling resistance	very good
Operating noise	very good
Floor surface preservation	very good

BEV-press-on band series:

Made of high-quality elastic solid rubber, 65° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, colour black, for wheel centres with outer diameter h11.

ZDG-version: Smooth rolling quality, low rolling resistance, steel-wire reinforced.

ZST-version: Drive-quality, abrasion resistance, vulcanised onto the steel ring.

(Material description page 38)

Other features:

Chemical resistance to many aggressive substances, except oils (table page 36-37). Operating temperature: -30° C to +80° C, temporarily up to +100° C.

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

Wheel series overview page 59

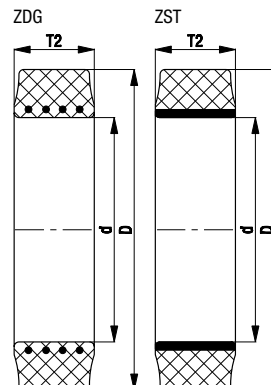
With steel insert (ZDG)	On steel ring (ZST)	Outer Ø (D) [mm]	Width (T2) [mm]	Internal Ø (d) [mm]	Load cap. at 4 km/h [kg]	Load cap. at 16 km/h [kg]
BEV 125x50/75-ZDG		125	50	75	160	100
	BEV 150x75/100-ZST	150	75	100	375	225
BEV 160x50/100-ZDG	BEV 160x50/100-ZST	160	50	100	250	150
BEV 180x75/120-ZDG		180	75	120	450	260
BEV 200x50/140-ZDG	BEV 200x50/140-ZST	200	50	140	350	180
BEV 200x75/100-ZDG	BEV 200x75/100-ZST	200	75	100	500	300
BEV 200x85/105-ZDG		200	85	105	550	330
BEV 230x85/170-ZDG		230	85	170	625	380
BEV 250x50/190-ZDG		250	50	190	450	270
BEV 250x60/170-ZDG		250	60	170	550	330
BEV 250x60/190-ZDG	BEV 250x60/190-ZST	250	60	190	525	320
BEV 250x75/140-ZDG	BEV 250x75/140-ZST	250	75	140	625	380
BEV 250x80/170-ZDG	BEV 250x80/170-ZST	250	80	170	675	410
	BEV 250x105/170-ZST	250	105	170	845	510
BEV 250x130/140-ZDG	BEV 250x130/140-ZST	250	130	140	1065	800
BEV 265x160/160-ZDG		265	160	160	1150	690
BEV 270x105/170-ZDG		270	105	170	900	540
BEV 280x50/220-ZDG	BEV 280x50/220-ZST	280	50	220	525	320
BEV 280x75/220-ZDG		280	75	220	725	440
	BEV 285x75/220-ZST	285	75	220	725	440
BEV 300x75/220-ZDG		300	75	220	750	450
BEV 300x75/240-ZDG		300	75	240	700	420
BEV 300x80/170-ZDG		300	80	170	750	455
BEV 300x85/170-ZDG	BEV 300x85/170-ZST	300	85	170	800	480
BEV 300x90/203-ZDG	BEV 300x90/203-ZST	300	90	203	900	540
	BEV 300x100/203-ZST	300	100	203	975	590
BEV 310x120/220-ZDG		310	120	220	1050	630
BEV 360x60/270-ZDG	BEV 360x60/270-ZST	360	60	270	750	450
BEV 360x75/270-ZDG	BEV 360x75/270-ZST	360	75	270	950	570
BEV 360x85/270-ZDG	BEV 360x85/270-ZST	360	85	270	1050	630

For further dimensions refer to the next page

Options



	With non-marking natural colour tyre	Further versions
Technical description page	38	
Product code suffix	-SN	
Available for	upon request	upon request



Series: BEV, outer Ø 400 - 620 mm

Press-on bands with elastic solid rubber tread

900 - 4650 kg

RoHS



Tread & tyre hardness	65° shore A
Temperature resistance	-30° C - +80° C temporarily up to +100° C
Rolling resistance	very good
Operating noise	very good
Floor surface preservation	very good

BEV-press-on band series:

Made of high-quality elastic solid rubber, 65° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, colour black, for wheel centres with outer diameter h11.

ZDG-version: Smooth rolling quality, low rolling resistance, steel-wire reinforced.

ZST-version: Drive-quality, abrasion resistance, vulcanised onto the steel ring.

(Material description page 38)

Other features:

Chemical resistance to many aggressive substances, except oils (table page 36-37).
Operating temperature: -30° C to +80° C, temporarily up to +100° C.

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

Wheel series overview page 59

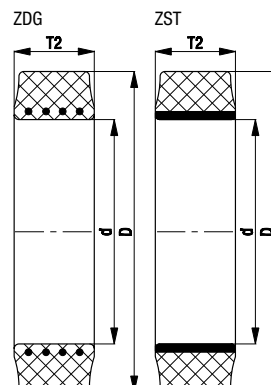
With steel insert (ZDG)	On steel ring (ZST)	Outer Ø (D) [mm]	Width (T2) [mm]	Internal Ø (d) [mm]	Load cap. at 4 km/h [kg]	Load cap. at 16 km/h [kg]
BEV 400x65/305-ZDG		400	65	305	900	540
BEV 400x75/305-ZDG		400	75	305	1000	600
	BEV 405x65/305-ZST	405	65	305	900	540
BEV 405x75/305-ZDG		405	75	305	1000	600
BEV 405x130/305-ZDG		405	130	305	1500	900
	BEV 405x130/305-ZST	405	130	305	1510	1130
	BEV 415x75/305-ZST	415	75	305	1050	630
BEV 415x90/305-ZDG		415	90	305	1150	690
	BEV 415x100/305-ZST	415	100	305	1250	750
BEV 425x150/305-ZDG		425	150	305	1800	1100
	BEV 425x150/305-ZST	425	150	305	1910	1430
	BEV 450x300/305-ZST	450	300	305	4650	3490
	BEV 457x152/308-ZST	457 (18")	152 (6")	308 (12 1/8")	2240	1575
	BEV 457x178/308-ZST	457 (18")	178 (7")	308 (12 1/8")	2550	1915
	BEV 457x229/308-ZST	457 (18")	229 (9")	308 (12 1/8")	3460	2595
BEV 500x65/410-ZDG		500	65	410	1100	660
BEV 500x85/370-ZDG		500	85	370	1300	780
BEV 520x100/370-ZDG		520	100	370	1525	920
	BEV 520x120/370-ZST	520	120	370	1775	1065
BEV 525x120/370-ZDG		525	120	370	1800	1075
BEV 540x200/410-ZDG	BEV 540x200/410-ZST	540	200	410	3000	1800
	BEV 550x150/370-ZST	550	150	370	2250	1355
BEV 550x160/410-ZDG		550	160	410	2250	1350
	BEV 550x160/410-ZST	550	160	410	2550	1915
	BEV 560x100/410-ZST	560	100	410	1350	1010
BEV 560x100/410-ZDG		560	100	410	1600	960
BEV 610x150/410-ZDG		610	150	410	2250	1350
	BEV 610x150/410-ZST	610	150	410	2500	1875
BEV 620x200/410-ZDG		620	200	410	3000	1800
	BEV 620x200/410-ZST	620	200	410	3785	2835

Further dimensions upon request



Options

	With non-marking natural colour tyre	Further versions
Technical description page	38	
Product code suffix	-SN	
Available for	upon request	upon request



Series: BTH

Press-on bands with Blickle Extrathane® polyurethane tread

420 - 6000 kg

RoHS



Tread & tyre hardness	92° shore A
Temperature resistance	-30° C - +70° C temporarily up to +90° C
Rolling resistance	very good
Operating noise	good
Floor surface preservation	good



BTH-press-on band series:

Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, low rolling resistance, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the steel ring, for wheel centres with outer diameter h11.

(Material description page 39)

Other features:

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

Operating temperature: -30° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

Wheel series overview page 59

Press-on bands	Outer Ø (D) [mm]	Width (T2) [mm]	Internal Ø (d) [mm]	Load capacity [kg]
BTH 125x40/75	125	40	75	420
BTH 125x50/75	125	50	75	550
BTH 150x50/100	150	50	100	650
BTH 150x75/100	150	75	100	950
BTH 150x130/100	150	130	100	1650
BTH 160x50/100	160	50	100	650
BTH 180x50/120	180	50	120	750
BTH 180x75/120	180	75	120	1100
BTH 180x100/105	180	100	105	1400
BTH 200x50/140	200	50	140	850
BTH 200x60/150	200	60	150	1000
BTH 200x75/100	200	75	100	1100
BTH 200x80/120	200	80	120	1200
BTH 200x85/105	200	85	105	1300
BTH 200x105/120	200	105	120	1600
BTH 200x130/105	200	130	105	1900
BTH 230x85/170	230	85	170	1600
BTH 250x50/190	250	50	190	1000
BTH 250x60/190	250	60	190	1200
BTH 250x80/170	250	80	170	1500
BTH 250x105/170	250	105	170	2100
BTH 250x130/140	250	130	140	2500
BTH 254x127/165	254 (10")	127 (5")	165.1 (6.5")	2500
BTH 260x105/170	260	105	170	2200
BTH 285x75/220	285	75	220	1700
BTH 285x100/200	285	100	200	2300
BTH 285x100/228	285	100	228.6 (9")	2300
BTH 290x105/185	290	105	185	2300
BTH 300x90/203	300	90	203	2000
BTH 343x115/245	343	115	245	3500
BTH 350x110/270	350	110	270	2900
BTH 360x120/220	360	120	220	3300
BTH 405x130/305	405	130	305	3800
BTH 415x100/305	415	100	305	3000
BTH 610x150/410	610	150	410	6000

For further dimensions refer to page 478-479



Series: BB, outer Ø 125 - 254 mm

Press-on bands with Blickle Besthane® polyurethane tread

420 - 2200 kg

RoHS



Tread & tyre hardness	92° shore A
Temperature resistance	-30° C - +70° C temporarily up to +90° C
Rolling resistance	excellent
Operating noise	good
Floor surface preservation	good



BB-press-on band series:

Made of high-quality, reaction-injected polyurethane-elastomer Blickle Besthane®, 92° shore A hardness, low-noise operation, very low rolling resistance, **high dynamic load capacity**, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, very good chemical connection with the steel ring, for wheel centres with outer diameter h11.

(Material description page 39)

Other features:

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

Operating temperature: -30° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

Wheel series overview page 59

Press-on bands	Outer Ø (D) [mm]	Width (T2) [mm]	Internal Ø (d) [mm]	Load cap. at 4 km/h [kg]	Load cap. at 10 km/h * [kg]	Load cap. at 16 km/h * [kg]
BB 125x40/75	125	40	75	420	300	160
BB 125x50/75	125	50	75	550	380	200
BB 150x50/100	150	50	100	650	450	250
BB 150x75/100	150	75	100	950	650	350
BB 150x130/100	150	130	100	1650	1100	650
BB 160x50/100	160	50	100	650	450	250
BB 180x50/120	180	50	120	750	500	300
BB 180x75/120	180	75	120	1100	750	400
BB 180x100/105	180	100	105	1400	900	550
BB 200x50/140	200	50	140	850	550	300
BB 200x60/150	200	60	150	1000	650	400
BB 200x75/100	200	75	100	1100	750	425
BB 200x80/120	200	80	120	1200	800	450
BB 200x85/105	200	85	105	1300	950	500
BB 200x105/120	200	105	120	1600	1100	600
BB 200x130/105	200	130	105	1900	1300	750
BB 230x85/170	230	85	170	1600	1000	600
BB 250x50/190	250	50	190	1000	700	400
BB 250x60/190	250	60	190	1200	800	450
BB 250x80/170	250	80	170	1500	1000	600
BB 250x105/170	250	105	170	2100	1470	800
BB 250x130/140	250	130	140	2200	1500	850
BB 254x127/165	254 (10")	127 (5")	165.1 (6.5")	2200	1500	850

* Considerably higher load capacities are possible for applications without obstacles

For further dimensions refer to the next page



Series: BB, outer Ø 260 - 750 mm

Press-on bands with Blickle Besthane® polyurethane tread

1400 - 10000 kg RoHS



Tread & tyre hardness	92° shore A
Temperature resistance	-30° C - +70° C temporarily up to +90° C
Rolling resistance	excellent
Operating noise	good
Floor surface preservation	good



BB-press-on band series:

Made of high-quality, reaction-injected polyurethane-elastomer Blickle Besthane®, 92° shore A hardness, low-noise operation, very low rolling resistance, **high dynamic load capacity**, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, very good chemical connection with the steel ring, for wheel centres with outer diameter h11.

(Material description page 39)

Other features:

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

Operating temperature: -30° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

Wheel series overview page 59

Press-on bands	Outer Ø (D) [mm]	Width (T2) [mm]	Internal Ø (d) [mm]	Load cap. at 4 km/h [kg]	Load cap. at 10 km/h * [kg]	Load cap. at 16 km/h * [kg]
BB 260x105/170	260	105	170	2200	1500	850
BB 285x75/220	285	75	220	1700	1200	650
BB 285x100/200	285	100	200	2300	1500	900
BB 285x100/228	285	100	228.6 (9")	2300	1500	900
BB 290x105/185	290	105	185	2200	1500	850
BB 300x90/203	300	90	203	2000	1400	800
BB 310x60/220	310	60	220	1400	1000	550
BB 310x120/203	310	120	203	2500	1750	1000
BB 310x120/220	310	120	220	2500	1750	1000
BB 343x114/225	343	114	225	3000	2100	1200
BB 343x115/245	343	115	245	3000	2100	1200
BB 343x140/245	343	140	245	3500	2400	1400
BB 350x110/270	350	110	270	2900	2000	1100
BB 360x60/270	360	60	270	1600	1100	600
BB 360x120/220	360	120	220	3200	2200	1200
BB 415x90/305	415	90	305	2700	1800	1000
BB 415x100/305	415	100	305	3000	2100	1200
BB 645x250/500	645	250	500	10000	7000	4000
BB 750x150/640	750	150	640	8000	5600	3200

* Considerably higher load capacities are possible for applications without obstacles

Further dimensions upon request

