

High savings with low weight

BPW 5.5t axles



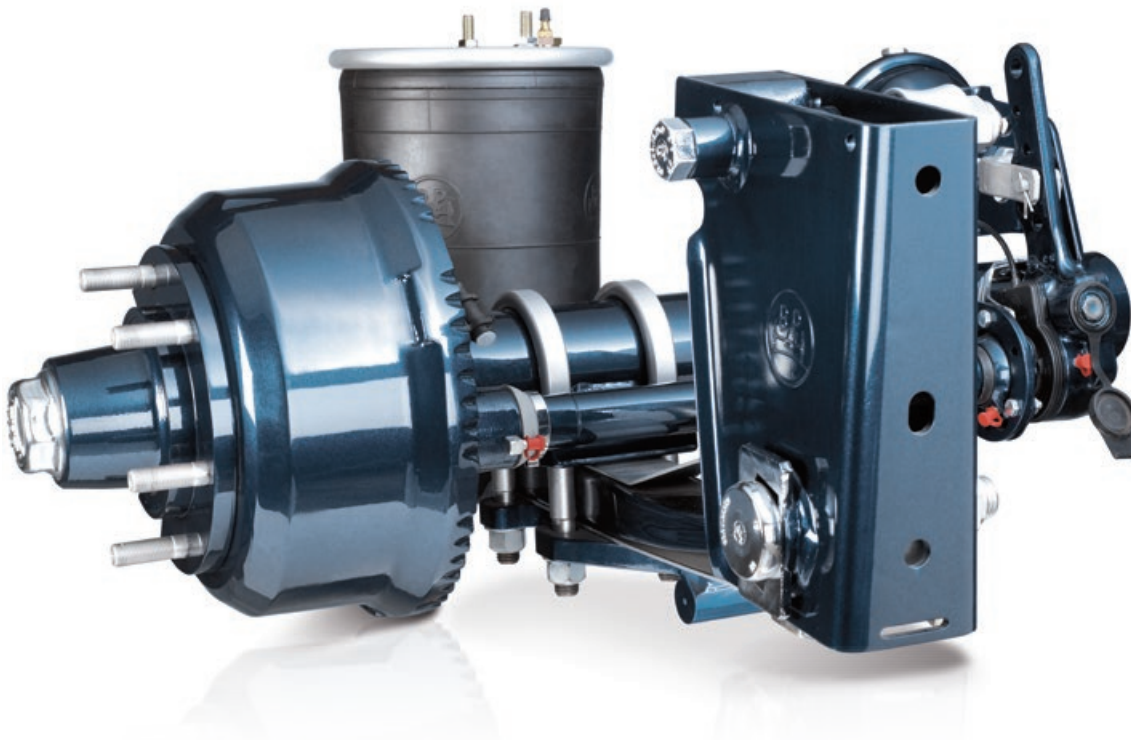


Naturally light.

BPW 5.5 t axle with drum or disc brakes

There are special requirements for weight-optimised vehicles or for trailers to be used in the landscaping trade or for commune work. Here, the lightweight NR and SNR axles from BPW have proven themselves throughout decades of everyday operation. Thanks to an EPD surface coating based on zinc phosphate, rust and stone chips have absolutely no chance. Another detail that contributes to the

long life expectancy is the reliable standard DIN-ISO roller bearings. They represent the quickest possible spare part availability and high service friendliness, because with these stepped bearings, the hubs can be pulled off very easily. In addition, our extensive dealer network and 3,200 service partners ensure the greatest possible mobility for you at all times.



NRS 5506 with
SLU Air Suspension

Product features

- With disc brake or drum brake
- Suspension weight, for example at track width 2,200 mm and in combination with BPW air suspension:
 - with drum brake 298 kg
 - with disc brake 310 kg
- For single or twin wheels
- Wheel sizes ranging from 15" to 19.5" with NR axles and 17.5" to 19.5" with SNR axles
- Bolt or spigot alignment
- Optionally with ABS
- KTL_{Zn}-coating

BPW 5.5t axles – with or without air suspension

Track SP (mm)		Axle cross section (mm)	Spring centre FM (mm)									
Single wheel	Twin wheel		900	980	1,100	1,200	1,300	1,400	1,500	1,600	1,700	without
1,600	1,620	101x12										
1,700	1,720	101x12										
1,800	1,820	101x12										
1,800	1,820	101x16										
1,900	1,920	101x12										
1,900	1,920	101x16										
2,000	2,020	101x12										
2,000	2,020	101x16										
2,100	2,120	101x12										
2,100	2,120	101x16										
2,200	2,220	101x12										
2,200	2,220	101x16										
2,300		101x12										
2,300		101x16										

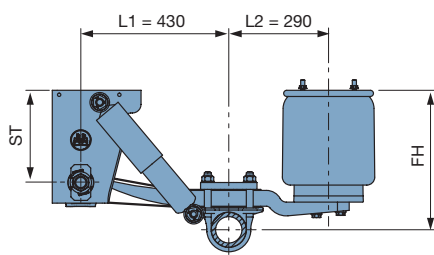
Total product range
 Standard series for twin wheels
 Standard series for single wheels

BPW 5.5t air suspension units – air suspension SL

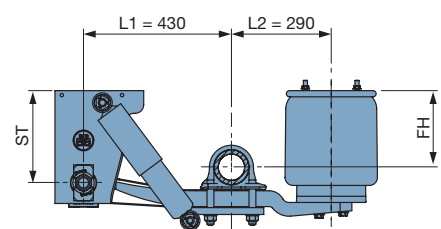
Series	Width trailing arm (mm)	Air suspension bracket ST (mm)	Air suspension bag	Axle type drum brake SN 3010	Adjustable ride height FH (mm)		Axle type disc brake SB 3307	Adjustable ride height FH (mm)	
					for axle units	laden without air		for axle units	laden without air
SLO	46	184	30K	NRS / NRZ	375-395	295	SNRS / SNRZ	375-395	295
SLO	46	268	30K	NRS / NRZ	405-445	325	SNRS / SNRZ	405-445	325
SLO	46	268	30	NRS / NRZ	435-480	355	SNRS / SNRZ	435-480	355
SLU	46	184	30K	NRS / NRZ	180-230	110	- / -	-	-
SLU	46	268	30K	NRS / NRZ	225-265	145	SNRS / SNRZ	225-265	145
SLU	46	268	30	NRS / NRZ	250-320	170	SNRS / SNRZ	250-320	170

Versions according to TE-3030, weight of the air suspension components approx. 90 kg (depending on version).
Further versions on request.

Air suspension SLO (single leaf spring)



Air suspension SLU (single leaf spring)



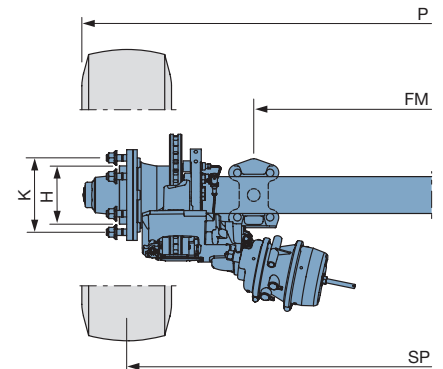
Standard series rigid axles up to 5,500 kg

Permissible axle load	5,500 kg
Axle cross section	Ø 101.6 mm
Wheel connection	6 wheel studs, H Ø 205 mm, K Ø 160.8 mm
Wheel offset	ET 0 (minimum offset dimension for twin wheels, depending on rim / tyre)
Tyre sizes	15" (only NR axles) / 17.5" / 19.5"
Bracket version	G

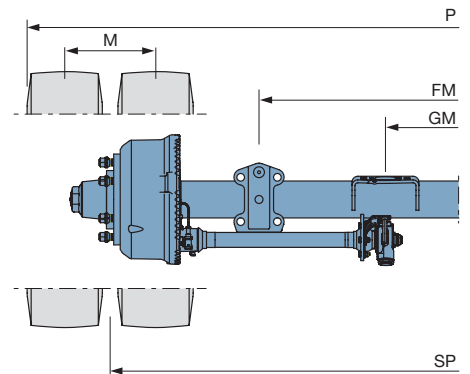
Axle type	Brake	Track width SP (mm)	Spring centre FM (mm)	Bracket centre GM (mm)*	Tyre example	Overall width P (mm)**	Axle weight (kg)
		1,800	1,200	354		2,045	190
NRS 5506	SN 3010	1,900	1,300	454	235/75	2,145	193
SNR 5506	SB 3307	2,000	1,400	554	R17,5	2,245	196
		2,100	1,500	654		2,345	199
NRZ 5506	SN 3010	1,820	1,100	354	205/80 R15	2,265	190
SNRZ 5506	SB 3307	1,920	1,200	454		2,365	193
		2,020	1,300	554		2,477	198

* Only for NR axles. ** Depending on rim / tyre.

SNRS 5506



NRZ 5506

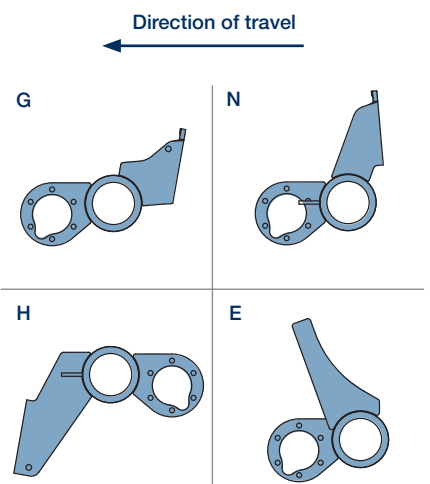


Options

ABS	
Bracket versions	N / H / E
Axle beam with increased diameter	101.6 x 16 mm instead of 101.6 x 12 mm
Version for spigot alignment	
Hub bearing	fordable
Brake cylinder	16", 16/24" (length push rod 185 mm)

Bracket versions NR axles

Model	Position
G	10° rear position (standard version)
N	5° rear position
H	10° forward position for hanging brake cylinders
E	20° forward position





BPW Flyer 5.5t axles 15751401e

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Your partner on the path to **economic** viability

BPW is a globally leading manufacturer of intelligent running gear systems for trailers and semi-trailers. As an international mobility and system partner, we offer a wide range of solutions for the transport industry from a single source, from axle to suspension and brake to user-friendly telematics applications. We thereby ensure outstanding transparency in loading and transport processes and facilitate efficient fleet management. Today, the well-established brand represents an international corporation with a wide product and service portfolio for the commercial vehicle industry. Offering running gear systems, telematics, lighting systems, composite solutions and trailer superstructures, BPW is the right system partner for automotive manufacturers.

BPW, the owner-operated company, consistently pursues one target: to always give you exactly the solution which will pay off. To this end, we focus our attention on uncompromising quality for high reliability and service life, weight and time-saving concepts for low operating and maintenance costs as well as personal customer service and a close-knit service network for quick and direct support. You can be sure that with your international mobility partner BPW, you always use the most efficient method.

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