

BPW Agricultural Solutions

Product catalogue

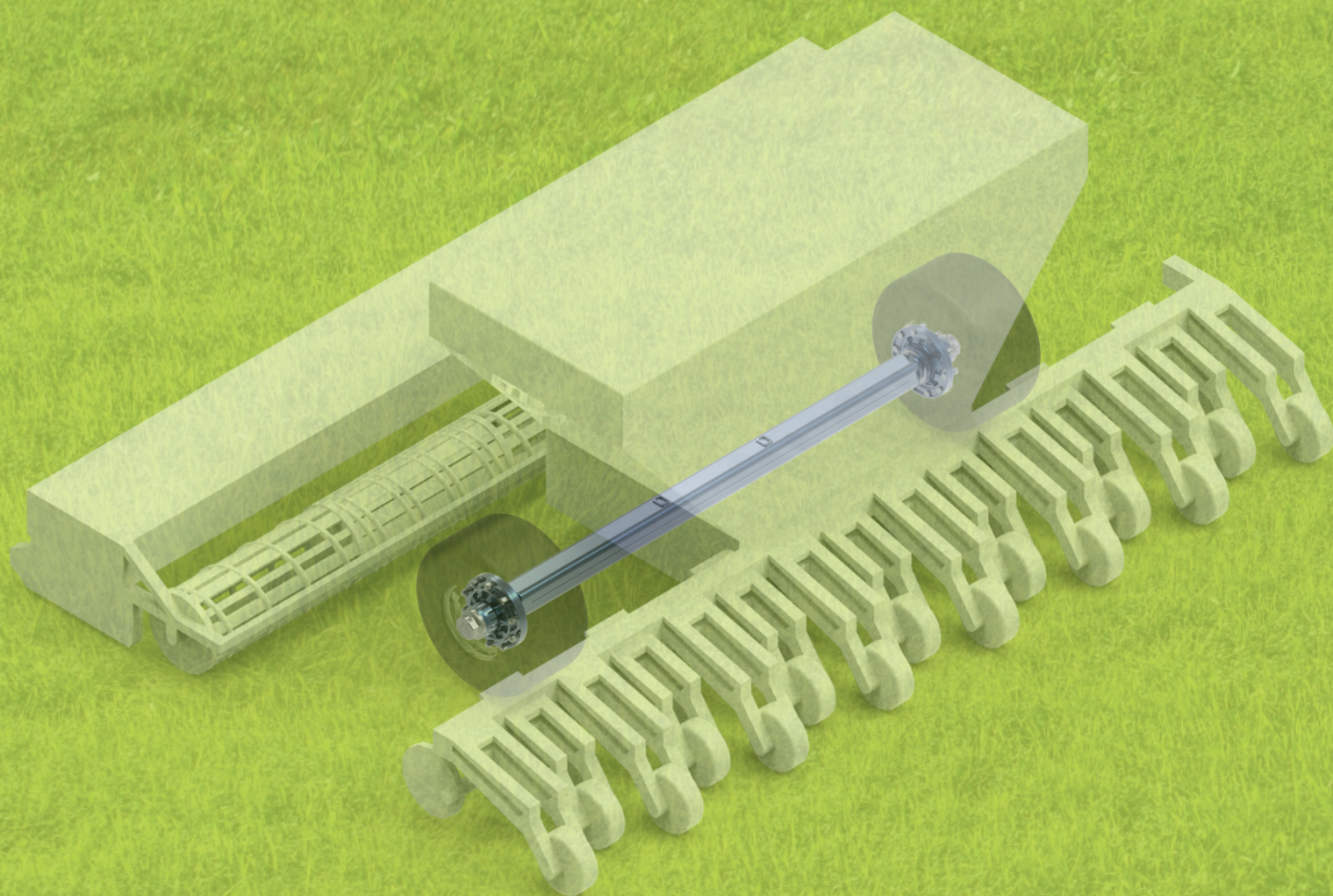
Field of application: Soil cultivation and seeding

EN

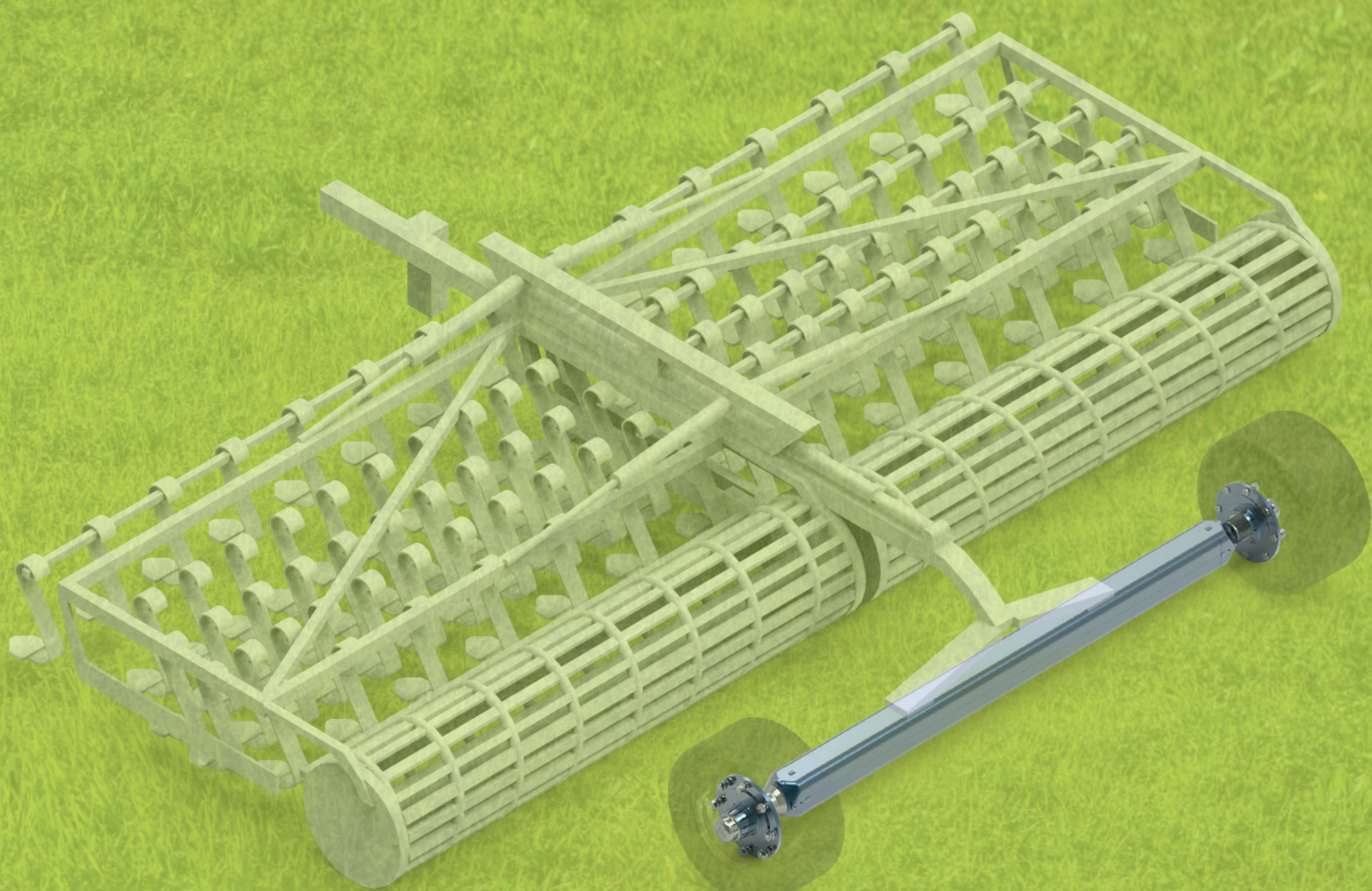


Relevant vehicles

BPW recommendations

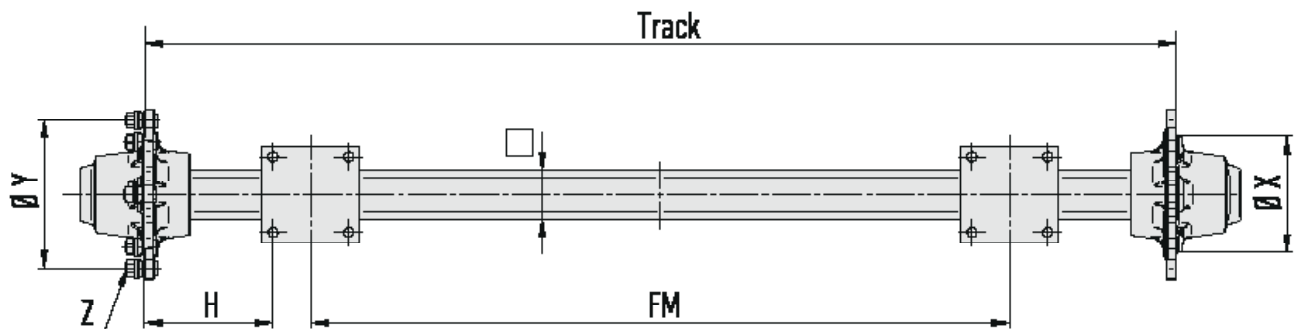


Seeder



Soil cultivation equipment

Unbraked axles with solid and hollow axle beam



Designation	Axle cross-section (mm)	H (mm)	Static axle load (kg)									Wheel connection		
			25 km/h			40 km/h			60 km/h			Z	Ø X (mm)	Ø Y (mm)



Unbraked axles up to 3.600 kg axle load with bearing 30206/30209

GS 3606	55	215	4.000	3.400	0	3.700	3.100	0	3.400	2.900	0	6	M18 x 1,5	160	205
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Unbraked axles up to 4.000 kg axle load with bearing 32207/30210

GS 4006	60	210	5.300	4.500	0	4.900	4.100	0	4.500	3.800	0	6	M18 x 1,5	160	205
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Unbraked axles up to 5.500 kg axle load with bearing 32207/32013x

GS 5506	70	250	7.000	6.000	5.500	6.500	5.500	5.000	6.000	5.000	4.500	6	M18 x 1,5	160	205
GS 5506	80	370	7.000	6.000	5.500	6.500	5.500	5.000	6.500	5.000	4.500	6	M18 x 1,5	160	205
GS 5508	70	250	7.000	6.000	5.500	6.500	5.500	5.000	6.500	5.000	4.500	8	M20 x 1,5	220	275
GS 5508	80	370	7.000	6.000	5.500	6.500	5.500	5.000	6.500	5.000	4.500	8	M20 x 1,5	220	275

Unbraked axles up to 7.000 kg axle load with bearing 30210/32014x

GS 7006	80	290	9.000	7.500	7.000	8.500	7.000	6.500	7.500	6.500	6.000	6	M18 x 1,5	160	205
GS 7006	90	410	9.000	7.500	7.000	8.500	7.000	6.500	7.500	6.500	6.000	6	M18 x 1,5	160	205
GS 7008	80	290	9.000	7.500	7.000	8.500	7.000	6.500	7.500	6.500	6.000	8	M20 x 1,5	220	275
GS 7008	90	410	9.000	7.500	7.000	8.500	7.000	6.500	7.500	6.500	6.000	8	M20 x 1,5	220	275
GS 7008	120 x 15	645	9.000	7.500	7.000	8.500	7.000	6.500	7.500	6.500	6.000	8	M18 x 1,5	220	275

Unbraked axles up to 8.000 kg axle load with bearing 32213/32215

GS 8008	90	345	11.000	9.500	8.500	10.000	8.500	8.000	9.000	8.000	7.500	8	M20 x 1,5	220	275
GS 8008	100	475	11.000	9.500	8.500	10.000	8.500	8.000	9.000	8.000	7.500	8	M20 x 1,5	220	275
GS 8010	90	345	11.000	9.500	8.500	10.000	8.500	8.000	9.000	8.000	7.500	10	M22 x 1,5	280	335
GS 8010	100	475	11.000	9.500	8.500	10.000	8.500	8.000	9.000	8.000	7.500	10	M22 x 1,5	280	335

Unbraked axles up to 9.000 kg axle load with bearing 32213/32215

GS 9008	110 x 10*	305	11.500	10.000	9.000	10.500	9.000	8.500	9.500	8.500	8.000	8	M20 x 1,5	220	275
GS 9008	110 x 14	385	11.500	10.000	9.000	10.500	9.000	8.500	9.500	8.500	8.000	8	M20 x 1,5	220	275
GS 9010	110 x 10*	305	11.500	10.000	9.000	10.500	9.000	8.500	9.500	8.500	8.000	10	M22 x 1,5	280	335
GS 9010	110 x 14	385	11.500	10.000	9.000	10.500	9.000	8.500	9.500	8.500	8.000	10	M22 x 1,5	280	335

Unbraked axles up to 11.000 kg axle load with bearing 32310/33116

GS 11008	120 x 10	325	14.000	12.500	11.000	13.000	11.500	10.000	11.500	10.500	9.000	8	M20 x 1,5	220	275
GS 11008	120 x 15	420	14.000	12.500	11.000	13.000	11.500	10.000	11.500	10.500	9.000	8	M20 x 1,5	220	275
GS 11010	120 x 10	325	14.000	12.500	11.000	13.000	11.500	10.000	11.500	10.500	9.000	10	M22 x 1,5	280	335
GS 11010	120 x 15	420	14.000	12.500	11.000	13.000	11.500	10.000	11.500	10.500	9.000	10	M22 x 1,5	280	335

Unbraked axles up to 12.000 kg axle load with bearing 33213/33118

GS 12010	150 x 10	425	15.000	15.000	14.000	15.000	15.000	13.000	15.000	13.500	12.000	10	M22 x 1,5	280	335
GS 12010	150 x 16	565	15.000	15.000	14.000	15.000	15.000	13.000	15.000	13.500	12.000	10	M22 x 1,5	280	335

Unbraked axles up to 14.000 kg axle load with bearing 32219/33215

GS 14010	150 x 16	530	17.000	17.000	16.000	17.000	16.000	15.000	16.000	15.000	14.000	10	M22 x 1,5	280	335
GS 14010	150 x 20	615	17.000	17.000	16.000	17.000	16.000	15.000	16.000	15.000	14.000	10	M22 x 1,5	280	335
GS 14010	150 x 24	725	17.000	17.000	16.000	17.000	16.000	15.000	16.000	15.000	14.000	10	M22 x 1,5	280	335

*The list of options does not apply for these versions. Options available on request.

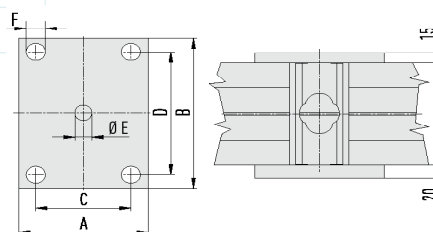
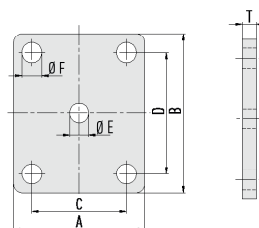
Track: 1.500—2.300 mm in 50-mm increments. Other dimensions available on request.

Spring centre on request.

List of Options



Spring seat							
Designation				Representation / description			
without				—			
Spring seat for axle types GS 3006 — GS 8010							
Spring	Square	C	D	E	F	A	t
80	70	101	125	20	21	140	15
	80	101	135	20	21	140	15
	90	101	145	20	21	140	15
	100	101	155	20	21	140	15
100	90	126	155	25	26	165	15
	100	126	165	25	26	165	15
Spring seat for axle types GS 9008 — GS 14010							
Spring	Square	C	D	F	A	B	
80	120	101	155	21	140	195	
100	120	125	150	26	175	200	
100	120	125	150	26	175	200	
100	150	125	180	25	170	220	
100	150	125	180	25	170	220	



* Other spring seats available on request.

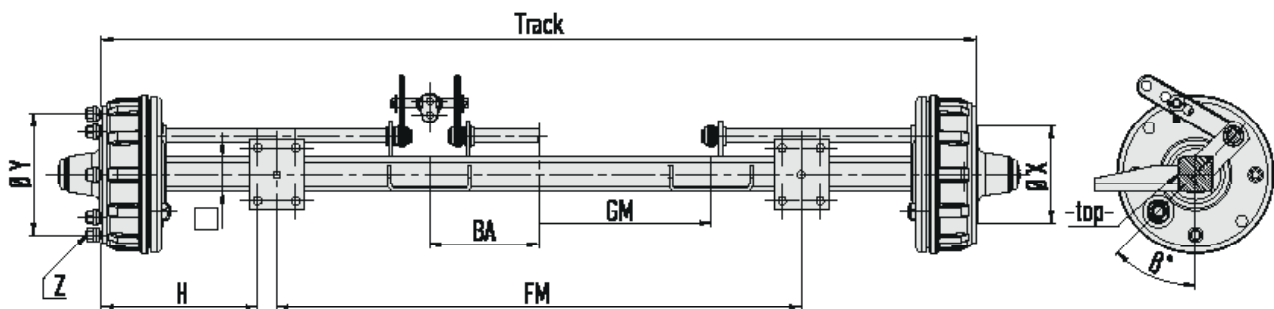
Preparation for central tire inflation system	
Designation	Representation / description
without	—
with	possible only for types GS 11010 (8) / GS 12010 / GS 14010

Twin tyres	
Designation	Representation / description
without	—
with	possible only for types GS 11010 (8) / GS 12010 / GS 14010

Sensor — SDS/ABS	
Designation	Representation / description
without	—
with	possible only for types GS 11010 (8) / GS 12010 / GS 14010

Special seal	
Designation	Representation / description
without	—
with	Sealing suitable for difficult conditions

Braked axles with solid axle beam



Designation	Axle cross-section (mm)	H	Static axle load (kg)									Brake	Wheel connection				
			25 km/h			40 km/h			60 km/h				Z	Ø X (mm)	Ø Y (mm)		
																	
Braked axles up to 3.600 kg axle load																	
GS 3606	55	215	4.000	3.400	0	3.700	3.100	0	3.400	2.900	0	N 3006	6	M18 x 1,5	160	205	
Braked axles up to 4.000 kg axle load																	
GS 4006	60	210	5.300	4.500	0	4.900	4.100	0	4.500	3.800	0	N 3006	6	M18 x 1,5	160	205	
GS 4006	70	330	5.300	4.500	0	4.900	4.100	0	4.500	3.800	0	N 3006	6	M18 x 1,5	160	205	
Braked axles up to 5.500 kg axle load																	
GS 5506	70	250	7.000	6.000	5.500	6.500	5.500	5.000	6.000	5.000	4.500	N 3006	6	M18 x 1,5	160	205	
GS 5506	70	250	7.000	6.000	5.500	6.500	5.500	5.000	6.000	5.000	4.500	N 3108	6	M18 x 1,5	160	205	
GS 5506	80	370	7.000	6.000	5.500	6.500	5.500	5.000	6.000	5.000	4.500	N 3108	6	M18 x 1,5	160	205	
GS 5508	70	250	7.000	6.000	5.500	6.500	5.500	5.000	6.000	5.000	4.500	N 3108	8	M20 x 1,5	220	275	
GS 5508	80	370	7.000	6.000	5.500	6.500	5.500	5.000	6.000	5.000	4.500	N 3108	8	M20 x 1,5	220	275	
Braked axles up to 7.000 kg axle load																	
GS 7006	80	290	9.000	7.500	7.000	8.500	7.000	6.500	7.500	6.500	6.000	N 3108	6	M18 x 1,5	160	205	
GS 7006	90	410	9.000	7.500	7.000	8.500	7.000	6.500	7.500	6.500	6.000	N 3108	6	M18 x 1,5	160	205	
GS 7006	80	290	9.000	7.500	7.000	8.500	7.000	6.500	7.500	6.500	6.000	N 3411	6	M20 x 1,5	220	275	
GS 7006	90	410	9.000	7.500	7.000	8.500	7.000	6.500	7.500	6.500	6.000	N 3411	6	M20 x 1,5	220	275	
GS 7008	80	290	9.000	7.500	7.000	8.500	7.000	6.500	7.500	6.500	6.000	N 3108	8	M20 x 1,5	220	275	
GS 7008	90	410	9.000	7.500	7.000	8.500	7.000	6.500	7.500	6.500	6.000	N 3108	8	M20 x 1,5	220	275	
GS 7008	80	290	9.000	7.500	7.000	8.500	7.000	6.500	7.500	6.500	6.000	N 3411	8	M20 x 1,5	220	275	
GS 7008	80	290	9.000	7.500	7.000	8.500	7.000	6.500	7.500	6.500	6.000	N 3411	8	M18 x 1,5	220	275	
GS 7008	90	410	9.000	7.500	7.000	8.500	7.000	6.500	7.500	6.500	6.000	N 3411	8	M20 x 1,5	220	275	
GS 7008	90	410	9.000	7.500	7.000	8.500	7.000	6.500	7.500	6.500	6.000	N 3411	8	M18 x 1,5	220	275	
GS 7008	120 x 15*	645	9.000	7.500	7.000	8.500	7.000	6.500	7.500	6.500	6.000	N 3411	8	M18 x 1,5	220	275	
GS 7008	80	290	9.000	7.500	7.000	8.500	7.000	6.500	7.500	6.500	6.000	N 4008	8	M20 x 1,5	220	275	

* Hollow axle beam.

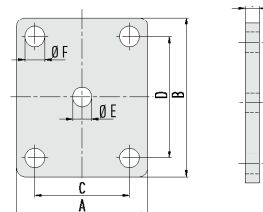
Braked axles up to 8.000 kg axle load																
GS 8008	90	345	11.000	9.500	8.500	10.000	8.500	8.000	9.000	8.000	7.500	N 3108	8	M20 x 1,5	220	275
GS 8008	100	475	11.000	9.500	8.500	10.000	8.500	8.000	9.000	8.000	7.500	N 3108	8	M20 x 1,5	220	275
GS 8008	90	345	11.000	9.500	8.500	10.000	8.500	8.000	9.000	8.000	7.500	N 4008	8	M20 x 1,5	220	275
GS 8008	100	475	11.000	9.500	8.500	10.000	8.500	8.000	9.000	8.000	7.500	N 4008	8	M20 x 1,5	220	275
GS 8008	100	475	11.000	9.500	8.500	10.000	8.500	8.000	9.000	8.000	7.500	N 3411	8	M20 x 1,5	220	275
GS 8010	90	345	11.000	9.500	8.500	10.000	8.500	8.000	9.000	8.000	7.500	N 4008	10	M22 x 1,5	280	335
GS 8010	100	475	11.000	9.500	8.500	10.000	8.500	8.000	9.000	8.000	7.500	N 4008	10	M22 x 1,5	280	335

Track: 1.500–2.300 mm in 50-mm increments. Other dimensions available on request.
Spring centre / brake cylinder bracket centre on request.

List of Options



Spring seat								
Designation								
without								
Spring	Square	C	D	E	F	A	B	t
80	70	101	125	20	21	140	165	15
	80	101	135	20	21	140	175	15
	90	101	145	20	21	140	185	15
	100	101	155	20	21	140	195	15
100	90	126	155	25	26	165	195	15
	100	126	165	25	26	165	205	15



Brake cylinder bracket	
Designation	Representation / description
without	—
$\beta = 0^\circ$	

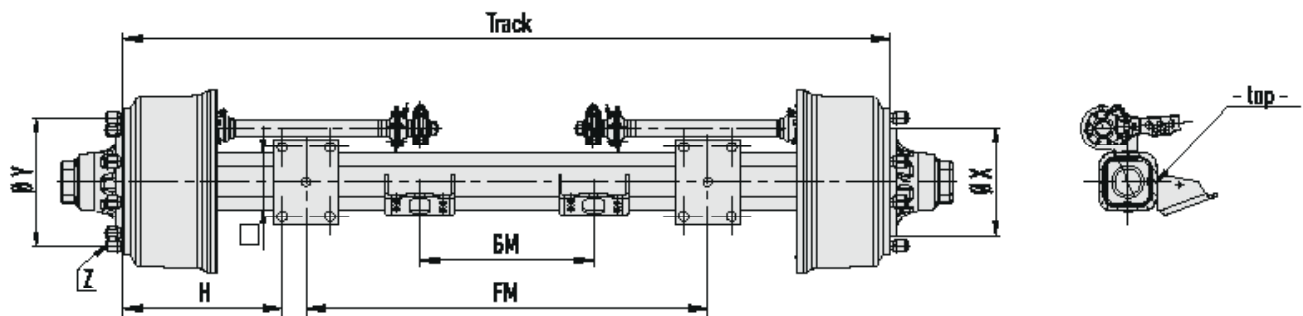
Brake equalisation	
Designation	Representation / description
without	Two brake cylinders
Middle	One brake cylinder BA = 0
Offset (left)	One brake cylinder BA = 250 mm
Offset (right)	One brake cylinder BA = 250 mm

Other BA dimensions on request

Brake lever	
Designation	Representation / description
without	—
Lever for direct operation (two cylinder / axle)	
Lever for brake equaliser (one cylinder / axle)	
Manual slack adjuster (MSA) for direct operation (two cylinder / axle)	
Manual slack adjuster (MSA) for brake equaliser (one cylinder / axle)	
Manual slack adjuster (MSA) for direct operation* (two cylinder / axle)	
Automatic slack adjuster (ASA)	

* Only for brakes N 3411 - 1.

Braked axles with hollow axle beam



Axle cross-section (mm)	H (mm)	Static axle load (kg)		Brake	Wheel connection		
		40 km/h	60 km/h		Z	Ø X (mm)	Ø Y (mm)

110 x 10*	305	9.000	10.500	8.500	8.500	9.500	8.000	N 3411	8	M20 x 1,5	220	275
110 x 14	385	9.000	10.500	8.500	8.500	9.500	8.000	N 3411	8	M20 x 1,5	220	275
110 x 10*	305	9.000	10.500	8.500	8.500	9.500	8.000	N 4012	8	M20 x 1,5	220	275
110 x 14	385	9.000	10.500	8.500	8.500	9.500	8.000	N 4012	8	M20 x 1,5	220	275
110 x 10*	305	9.000	10.500	8.500	8.500	9.500	8.000	N 4012	10	M22 x 1,5	280	335
110 x 14	385	9.000	10.500	8.500	8.500	9.500	8.000	N 4012	10	M22 x 1,5	280	335

120 x 10	325	11.500	13.000	10.000	10.500	11.500	9.000	N 4008	8	M20 x 1,5	220	275
120 x 15	420	11.500	13.000	10.000	10.500	11.500	9.000	N 4008	8	M20 x 1,5	220	275
120 x 10	325	11.500	13.000	10.000	10.500	11.500	9.000	N 4012	8	M20 x 1,5	220	275
120 x 15	420	11.500	13.000	10.000	10.500	11.500	9.000	N 4012	8	M20 x 1,5	220	275
120 x 10	325	11.500	13.000	10.000	10.500	11.500	9.000	FL 4112	8	M22 x 1,5	220	275
120 x 15	420	11.500	13.000	10.000	10.500	11.500	9.000	FL 4112	8	M22 x 1,5	220	275
120 x 10	325	11.500	13.000	10.000	10.500	11.500	9.000	N 4008	10	M22 x 1,5	280	335
120 x 15	420	11.500	13.000	10.000	10.500	11.500	9.000	N 4008	10	M22 x 1,5	280	335
120 x 10	325	11.500	13.000	10.000	10.500	11.500	9.000	N 4012	10	M22 x 1,5	280	335
120 x 15	420	11.500	13.000	10.000	10.500	11.500	9.000	N 4012	10	M22 x 1,5	280	335
120 x 10	325	11.500	13.000	10.000	10.500	11.500	9.000	FL 4112	10	M22 x 1,5	280	335
120 x 15	420	11.500	13.000	10.000	10.500	11.500	9.000	FL 4112	10	M22 x 1,5	280	335
120 x 10	325	11.500	13.000	10.000	10.500	11.500	9.000	FL 4118	10	M22 x 1,5	280	335
120 x 15	420	11.500	13.000	10.000	10.500	11.500	9.000	FL 4118	10	M22 x 1,5	280	335

150 x 10	425	15.000	15.000	13.000	13.500	15.000	12.000	FL 4112	10	M22 x 1,5	280	335
150 x 16	565	15.000	15.000	13.000	13.500	15.000	12.000	FL 4112	10	M22 x 1,5	280	335
120 x 15	345	15.000	15.000	13.000	13.500	15.000	12.000	FL 4118	10	M22 x 1,5	280	335
150 x 10	425	15.000	15.000	13.000	13.500	15.000	12.000	FL 4118	10	M22 x 1,5	280	335
150 x 16	565	15.000	15.000	13.000	13.500	15.000	12.000	FL 4118	10	M22 x 1,5	280	335

150 x 16	530	16.000	17.000	15.000	15.000	16.000	14.000	FL 4118	10	M22 x 1,5	280	335
150 x 20	615	16.000	17.000	15.000	15.000	16.000	14.000	FL 4118	10	M22 x 1,5	280	335
150 x 24	725	16.000	17.000	15.000	15.000	16.000	14.000	FL 4118	10	M22 x 1,5	280	335

150 x 16		12.000 at 80 km/h						SN 4220	10	M22 x 1,5	280	335
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List of Options



Brake cylinder bracket			
Designation	Representation / description	Designation	Representation / description
without	—		
Brake cylinder bracket for GS 9000, Position of the diaphragm cylinder is above the axle		Brake cylinder bracket for GS 12000 / GS 14000, Position of the diaphragm cylinder is above the axle	
Brake cylinder bracket for GS 11000, Position of the diaphragm cylinder is above the axle		Brake cylinder bracket for GS 12000 / GS 14000, Position of the diaphragm cylinder is above the axle	
Brake cylinder bracket for GS 11000, Position of the diaphragm cylinder is above the axle		Brake cylinder bracket for GS 12000 / GS 14000, Position of the diaphragm cylinder is under the axle	
Brake cylinder bracket for GS 11000, Position of the diaphragm cylinder is under the axle		Brake cylinder bracket for GS 12000 / GS 14000, Position of the diaphragm cylinder is under the axle	

Spring seat								Representation / description
without								—
Spring seat								
Spring	Square	C	D	E	F	A	B	
80	120	101	155	20	21	140	195	
100	120	125	150	25	26	175	200	
	120	125	150	24	26	175	200	
	150	125	180	22	25	170	220	
	150	125	180	25	25	170	220	
Spring seat for 120 mm hollow axle beam (one spring seat on the axle)								
Spring seat for 150 mm hollow axle beam (one spring seat on the axle)								

List of Options



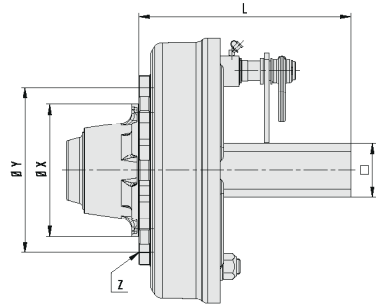
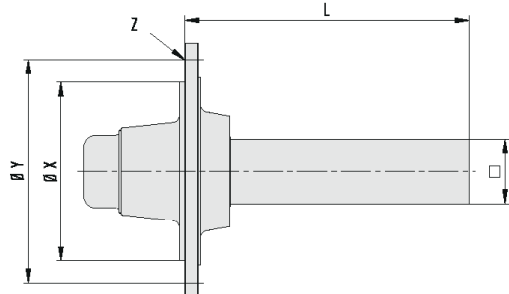
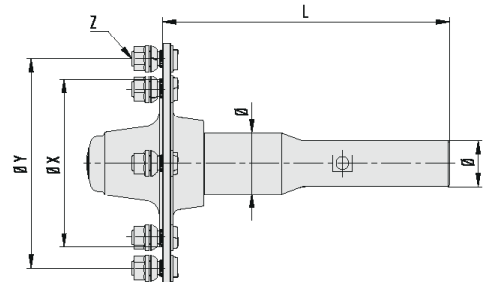
Brake lever				
Designation	Representation / description	Code	Designation	Representation / description
without	—			
Manual slack adjuster (MSA) 1		3	Automatic slack adjuster (ASA) 1	
Manual slack adjuster (MSA) 2		4	Automatic slack adjuster (ASA) 2	

Preparation for central tyre inflation		
Designation	Description	Representation
without	—	—
with	Not possible for GS 9000	

Twin tyres	
Designation	Representation
without	—
with	

Sensor — SDS/ABS	
Designation	Representation / description
without	—
with	Possible sensor variants SDS/ABS see page 107

Braking axle stub

Braked Solid axle beam or hollow axle beam	
The same variants and options are available as with the other axles. See page: 35 Length (L): on request	
Unbraked Solid axle beam or hollow axle beam	
The same variants and options are available as with the other axles. See page: 33 Length (L): on request	
Special versions	
With solid axle stub, the round axle beam is also possible. Length (L) and diameter (Ø) on request	

The brands of the BPW Group:



BPW Bergische Achsen Kommanditgesellschaft

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