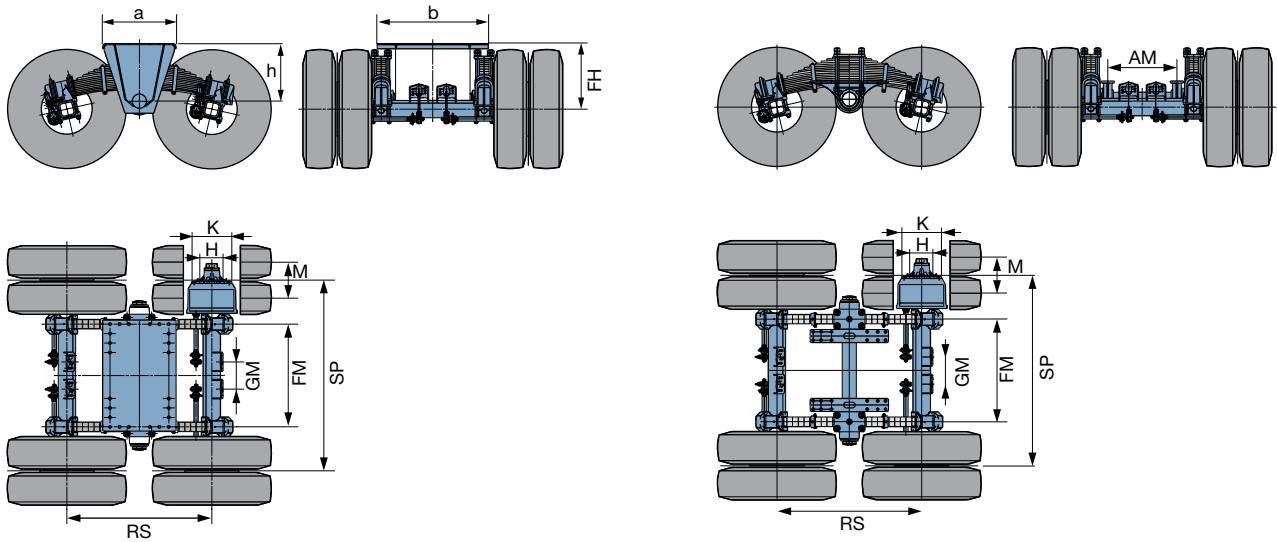


# BPW axle suspension systems, W series.

## Suspension loads from 20,000 kg to 40,000 kg.



Type	Suspension load up to 105 km/h (kg)	S-cam brake Ø x width	Track (SP) (mm)	Spring centre (FM) (mm)	GM (mm)	Support centre (AM) (mm)	High mounting bracket (a x b x h) (mm)	Wheelbase (RS) (mm)
HZFW 2/10010	20,000	SN 420 x 200	1,820	980	261	660		1,400
HZFW 2/10010	20,000	SN 420 x 200	1,820	980	261		700 x 1,060 x 550	1,400
HZFW 2/12010 B <sup>1)</sup>	24,000	SN 420 x 200	1,820	980	261	660		1,400
HZFW 2/12010 B <sup>1)</sup>	24,000	SN 420 x 200	1,820	980	260		700 x 1,060 x 600	1,400
HZFW 2/12010 C <sup>2)</sup>	24,000	SN 420 x 200	1,820	980	261	660		1,500
HZFW 2/12010 C <sup>2)</sup>	24,000	SN 420 x 200	1,820	980	261		700 x 1,060 x 600	1,500
HZ(M)W 2/14010-1	28,000	SN 420 x 200	1,820	900	266	520		1,500
HZ(M)W 2/14010-1	28,000	SN 420 x 200	1,820	900	266		800 x 980 x 600	1,500
HZ(M)W 2/14010-1	28,000	SN 420 x 200	1,920	900	290	520		1,650
HZ(M)W 2/14010-1	28,000	SN 420 x 200	1,920	900	290		800 x 980 x 600	1,650
HZMW 2/16010	32,000	SN 420 x 200	1,800	900	241	520		1,550
HZMW 2/16010	32,000	SN 420 x 200	1,800	900	241		800 x 980 x 600	1,550
HZMW 2/16010	32,000	SN 420 x 200	2,150	1,150	367	770		1,550
HZMW 2/16010	32,000	SN 420 x 200	2,150	1,150	367		800 x 1,230 x 600	1,550
HZMW 2/18010	36,000	SN 420 x 200	1,800	900	241	520		1,550
HZMW 2/18010	36,000	SN 420 x 200	1,800	900	241		800 x 980 x 600	1,550
HZMW 2/18010	36,000	SN 420 x 200	2,150	1,150	367	770		1,550
HZMW 2/18010	36,000	SN 420 x 200	2,150	1,150	367		800 x 1,230 x 600	1,550
HZMW 2/20010	40,000	SN 420 x 200	1,900	900	278		800 x 980 x 700	1,550
HZMW 2/20010	40,000	SN 420 x 200	2,100	1,150	254	770		1,550

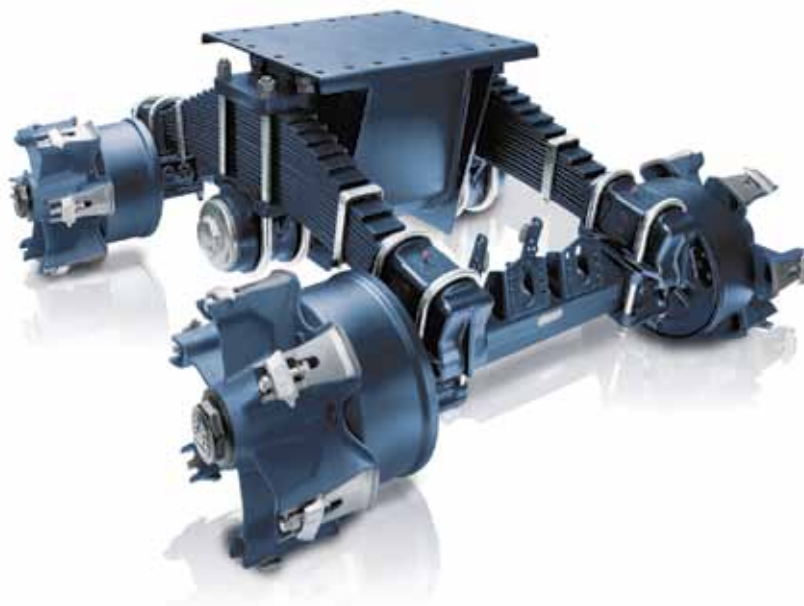
Also available as Trilex version

<sup>1)</sup> Version for heavy-duty application.

<sup>2)</sup> Version for on-road use.

<sup>3)</sup> Note the tyre manufacturer's information regarding load index and dimensions.

<sup>4)</sup> Weight without wheels and tyres; weight deviations are within the permitted DIN tolerances for the corresponding production processes.



Ride height (FH) (mm)		Wheel connection		Tyre example <sup>3)</sup>	Centre-to-centre distance (M)	Overall width across the tyres (mm)	Weights of suspension <sup>4)</sup> (kg)
Laden	Unladen	Wheel stud	Ø H/K (mm)				
213	253	10 x M22 x 1.5	280.8 / 335	11 R20	M = 348	2,482	1,650
588	628	10 x M22 x 1.5	280.8 / 335	11 R20	M = 348	2,482	1,840
213	253	10 x M22 x 1.5	280.8 / 335	12 R20	M = 350	2,496	1,710
638	678	10 x M22 x 1.5	280.8 / 335	12 R20	M = 350	2,496	1,862
207	253	10 x M22 x 1.5	280.8 / 335	12 R24	M = 360	2,509	1,650
630	675	10 x M22 x 1.5	280.8 / 335	12 R24	M = 360	2,509	1,820
191	262	10 x M22 x 1.5	280.8 / 335	12 R20	M = 350	2,496	2,073
605	661	10 x M22 x 1.5	280.8 / 335	12 R20	M = 350	2,496	2,262
191	262	10 x M22 x 1.5	280.8 / 335	14 R20	M = 428	2,746	2,203
591	662	10 x M22 x 1.5	280.8 / 335	14 R20	M = 428	2,746	2,385
212	259	10 x M22 x 1.5	280.8 / 335	12 R24	M = 350	2,489	2,385
610	657	10 x M22 x 1.5	280.8 / 335	12 R24	M = 350	2,489	2,575
210	257	10 x M22 x 1.5	280.8 / 335	12 R24	M = 350	2,839	2,457
610	660	10 x M22 x 1.5	280.8 / 335	12 R24	M = 350	2,839	2,638
212	259	10 x M22 x 1.5	280.8 / 335	12 R24	M = 350	2,489	2,422
612	659	10 x M22 x 1.5	280.8 / 335	12 R24	M = 350	2,489	2,545
212	259	10 x M22 x 1.5	280.8 / 335	14 R20	M = 428	2,976	2,507
612	659	10 x M22 x 1.5	280.8 / 335	14 R20	M = 428	2,976	2,619
712	759	10 x M24 x 1.5	280.8 / 335	14 R20	M = 428	2,726	2,737
212	259	10 x M24 x 1.5	280.8 / 335	14 R20	M = 428	2,926	2,577

## More information:

► W suspension units (page 53)