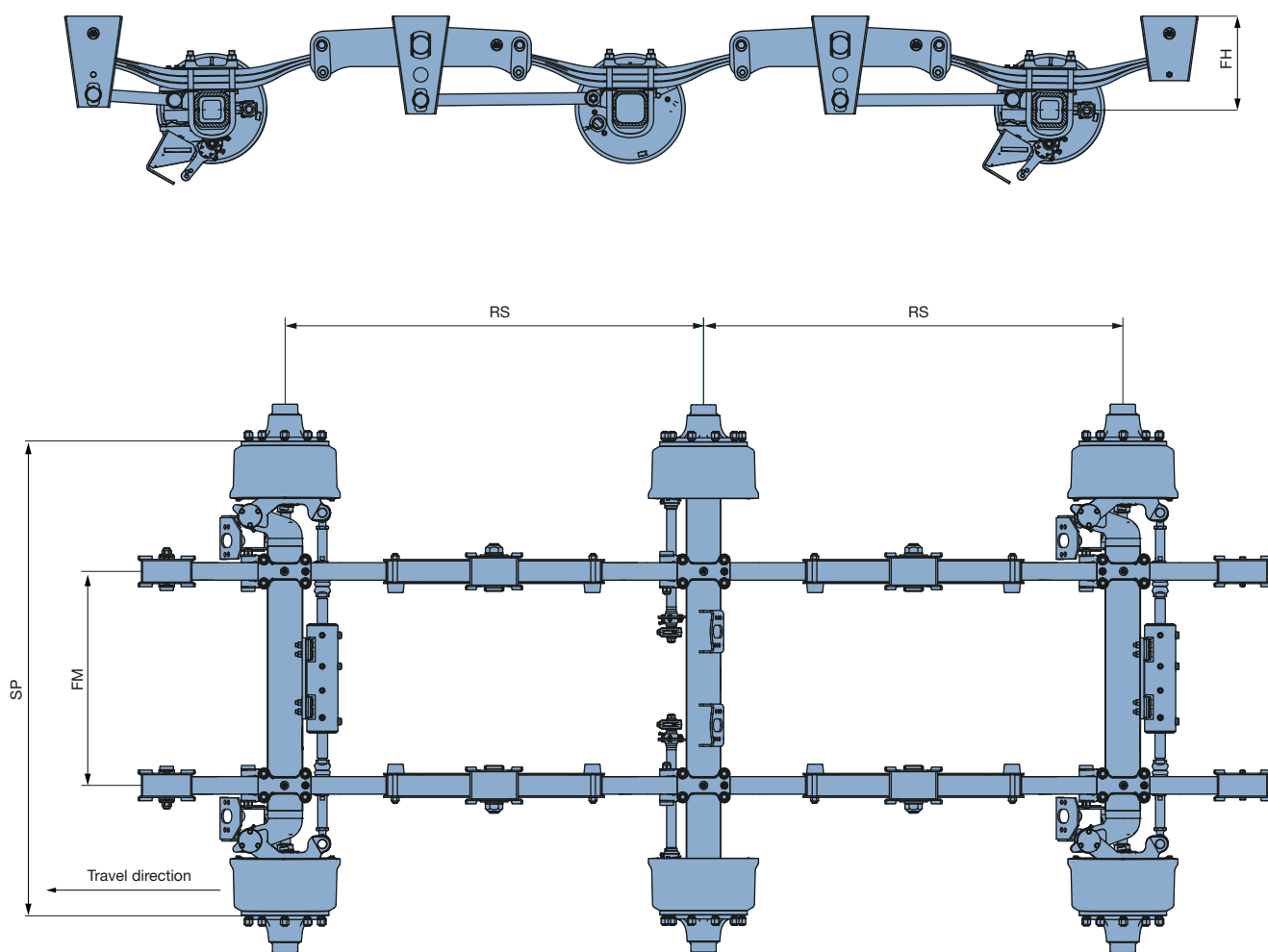


### Spring suspension GSHVBLL-V



## BPW heavy-duty spring suspension units

BPW's product range includes a heavy-duty VB HD suspension unit. This suspension unit equipped as standard with multi-leaf spring, is available with up to 32 t axle load (tandem axle suspension for 25 km/h) or 48 t (tridem axle suspension for 25 km/h).

# BPW SPRING SUSPENSION UNITS.

| Axle cross-section (mm)   | Track width SP (mm) | Wheel base RS 1,360 (mm) | Wheel base RS 1,380 (mm) | Wheel base RS 1,600 (mm) | Wheel base RS 1,820 (mm) | Axle load (kg) |        |        | BPW code number |
|---|---------------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------|--------|--------|-----------------|
|   |                     |                          |                          |                          |                          | Single axle    | Tandem | Tridem |                 |
| <b>Rigid axle: GSVB 8008-3 - 40 km/h</b>  |                     |                          |                          |                          |                          |                |        |        |                 |
| <b>Brake N4008-4 400 x 80 mm - wheel connection 220/275/8 ET 0 - M20 x 1.5</b>  |                     |                          |                          |                          |                          |                |        |        |                 |
| 100   | 1,850               | •                        | –                        | –                        | –                        | 8,000          | 16,000 | –      | 56.70.04.xxxx   |
| 100   | 1,950               | •                        | –                        | –                        | –                        | 8,000          | 16,000 | –      | 56.70.04.xxxx   |
| 100   | 2,000               | •                        | –                        | –                        | –                        | 8,000          | 16,000 | –      | 56.70.04.xxxx   |
| 100   | 2,050               | •                        | –                        | –                        | –                        | 8,000          | 16,000 | –      | 56.70.04.xxxx   |
| <b>Steering axle: GSVBLA 8008-3 - 40 km/h</b>                                   |                     |                          |                          |                          |                          |                |        |        |                 |
| <b>Brake N4008-4 400 x 80 mm - wheel connection 220/275/8 ET 0 - M20 x 1.5</b>  |                     |                          |                          |                          |                          |                |        |        |                 |
| VA 100/HA 120 x 15  | 1,850               | •                        | –                        | –                        | –                        | 8,000          | 16,000 | –      | 56.70.04.xxxx   |
| VA 100/HA 120 x 15  | 1,950               | •                        | –                        | –                        | –                        | 8,000          | 16,000 | –      | 56.70.04.xxxx   |
| VA 100/HA 120 x 15  | 2,000               | •                        | –                        | –                        | –                        | 8,000          | 16,000 | –      | 56.70.04.xxxx   |
| VA 100/HA 120 x 15  | 2,050               | •                        | –                        | –                        | –                        | 8,000          | 16,000 | –      | 56.70.04.xxxx   |
| <b>Rigid axle: GSVB 11010-1 - 40 km/h</b>                                       |                     |                          |                          |                          |                          |                |        |        |                 |
| <b>Brake FL4112 410 x 120 mm - wheel connection 280/335/10 ET 0 - M22 x 1.5</b> |                     |                          |                          |                          |                          |                |        |        |                 |
| 120 x 10/120 x 15   | 1,950               | •                        | •                        | •                        | •                        | 9,000          | 18,000 | 27,000 | 56.88.04.xxxx   |
| 120 x 10/120 x 15   | 2,000               | •                        | •                        | •                        | •                        | 9,000          | 18,000 | 27,000 | 56.88.04.xxxx   |
| 120 x 10/120 x 15   | 2,050               | •                        | •                        | •                        | •                        | 9,000          | 18,000 | 27,000 | 56.88.04.xxxx   |
| 120 x 10/120 x 15   | 2,100               | •                        | •                        | •                        | •                        | 9,000          | 18,000 | 27,000 | 56.88.04.xxxx   |
| 120 x 10/120 x 15   | 2,150               | •                        | •                        | •                        | •                        | 9,000          | 18,000 | 27,000 | 56.88.04.xxxx   |
| <b>Steering axle: GSVBLA 11010-1 - 40 km/h</b>                                  |                     |                          |                          |                          |                          |                |        |        |                 |
| <b>Brake FL4112 410 x 120 mm - wheel connection 280/335/10 ET 0 - M22 x 1.5</b> |                     |                          |                          |                          |                          |                |        |        |                 |
| 120 x 10/120 x 15   | 1,950               | •                        | •                        | •                        | •                        | 9,000          | 18,000 | 27,000 | 56.88.04.xxxx   |
| 120 x 10/120 x 15   | 2,000               | •                        | •                        | •                        | •                        | 9,000          | 18,000 | 27,000 | 56.88.04.xxxx   |
| 120 x 10/120 x 15   | 2,050               | •                        | •                        | •                        | •                        | 9,000          | 18,000 | 27,000 | 56.88.04.xxxx   |
| 120 x 10/120 x 15   | 2,100               | •                        | •                        | •                        | •                        | 9,000          | 18,000 | 27,000 | 56.88.04.xxxx   |
| 120 x 10/120 x 15   | 2,150               | •                        | •                        | •                        | •                        | 9,000          | 18,000 | 27,000 | 56.88.04.xxxx   |
| <b>Rigid axle: GSVB 12010 - 40 km/h</b>   |                     |                          |                          |                          |                          |                |        |        |                 |
| <b>Brake FL4118 410 x 180 mm - wheel connection 280/335/10 ET 0 - M22 x 1.5</b> |                     |                          |                          |                          |                          |                |        |        |                 |
| 150 x 10/150 x 16   | 1,950               | •                        | –                        | •                        | •                        | 12,000         | 24,000 | 36,000 | 56.72.04.xxxx   |
| 150 x 10/150 x 16   | 2,000               | •                        | –                        | •                        | •                        | 12,000         | 24,000 | 36,000 | 56.72.04.xxxx   |
| 150 x 10/150 x 16   | 2,050               | •                        | –                        | •                        | •                        | 12,000         | 24,000 | 36,000 | 56.72.04.xxxx   |
| 150 x 10/150 x 16   | 2,100               | •                        | –                        | •                        | •                        | 12,000         | 24,000 | 36,000 | 56.72.04.xxxx   |
| 150 x 10/150 x 16   | 2,150               | •                        | –                        | •                        | •                        | 12,000         | 24,000 | 36,000 | 56.72.04.xxxx   |
| 150 x 10/150 x 16   | 2,225               | •                        | –                        | •                        | •                        | 12,000         | 24,000 | 36,000 | 56.72.04.xxxx   |



# UP TO 36 t AXLE LOAD

| Axle cross-section (mm) | Track width SP (mm) | Wheel base RS 1,360 (mm) | Wheel base RS 1,380 (mm) | Wheel base RS 1,600 (mm) | Wheel base RS 1,820 (mm) | Axle load (kg) |        |        | BPW code number |
|-------------------------|---------------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------|--------|--------|-----------------|
|                         |                     |                          |                          |                          |                          | Single axle    | Tandem | Tridem |                 |

**Steering axle: GSVBLL 12010 - 40 km/h**

**Brake FL4118 410 x 180 mm - wheel connection 280/335/10 ET 0 - M22 x 1.5**

|                   |       |   |   |   |   |        |        |        |               |
|-------------------|-------|---|---|---|---|--------|--------|--------|---------------|
| 150 x 10/150 x 16 | 1,950 | • | – | • | • | 12,000 | 24,000 | 36,000 | 56.72.04.xxxx |
| 150 x 10/150 x 16 | 2,000 | • | – | • | • | 12,000 | 24,000 | 36,000 | 56.72.04.xxxx |
| 150 x 10/150 x 16 | 2,050 | • | – | • | • | 12,000 | 24,000 | 36,000 | 56.72.04.xxxx |
| 150 x 10/150 x 16 | 2,100 | • | – | • | • | 12,000 | 24,000 | 36,000 | 56.72.04.xxxx |
| 150 x 10/150 x 16 | 2,150 | • | – | • | • | 12,000 | 24,000 | 36,000 | 56.72.04.xxxx |
| 150 x 10/150 x 16 | 2,225 | • | – | • | • | 12,000 | 24,000 | 36,000 | 56.72.04.xxxx |

**Rigid axle: GSNVB 12010 - 80 km/h**

**Brake SN4220 420 x 200 mm - wheel connection 280/335/10 ET 0 - M22 x 1.5**

|          |       |   |   |   |   |        |        |        |               |
|----------|-------|---|---|---|---|--------|--------|--------|---------------|
| 150 x 16 | 1,950 | • | – | • | • | 12,000 | 24,000 | 36,000 | 56.72.04.xxxx |
| 150 x 16 | 2,000 | • | – | • | • | 12,000 | 24,000 | 36,000 | 56.72.04.xxxx |
| 150 x 16 | 2,050 | • | – | • | • | 12,000 | 24,000 | 36,000 | 56.72.04.xxxx |
| 150 x 16 | 2,100 | • | – | • | • | 12,000 | 24,000 | 36,000 | 56.72.04.xxxx |
| 150 x 16 | 2,150 | • | – | • | • | 12,000 | 24,000 | 36,000 | 56.72.04.xxxx |
| 150 x 16 | 2,225 | • | – | • | • | 12,000 | 24,000 | 36,000 | 56.72.04.xxxx |

**Steering axle: GSNVBL 12010 - 80 km/h**

**Brake SN4220 420 x 200 mm - wheel connection 280/335/10 ET 0 - M22 x 1.5**

|          |       |   |   |   |   |        |        |        |               |
|----------|-------|---|---|---|---|--------|--------|--------|---------------|
| 150 x 16 | 1,950 | • | – | • | • | 12,000 | 24,000 | 36,000 | 56.72.04.xxxx |
| 150 x 16 | 2,000 | • | – | • | • | 12,000 | 24,000 | 36,000 | 56.72.04.xxxx |
| 150 x 16 | 2,050 | • | – | • | • | 12,000 | 24,000 | 36,000 | 56.72.04.xxxx |
| 150 x 16 | 2,100 | • | – | • | • | 12,000 | 24,000 | 36,000 | 56.72.04.xxxx |
| 150 x 16 | 2,150 | • | – | • | • | 12,000 | 24,000 | 36,000 | 56.72.04.xxxx |
| 150 x 16 | 2,225 | • | – | • | • | 12,000 | 24,000 | 36,000 | 56.72.04.xxxx |

Version GSVB and GSVBLA 8008, also available with 10-hole wheel connection.  
Version GSVB and GSVBLA 11010-1, also available with 8-hole wheel connection.  
Further track widths available on request.

All suspension units are also available with axle type GS 14010.

**Possible ride height of VB suspension units.**

| Version        | Wheel base |       |       |       |       |
|----------------|------------|-------|-------|-------|-------|
|                | 1,360      | 1,380 | 1,600 | 1,600 | 1,820 |
| GSVB 8008      | 292        | –     | –     | –     | –     |
| GSVBLA 8008    | 292        | –     | –     | –     | –     |
| GSVB 11010-1   | 398        | 290   | 323   | 398   | 390   |
| GSVBLA 11010-1 | 398        | 290   | 323   | 398   | 390   |
| GSVB 12010     | 413        | –     | –     | 413   | 405   |
| GSVBLL 12010   | 413        | –     | –     | 413   | 405   |
| GSNVB 12010    | 413        | –     | –     | 413   | 405   |
| GSNBLL 12010   | 413        | –     | –     | 413   | 405   |

All dimensions in mm.