

Type 52-00 Base Plate

Important Features

- Capacity range: 20 kg to 10 000 kg.
- Very easy to install.

Options

- Lateral load cell locking system for SB4 and SB5.
- Overload protection system.

Flintec load cell supports are designed to prevent unwanted forces from affecting load cell performance.

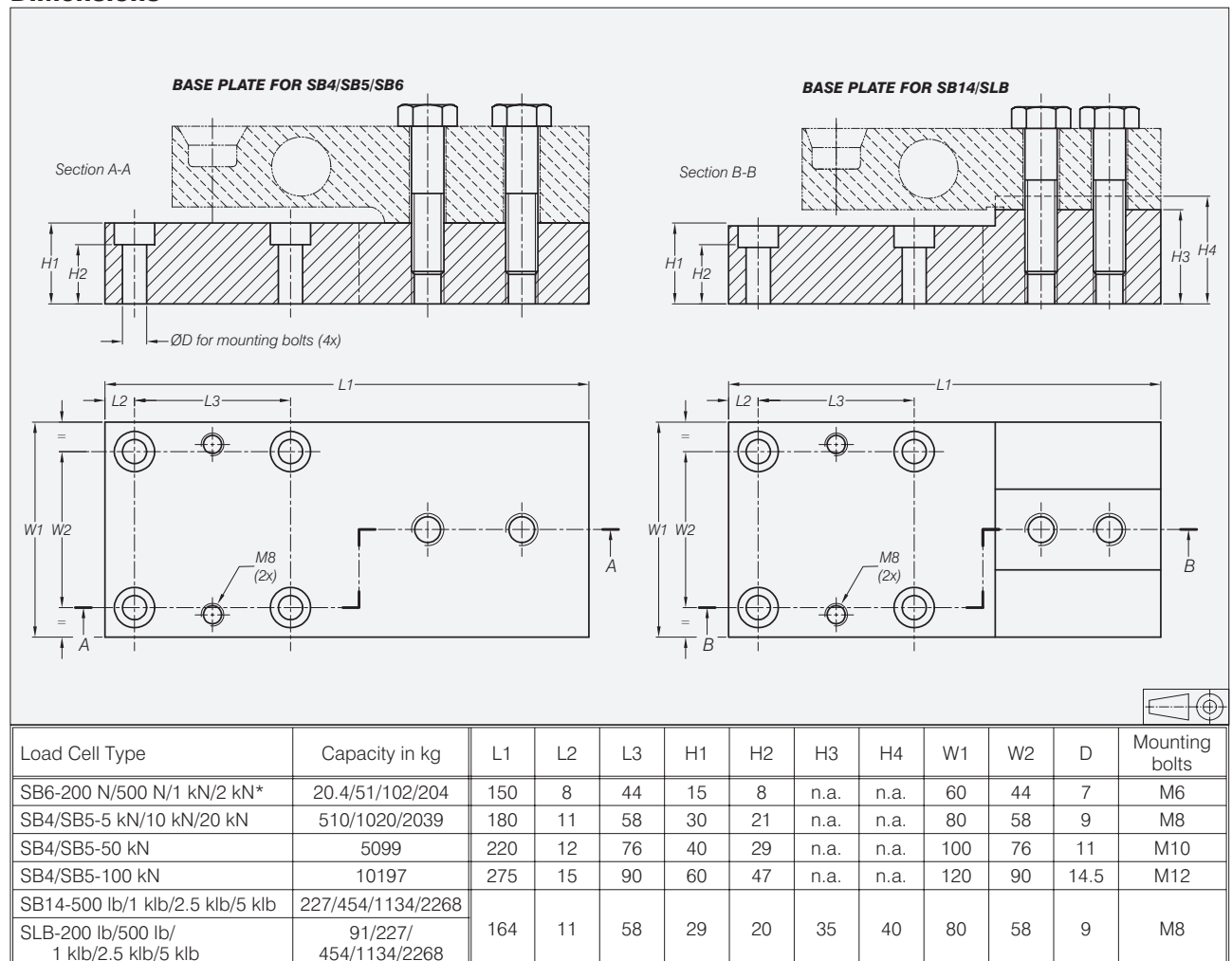
The Type 52-00 is a base plate assembly, used to support the SB4, SB5, SB6, SB14 and SLB load cells. The assembly includes base plate and load cell mounting bolts.

For SLB and SB14 load cells the base plate is supplied with a lateral load cell locking system for reacting side loads. Optionally available for SB4 and SB5 load cells.

It can also be provided with an overload stop, to protect the load cell.

Material: steel, zinc plated; alternatively stainless steel.

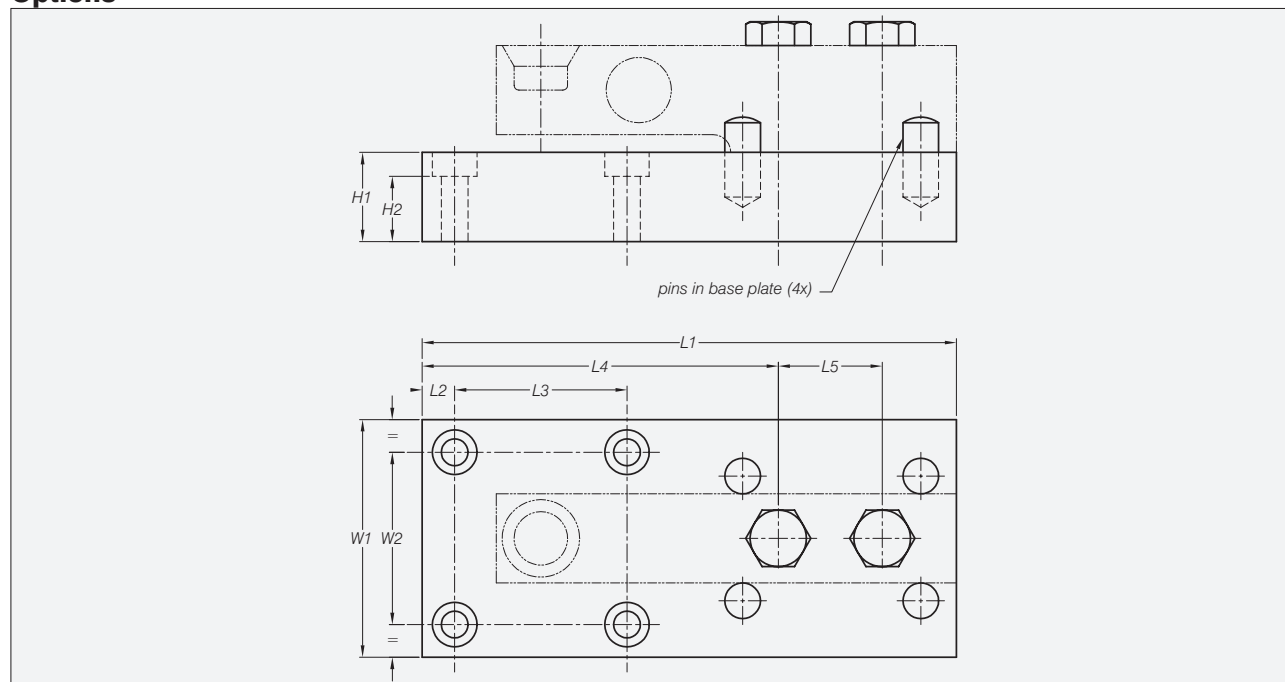
Dimensions



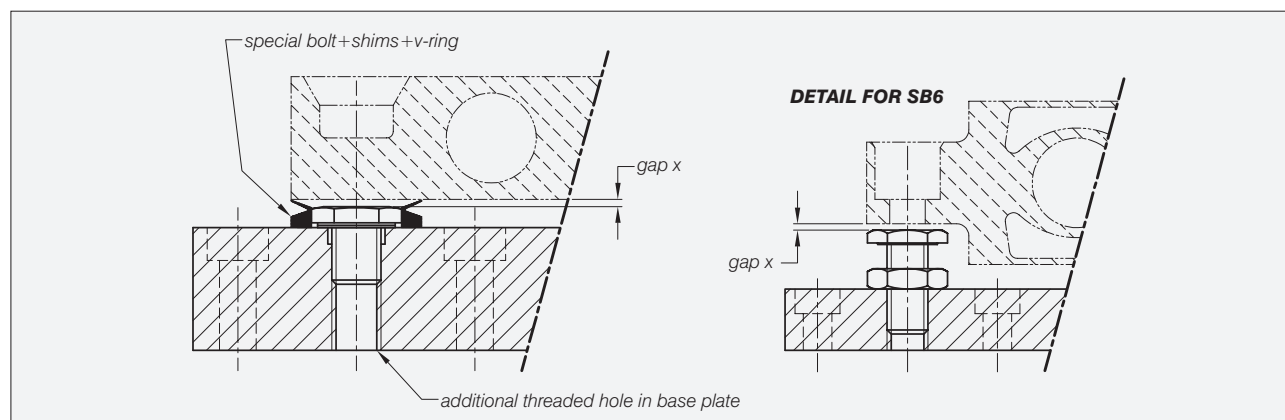
* To be mounted including spacer (height 15 mm).

All dimensions in mm. Dimensions and specifications are subject to change without notice.

Options



Load cell locking system for SB4/SB5 (option)



Overload protection system (option)

Load cell SB6	Deflection *	Gap "x" setting**	Load cell SB4/SB5	Deflection *	Gap "x" setting**	Load cell SLB	Deflection *	Gap x setting**	Load cell SB14	Deflection *	Gap "x" setting**
200 N	0.21 mm	0.25 mm	5 kN	0.21 mm	0.25 mm	200 lb	0.27 mm	0.35 mm	500 lb	0.21 mm	0.30 mm
500 N	0.30 mm	0.40 mm	10 kN	0.29 mm	0.35 mm	500 lb	0.24 mm	0.30 mm	1 klb	0.24 mm	0.30 mm
1 kN	0.26 mm	0.35 mm	20 kN	0.49 mm	0.60 mm	1 klb	0.25 mm	0.30 mm	2.5 klb	0.32 mm	0.40 mm
2 kN	0.36 mm	0.45 mm	50 kN	0.52 mm	0.65 mm	2.5 klb	0.33 mm	0.40 mm	5 klb	0.47 mm	0.60 mm
			100 kN	0.74 mm	0.95 mm	5 klb	0.56 mm	0.70 mm	10 klb		

Remarks:

* Deflection is defined as the sum of load cell deflection and base plate bending.

** Settings for utilisation to Maximum Capacity of the load cell. If utilisation of load cell is lower, the setting value could be reduced in proportion to the load.