

Installation Instruction for Load Cells Type SB4 / SB5 / SB6 and SLB / SB14 with Rubber Element with Flange Type 52-05

1. *Even and horizontal mounting plate (foundation):
max. deviation 0,2° (3,5 mm/m).
The use of Base Plate Type 52-00 secures a stiff and even mounting surface.*

2. *Torque for load cell mounting bolts:*

| Type | Capacity | Torque |
|-------------|-----------------|---------------|
| SB6 | 200N- 2 kN | 25 Nm |
| SB4/SB5 | 300 N-20 kN | 90 Nm |
| SLB/SB14 | 200 lb-2,5 klb | 90 Nm |
| SLB/SB14 | 5klb | 120 Nm |
| SB4 /SB5 | 50 kN | 400 Nm |
| SB4 /SB5 | 100 kN | 700 Nm |

3. *Even and horizontal support surface of the load carrier: max. deviation 0,5° (8 mm/m).*
4. *Stress free installation of Rubber Element with Flange.
This can be achieved by using welding plates in combination with the rubber element or by bolting with sufficient clearance for stress free mounting.*
5. *If horizontal forces of more than 5% from load cell nominal capacity may occur, bumpers are required. (gap ca. 1 - 3 mm).*