

Tension-Load Cells

Robust, high-precision load cells - ideally suited for tension load determination



- ✓ Stainless steel, protection class IP67
- ✓ 5:1 mechanical safety factor, also suitable for transporting hanging loads
- ✓ Maximum scale interval up to 5.000d
- ✓ Nominal loads from 0.5t to 100t



Advantages

The tension load cells from EHP Wägetechnik GmbH, which are manufactured exclusively in Germany, are used wherever loads and forces are determined in tension.



Due to the high measuring accuracy even large weights can be determined precisely - the maximum deviation is only 0.02% of the final value.

For example, the maximum measurement deviation for a 50t load is only 0.02%, which corresponds to 10kg!

All tension load cells have a 5:1 mechanical safety factor and may therefore also be used for the transport of goods (according to EN 13155 section 5.1.1. Safety of mechanical load-bearing parts).

For example, a 50t load cell could statically carry a load of up to 250t without breaking!

Product details



**Nominal load
range of
0,5 - 100t**



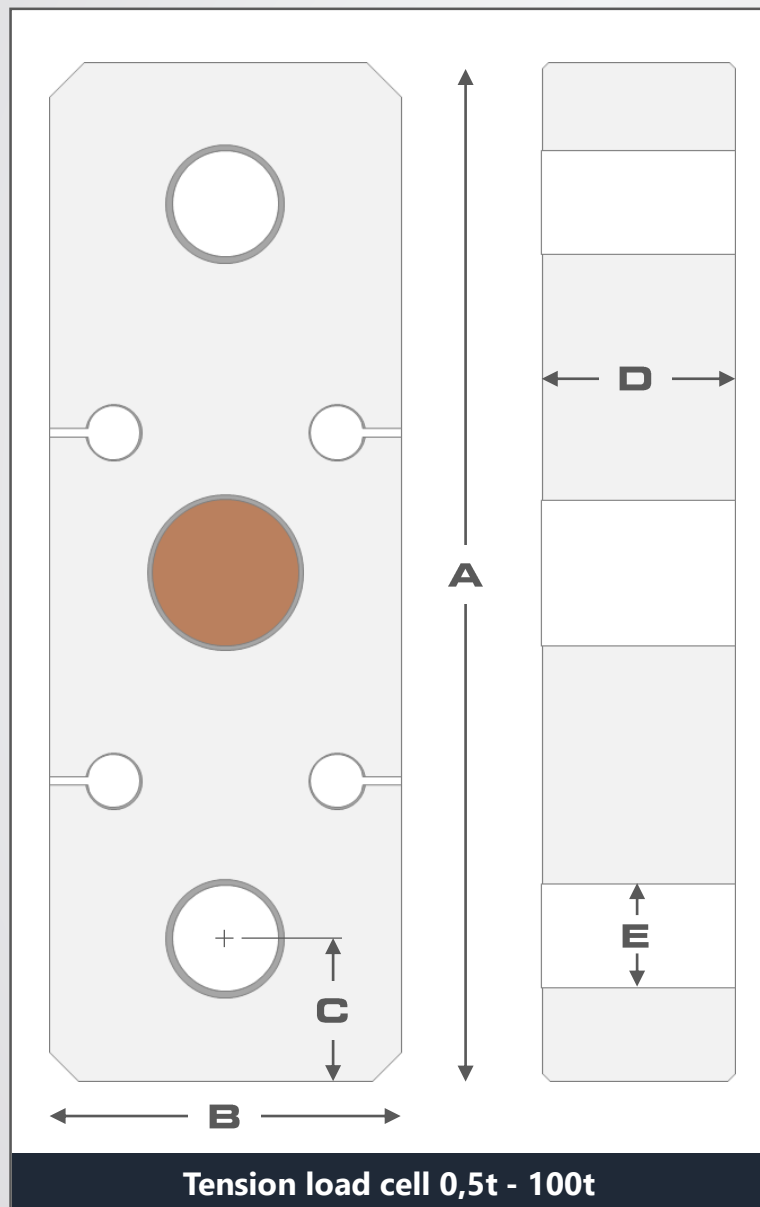
**Made in Germany
from stainless steel**



**Prepared for suitable
lifting gear**



Tension load cells - Dimensions & Technical Data



Nominal load [t]	A [mm]	B [mm]	C [mm]	D [mm]	ØE [mm]
0,5 - 2	200	80	20	26	12,5
5	236	80	30	26	21
10	280	80	39	52	28
20	337	106	47,5	52	37
25 - 30	353	106	47,5	52	48,5
50	480	180	85	80	71
100	630	200	106,5	115	101

Maximum scale interval	5000
Material	Stainless steel
Connection cable	4-wire shielded
Nominal temperature range	-30°C - +85°C
Protection class	IP67
Output signal	mV/V

References



Our EHP load cells and scales are used by the following companies:

			<p>and many more</p>

