

## Digital load cell QS-D

**Load cell QS** is one of the most popular models of load cells submitted by manufacturer KELI. It applies for railway and truck scales. The present model of load cells possesses advantages such as explosion safety, impact resistance and high accuracy.



### Digital load cells KELI QS-D

in their design have built-in analogue-digital transformer (ADT). Digital signal about weight is transmitted under RS-485 interface that permits to increase considerably distance between weighing platform and weighing indicator (up to 1000 m).

### Digital load cells have some advantages as compared with analogue models:

1. Digital technology protects equipment against fraudulent operations.
2. Unreceptive to external noise, pickup.
3. Continuous auto diagnostics of load cells.
4. Simplicity of maintenance and repair.
5. Possibility of removal of equipment up to 1 km.

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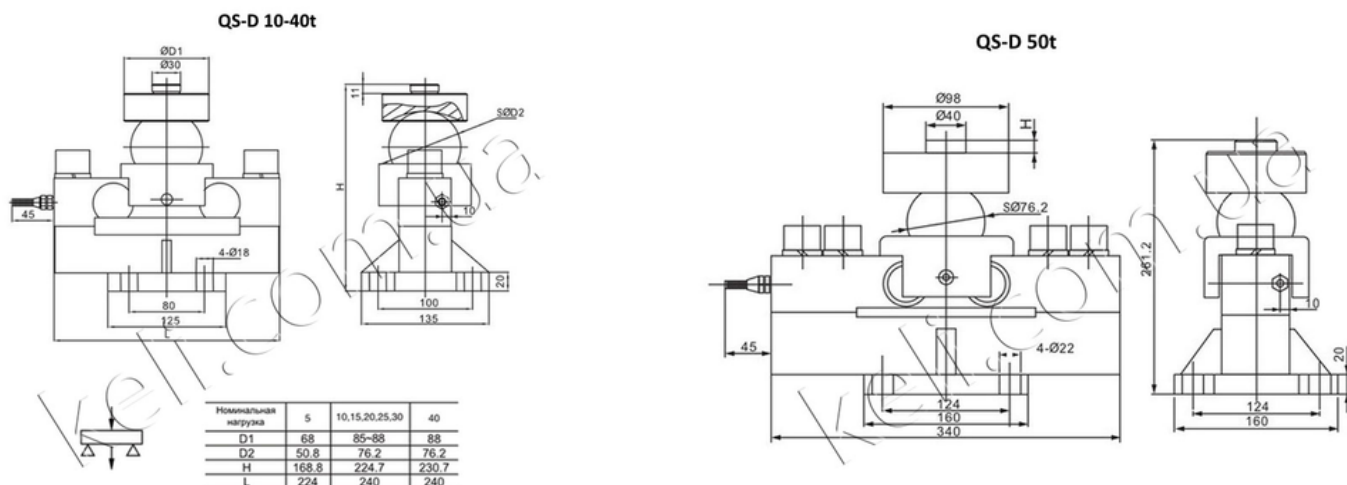


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## Digital load cell QS-D



### Engineering data:

Rated load (E <sub>max</sub> )	10t, 15t, 20t, 25t, 30t, 40t, 50t	Rated sensitivity (ISN)	500000
Accuracy class OIML R60	C3	Resolving capacity	60000
Update rate (Hz)	50	Baud rate (BPS)	9600
Creep (30min)	±0,02%/F.S.	Sensitivity temperature deviation	±0,02%/10°C
Total error	±0,02%/F.S.	Maximum permissible load	150% F.S.
Operating temperature range	-30+70°C	Breaking load	150% F.S.
Advisable voltage supply (V)	9-12	Maximum voltage supply (V)	20
Maximum transmission range (m)	1200	Protection class	IP68
Housing material	Alloyed steel -A / Stainless steel – SS		

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