



# ND2

## Product Details

### Weighingbridge Load Cell Double Ended Shear Beam Sensor ND2

The ND2 is a **weighingbridge load cell** for a wide capacity range for Truck Scale, Industrial weighing systems, Rail scale, Hopper scale, Road scale. **Dual shear beam load cell** is made with nickel plated of stable quality.

Item NO.: ND2

- Product Origin: China
- Capacities: 20-50t
- Material: Steel Alloy
- Dimension: 240\*136\*229.3mm;  
340\*160\*251.3mm
- Rated Output: 2.0mV/V
- Protection Class: IP67 / IP68

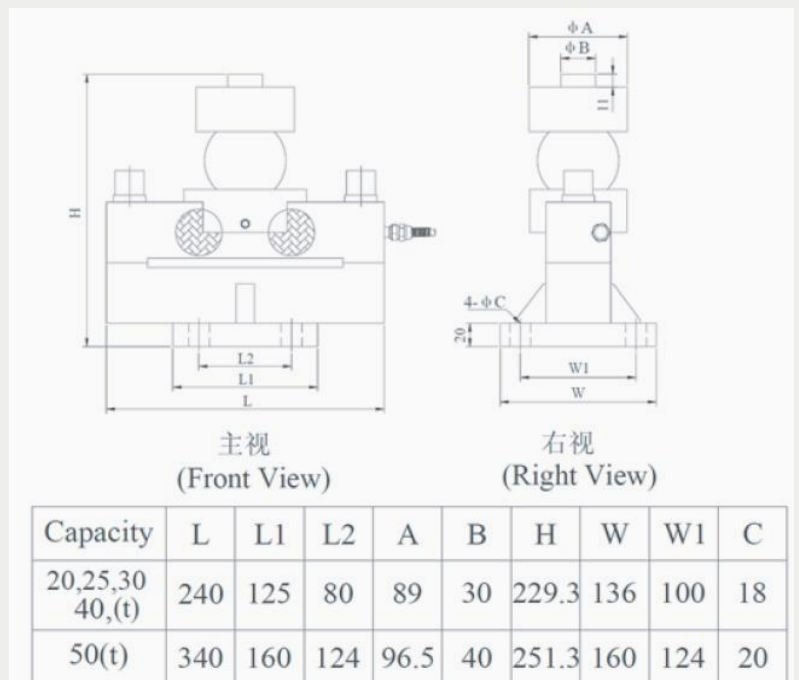
### Key Features

Double shear beam shaped  
Steel Alloy material with  
nickel plated  
Capacity: 20-50T  
Precision: 0.03%R.O  
Protection class: IP67/IP68  
Rated Output: 2.0 mV/V±0.25%

### Usage & Applications:

Truck scales  
Rail scales

### Dimension



## ND2 Specification

Rated Capacities	20 ,25 ,30 ,40 ,50( t )
Rated Output	2.0 mV/V±0.25%
Zero Balance	±0.0200 mV/V
Non-linearity	0.03 %R.O.
Hysteresis	0.03 %R.O.
Repeatability	0.03 %R.O.
30mins Creep	0.03 %R.O.
30mins Return	0.03 %R.O.
Safe Overload	150 %R.O.
Ultimate Overload	200 %R.O.
Temperature Effect On Output	0.002 %R.O./°C
Temperature Effect On Zero	0.003 %R.O./°C
Input Impedance	740±15 Ω
Output Impedance	700±5 Ω
Insulation Impedance	≥5000 MΩ/(50VDC)
Recommended Excitation	5~12 VDC
Maximum Excitation	15 VDC
OperatingTemperatureRange	-20~60 °C
Construction	Steel Alloy
Protection Class	IP67 / IP68
Cable	φ5×6m
Recommended Platform Size	
Mode of Connection	Red (EXC+), Black (EXC-), Green (SIG+),White SIG-