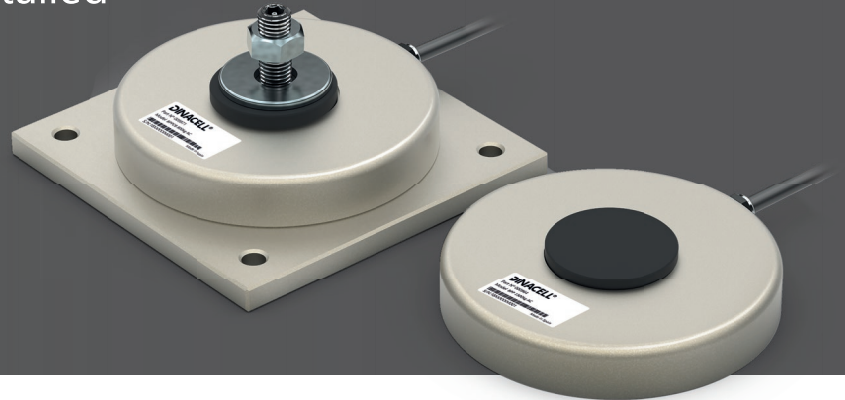


## BPP

Load cells designed to be installed under the motor bed frame



More information



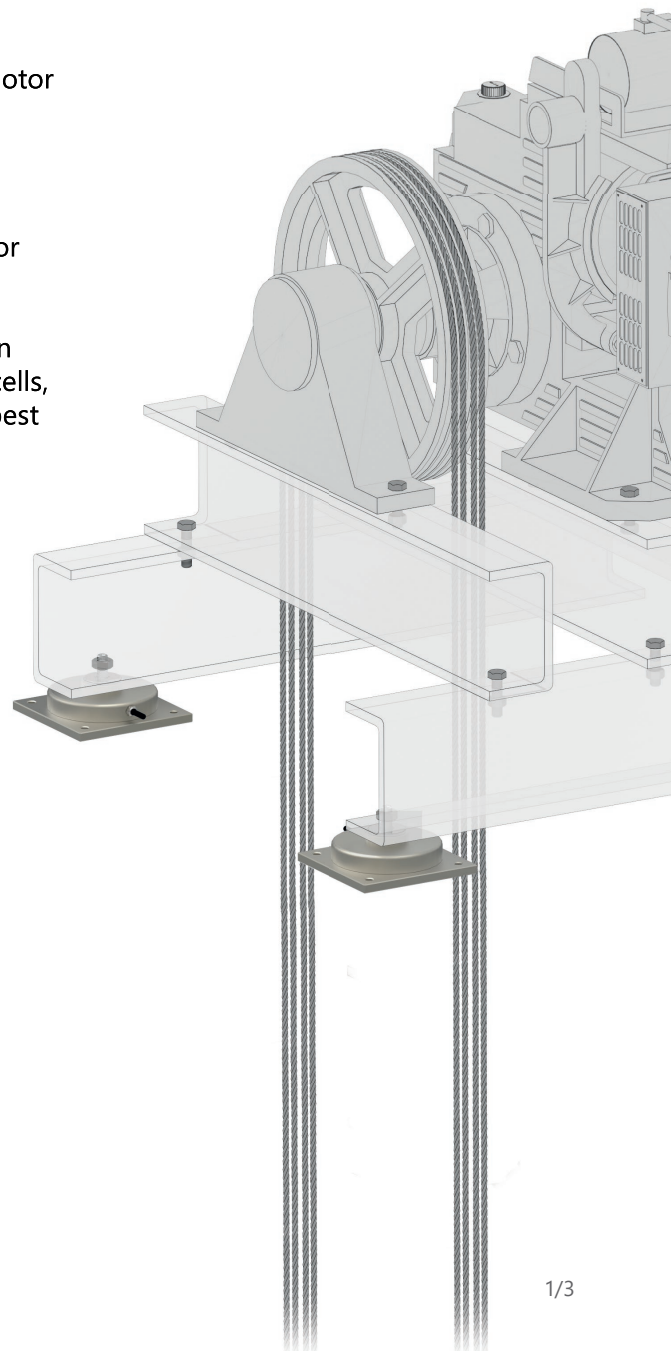
### BPP Compression load cell

The BPP load cell is specially designed to be installed under the motor bed frame.

Dinacell has developed two different variants:

- The BPP is installed supporting the motor weigh.
- The BPP-CB supports the motor weight and is bolted to the motor shaft.

The Load cells feature a silent-block, avoiding so possible vibration transmissions. We highly recommend installing at least two load cells, placed on the points with the highest pressure, obtaining so the best load weighing accuracy.

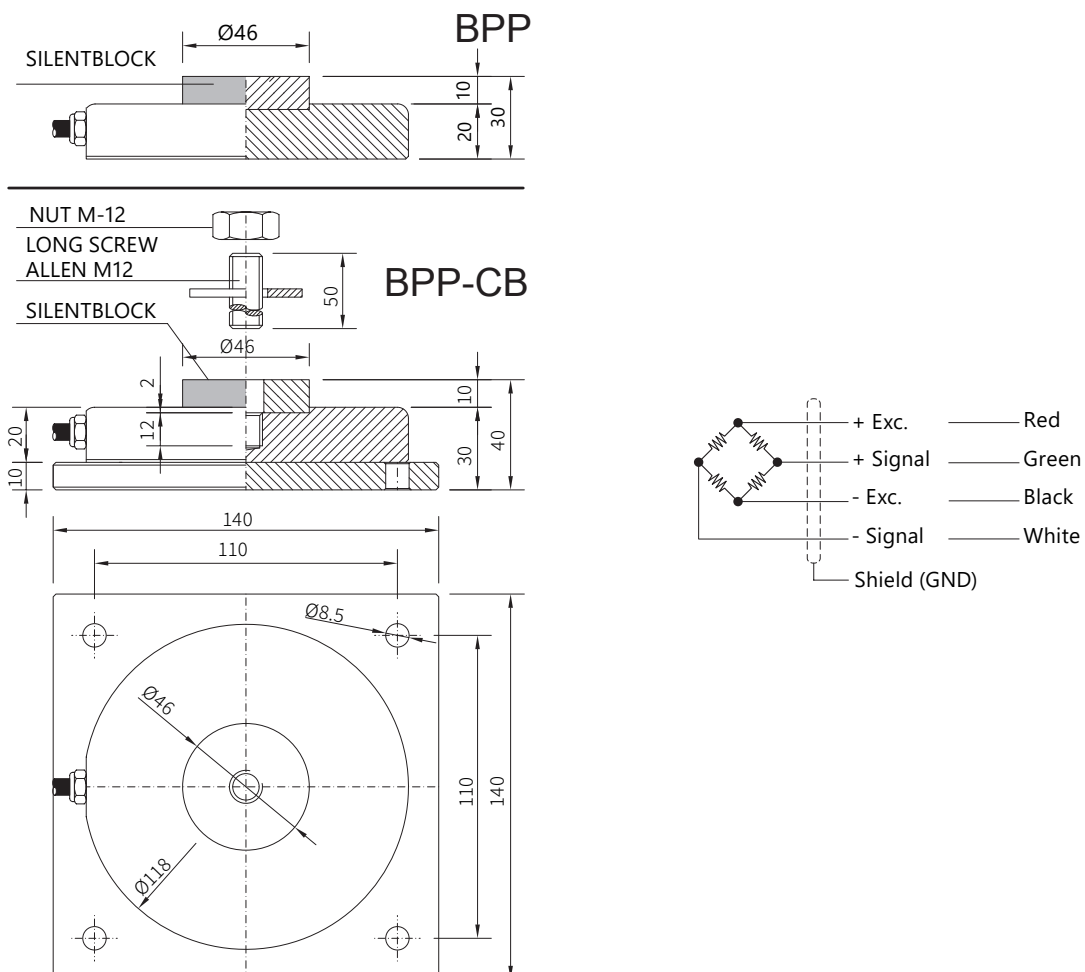




## Specifications

Parameter	Units	Specifications	
Model	-	BPP	BPP-CB
Nominal Load (N.L.)	t	1.5 / 3 / 5 / 6.5	
Nominal Sensibility (N.S.)	mV/V	1.4 ... 2.0	
Accuracy	-	0.2%	
Zero balance	mV/V	± 0.20	
Maximum excitation voltage	V	12	
Temperature range	Compensated	-10 ... +40 (+14 ... +104)	
	Operating	°C (°F)	-20 ... +60 (-4 ... +140)
	Storage		-20 ... +70 (-4 ... +154)
Min. Insulation resistance (V.Test = 100V)	GΩ	4	
Input resistance	Ω	350 ±3	
Output resistance	Ω	350 ±2	
Load limit	Safe	%N.L.	150
	Breaking		>300
Cable	Type	-	4 x 0.22mm <sup>2</sup> Ø6
	Standard length	m	4
	Material	-	Polyurethane (PU)
Sensor	Material	-	Alloy steel
	Surface treatment	-	Chemical nickel
Protection class	-	IP67	

## Dimensional drawings (mm) and wiring diagram





## Product Reference



Ref.	Nominal Load (N.L.)	Model
000964	1.5	BPP
000973	3	
000369	5	
001351	6.5	



Ref.	Nominal Load (N.L.)	Model
009841	1	BPP-CB
001906	1.5	
000987	3	
001018	5	
013141	6.5	

For more information

**[www.dinacell.com](http://www.dinacell.com)**

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