

# BCM single point load cell, 50kgf - 500kgf



## FEATURES

- NTEP III 5,000S approved (Handbook 44)
- OIML C3 approved (OIML R60)
- Off center compensated (OIML R76)
- Protection class IP65

## OPTIONS

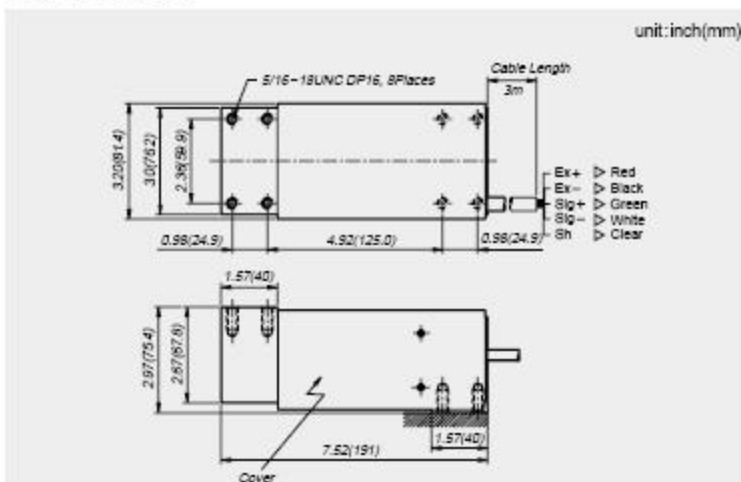
- NTEP III 5,000S approved (A5)
- OIML C3 approved (C3)
- 6-wires connection



## SPECIFICATIONS

Max. capacity	kgf	50, 75, 100, 150, 200, 300, 500	
Rated output	mV/V	2.0 ± 0.2	
Zero balance	mV/V	0 ± 0.1	
Accuracy class		D3	C3, A5
Combined error	%	0.03	0.02
Repeatability	%	0.01	0.01
Creep for 30 min.	%	0.03	0.017
Temperature effect on			
Zero Value	%/10°C	0.028	0.014
Output value	%/10°C	0.014	0.011
Excitation			
Recommended	V	10	
Maximum	V	15	
Resistance			
Input	Ω	400 ± 20	
Output	Ω	350 ± 3.5	
Insulation	MΩ	> 2,000	
Compensated temperature range	°C	-10 to +40	
Operating temperature range	°C	-20 to +70	

## DIMENSIONS



## Material

Anodized Aluminum

## Mounting

Socket-head cap screw 5/16 - 18UNC(10.9)  
Tightening torque: 29Nm

## Cable

Braided Shield 4-wire round cable  
with Urethane-Jacket

## Maximum Platform Size

600 × 600mm

## Ordering Information

BCM - XXXL - I

Capacity in kg