



# CHBS

## Bending Beam Load Cell (20kgf ~ 500kgf)

[www.ctaplus.com](http://www.ctaplus.com)

### FEATURE

- All stainless steel construction
- Industry standard size and shape
- Protection class IP67

### SPECIFICATION

MODEL	CHBS
Rated capacity (R.C.)	20, 50, 100, 200, 500 kgf
Rated output (R.O.)	$2.0 \pm 0.005$ mV/V
Zero balance	$0 \pm 0.2$ mV/V
Combined error	0.03% R.O.
Repeatability	0.01% R.O.
Creep for 30 min	0.03% R.O.
Temp. effect on zero value	0.028% / 10°C
Temp. effect on output value	0.015% / 10°C
Excitation recommended	10V DC
Excitation maximum	15V DC
Terminal resistance, input	$400 \pm 50\Omega$
Terminal resistance, output	$350 \pm 3.5\Omega$
Insulation resistance	$> 2000M\Omega @ 50V$ DC
Compensated temperature range	-10 to +40 °C
Operating temperature range	-20 to +70 °C



- ◆ Mounting  
Socket-head cap screw M8 x 1.25(10.9)  
Tightening torque : 29Nm
- ◆ Material  
Stainless steel
- ◆ Cable  
Braided shield 4-wire round cable  
with PVC-jacket

### DIMENSION

