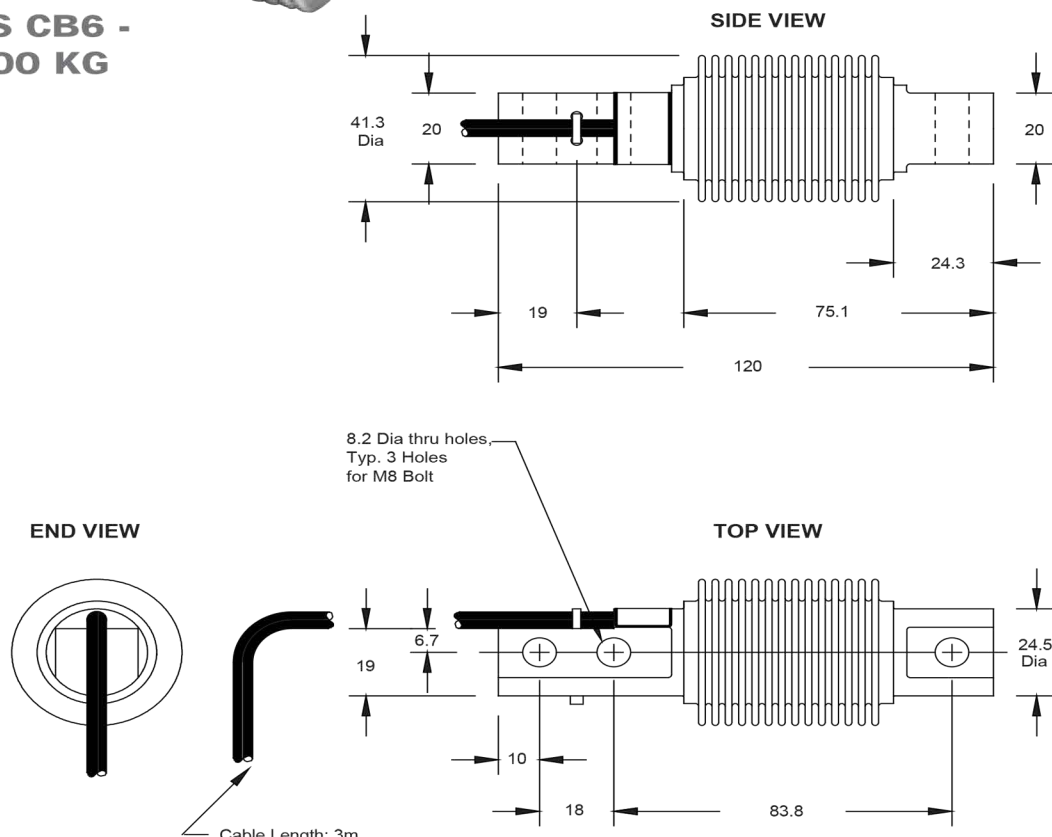


SERIES CB6 - SEALED BENDING BEAM MODELS



**MODELS CB6 -
10 to 200 KG**

- Capacities from 10 to 200 kg
- Excellent price-to-performance ratio
- Proven bending beam design
- Stainless steel construction
- NTEP and OIML CC
- Environmentally protected to IP 67



SPECIFICATIONS

Mechanical Data

Rated Capacity, (R.C.) E_{max}	10, 20, 50, 100 & 200 kg
Minimum Dead Load	0 kg
Safe Load Limit	150% R.C.
Ultimate Load	300% R.C.
Deflection at R.C.	0.2 to 0.64 mm
Spring Element Material	17-4 PH
Net Weight	0.4 kg

Certificate Data

Issuing Body	NTEP OIML
Certificate Number	96-091 R60/1991-DK-96.04
Accuracy Class	III C3
Maximum Number of Load	
Cell Intervals, n_{max}	4000 3000
Single/Multiple	S
Humidity Symbol	CH
Minimum Load Cell	
Verification Interval V_{min}	.001, .002, .005, .01, & .02 kg

Electrical Data

Rated Output	$2 \pm 0.1\%$ mV/V
Excitation Voltage, Recommended	10 VDC
Excitation Voltage, Maximum	15 VDC
Cable Length	3m
Terminal Resistance	
Excitation	400 ohms ± 7 ohms
Signal	350 ± 5 ohms
Zero Load Output	$\pm 1\%$ R.C.
Insulation Resistance	>5000 megohms at 50 VDC

Environmental Data

Temperature Compensation	
Range	-10° to +40°C
Operating Temperature Range	-29° to +93°C
Construction & Protection	
Code	CP-67 HU, IP67
Barometric Pressure Effect on Zero Load Output	<1 v (min)/1kPa

Color Code

+ Excitation	Green	- Signal	White
- Excitation	Black	+ Signal	Red