

## Model BCCU Series

Compression Load Cell (10t ~ 50t)  
Canister Type



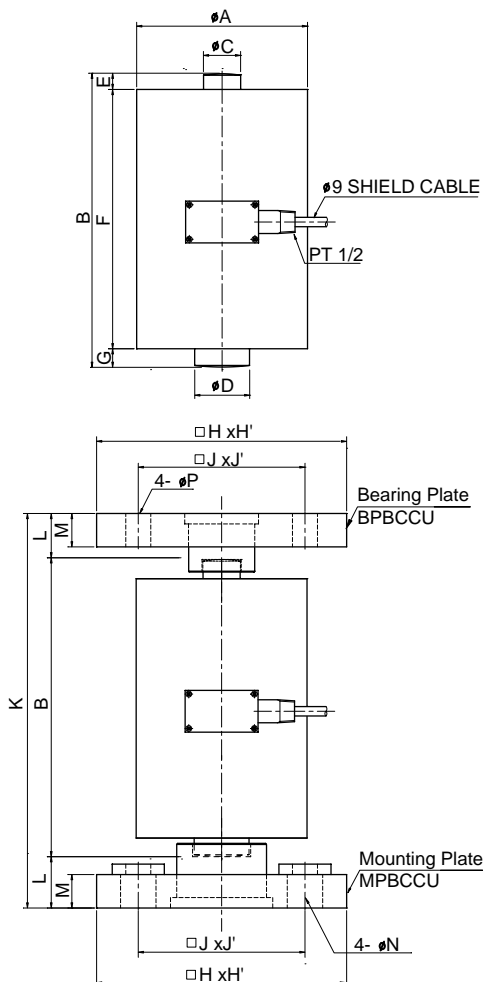
The BCCU series are designed for compression service only. They are ideal for applications where optimum precision is needed.

The BCCU series maintain their accuracy over a large range of temperature and withstand severe conditions such as moisture, dust and vibration.

- 0.02% High accuracy
- Double convex type
- Insensitive to side load
- High alloy steel construction

### SPECIFICATIONS

MODEL	BCCU
Rated capacity (R.C.)	10, 20, 30, 50t
Rated output (R.O.)	1.5mV/V ± 0.002%
Non-linearity	< 0.02% R.O.
Hysteresis	≤ 0.02% R.O.
Non-repeatability	≤ 0.02% R.O.
Creep error	≤ 0.02% in 20min.
Zero balance	≤ 1% R.O.
Compensated temperature range	-10 ~ 40 °C
Operating temperature range	-20 ~ 70 °C
Temp. effect on rated output	≤ 0.03% LOAD/10 °C
Temp. effect on zero balance	≤ 0.03% R.O./10 °C
Terminal input resistance	350 Ohms ±3.5 Ohms
Terminal output resistance	350 Ohms ±5 Ohms
Insulation resistance (Min.)	2000 MOhms at 50V DC
Excitation voltage	10V(Recommended), 15V(Maximum)
Electrical connection	∅ 9mmx5m(22AWG x 4Core Shielded)
Protection class	meets IP 67
Safe overload	150% R.C
Ultimate overload	300% R.C



### ORDERING INFORMATION

#### BCCU - 10T

MODEL	CAPACITY
BCCU	10,20,30,50t

### WIRING INFORMATION

RED : EXC. (+)	WHITE : EXC. (-)
GREEN : SIG. (+)	BLUE : SIG. (-)
BARE : GND	

Rated Capacity	A	B	C	D	E	F	G	H x H'	J x J'	K	L	M	N	P	Bearing Plate	Mounting Plate	Weight (Kg)
10t ( 98.07KN )	125	215	28	40	11	190	14	200 x 170	140 x 110	274	29.5	19	30	24	BPBCCU1	MPBCCU1	11.0
20t ( 196.1KN )	135	247	33	47	12	215	20	200 x 170	140 x 110	330	41.5	22	30	24	BPBCCU2	MPBCCU2	13.7
30t ( 294.2KN )	160	293	40	55	12	261	20	240 x 200	180 x 140	400	53.5	25	34	28	BPBCCU3	MPBCCU3	22.8
50t ( 490.3KN )	175	321	55	66	17	284	20	255 x 215	195 x 155	445	62	25	34	28	BPBCCU4	MPBCCU4	30.1

\* Specifications are subject to change without notice

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