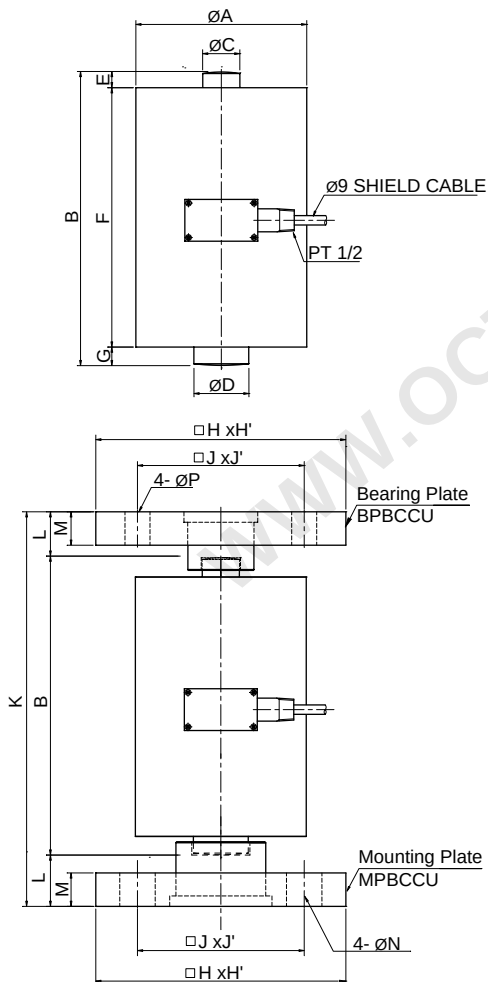


Model BCCU Series

Compression Load Cell (10t ~ 50t)



Dimension-mm

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

The BCCU series are hermetically sealed canister cells 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.

- Insensitive to side load
- Hermetically sealed
- High overload tolerance
- Robust high capacity design
- High alloy steel construction

SPECIFICATIONS

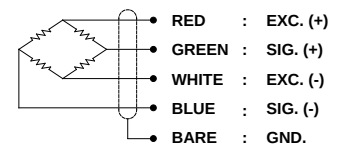
MODEL	BCCU
Rated capacity (R.C.)	10, 20, 30, 50t
Rated output(R.O.)	1.5mV/V $\pm$ 0.1%
Non-linearity	$\leq$ 0.02% R.O.
Hysteresis	$\leq$ 0.02% R.O.
Non-repeatability	$\leq$ 0.02% R.O.
Creep error	$\leq$ 0.02% in 20min.
Zero balance	1% R.O.
Compensated temperature range	-10 ~ 70°C
Operating temperature range	-20 ~ 80°C
Temp. effect on rated output	$\leq$ 0.02% LOAD/10°C
Temp. effect on zero balance	$\leq$ 0.02% R.O./10°C
Terminal input resistance	350 Ohms $\pm$ 3.5 Ohms
Terminal output resistance	350 Ohms $\pm$ 5 Ohms
Insulation resistance (Min.)	2000 MOhms at 50V DC
Excitation voltage	10V(Recommended), 15V(Max.)
Electrical connection	Ø9mmx5m(22AWG x 4Core Shielded)
Protection class	meets IP 67
Safe overload	150% R.C
Ultimate overload	300% R.C

ORDERING INFORMATION

BCCU - 20T

MODEL BCCU	CAPACITY 10, 20, 30, 50 t
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WIRING INFORMATION



* Specifications are subject to change without notice

DEC, 2005