

Model BCC5H Series

Compression Load Cell (10t ~ 300t)
Canister Type

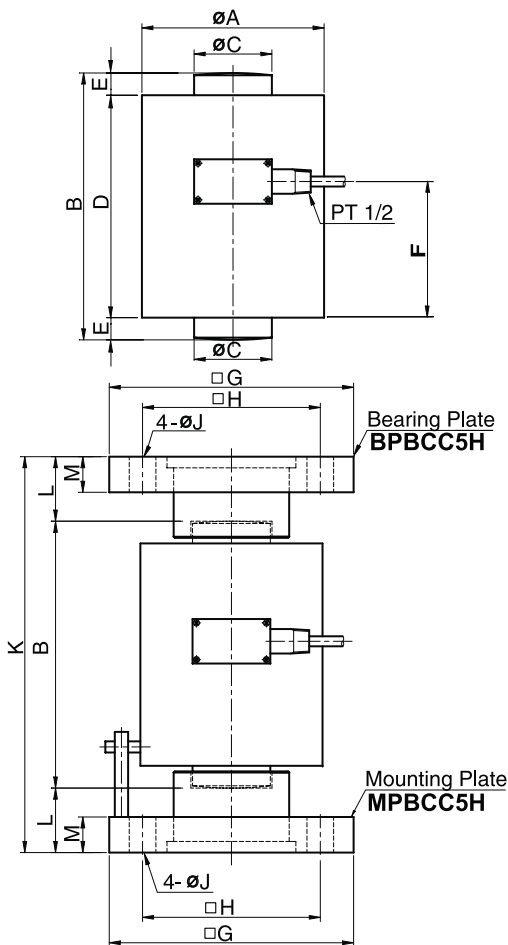


The BCC5H series are designed for heavy duty weighing applications, including hoppers, tanks, silos and high capacity scales.

- Insensitive to side load
- Double convex type
- Robust high capacity design
- High alloy steel construction

SPECIFICATIONS

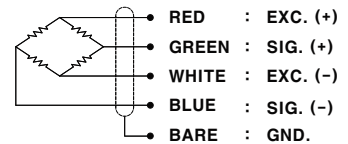
MODEL	BCC5H
Rated capacity (R.C.)	10, 20, 30, 50, 70, 100, 200, 300t
Rated output(R.O.)	2.0mV/V ± 0.2%
Load Cell Material	Painted alloy steel
Non-linearity	≤0.1% R.O.
Hysteresis	≤0.1% R.O.
Non-repeatability	≤0.05% R.O.
Creep error	≤0.03% in 20min.
Zero balance	≤1% R.O.
Compensated temperature range	-10 ~ 70°C
Operating temperature range	-20 ~ 80°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 ± 3 Ohms
Insulation resistance (Min.)	5000 MOhms at 50V DC
Excitation voltage	10V(Recommended), 15V(Max.)
Electrial connection	Ø9mmx5m(22AWG x 4Core Shielded)
Protection class	meets IP 67
Safe overload	150% R.C
Ultimate overload	300% R.C



ORDERING INFORMATION

BCC5H-	10T
MODEL BCC5H	CAPACITY 10, 20, 30, 50, 70, 100, 200, 300 ton

WIRING INFORMATION



Dimensions-mm

Rated Capacity	A	B	C	D	E	F	G	H	J	K	L	M	Bearing Plate	Mounting Plate	Weight (kg)
10t (98.07kN)	80	110	21	88	11	51	140x 130	100x 80	18	170	30	16	BPCC5H1	MPBCC5H1	9
20t (196.1kN)	90	115	30	93	11	54	140x 130	100x 80	18	175	30	19	BPCC5H2	MPBCC5H2	10
30t (294.2kN)	100	125	38	101	12	63	190x 170	130x 110	22	205	40	22	BPCC5H3	MPBCC5H3	16
50t (490.3kN)	125	155	49	125	15	87	200x 180	140x 120	22	255	50	25	BPCC5H4	MPBCC5H4	25
70t (686.5kN)	145	182	59	146	18	99	210x 190	150x 120	26	300	59	25	BPCC5H5	MPBCC5H5	34
100t (980.7kN)	175	200	70	160	20	102	240x 230	160x 160	26	340	70	32	BPCC5H6	MPBCC5H6	55
200t (1961kN)	230	275	99	225	25	153	340x 340	250x 250	39	494	109.5	45	BPCC5H7	MPBCC5H7	150
300t (2942kN)	270	340	119	282	29	189	410x 410	300x 300	45	600	130	55	BPCC5H8	MPBCC5H8	260

* Specifications are subject to change without notice

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