



Series CLCCTAS/CLCCTSS

Compression Load Cell (10t ~ 500t)
Canister Type

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



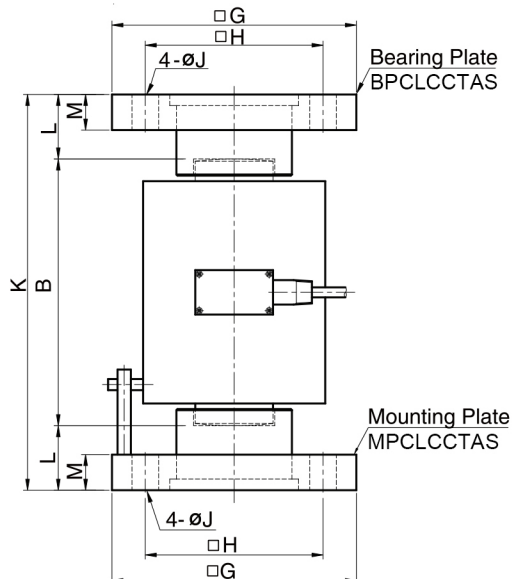
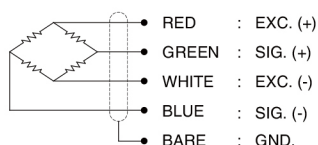
- Insensitive to side load
- Double convex type
- Robust high capacity design
- High alloy steel or 17-4PH stainless steel construction

ORDERING INFORMATION

CLCCTAS - 10T

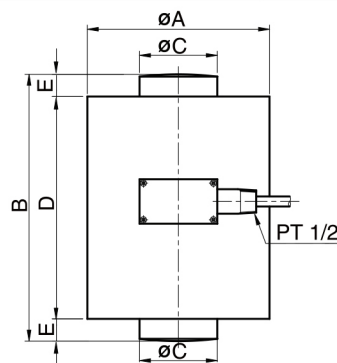
TYPE	CAPACITY
CLCCTAS	10, 20, 30, 50, 100,
CLCCTSS	200, 300, 500 ton

WIRING INFORMATION



SPECIFICATIONS

TYPE	CLCCTAS	CLCCTSS
Rated capacity (R.C.)	10, 20, 30, 50, 100, 200, 300, 500t	
Rated output(R.O.)	1.5mV/V $\pm$ 0.5%	
Load cell material	Painted alloy steel	17-4PH Stainless Steel
Non-linearity	$\leq$ 0.1% R.O.	
Hysteresis	$\leq$ 0.1% R.O.	
Non-repeatability	$\leq$ 0.05% R.O.	
Creep error	$\leq$ 0.05% in 20min.	
Zero balance	$\leq$ 1% R.O.	
Compensated temperature range	-10 ~ 70°C	
Operating temperature range	-20 ~ 80°C	
Temp. effect on rated output	$\leq$ 0.03% LOAD/10°C	
Temp. effect on zero balance	$\leq$ 0.03% 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	$\varnothing$ 9mmx5m(22AWG x 4Core Shielded)	
Protection class	meets IP 67	
Safe overload	150% R.C	
Ultimate overload	300% R.C	



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)	88	120	28	90	15	116	140	100	18	180	30	19	BPCLCCTAS1	MPCLCCTAS1	7.8
20t (196.1kN)	88	120	33	90	15	116	140	100	18	190	35	22	BPCLCCTAS2	MPCLCCTAS2	9.6
30t (294.2kN)	112	140	40	110	15	140	200	150	23	220	40	25	BPCLCCTAS3	MPCLCCTAS3	20.2
50t (490.3kN)	138	180	50	140	20	166	200	150	23	280	50	25	BPCLCCTAS4	MPCLCCTAS4	24.5
100t (980.7kN)	164	240	70	200	20	192	220	160	27	356	58	32	BPCLCCTAS5	MPCLCCTAS5	42.7
200t (1961kN)	215	260	100	210	25	243	280	220	39	396	68	40	BPCLCCTAS6	MPCLCCTAS6	86.4
300t (2942kN)	215	340	120	290	25	243	300	220	45	492	76	50	BPCLCCTAS7	MPCLCCTAS7	130.0
500t (4903kN)	265	390	155	330	30	293	380	280	50	568	89	65	BPCLCCTAS8	MPCLCCTAS8	253.1

* Specifications are subject to change without notice

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