

Type BR200S is a low profile, high performance stainless steel ring torsion type load cell with complete hermetic sealing.

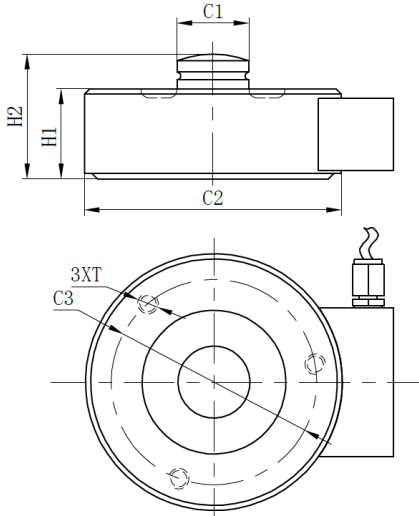
It has a wide capacity range and is a perfect fit for use in harsh industrial environments found in the food, chemical and allied process industries.

Key features;

- Capacities; 5 ,10,15 and 20 t
- OIML R60 Approved (Except 5t)
- Low profile
- Standard stainless steel construction
- Hermetically sealed, IP68 protection

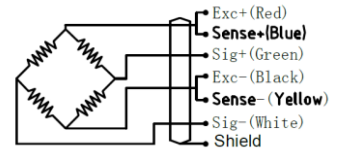


Dimensions (mm);



Capacity	C1	C2	C3	H1	H2	T
5-10 t	22	82	65	32	44	M6
15-20 t	28	100	80	35	49.5	M8

Wiring Schematic Diagram



Technical specifications;

Maximum capacity (E _{max})	t	5	10 / 15 / 20
Accuracy class according to OIML R60		(GP)	C3
Output sensitivity (R _O)	mV/V		2.0 ± 0.005
Maximum number of verification intervals (nLC)		Non Approved (Typical 80% utilization)	3000
Minimum load cell verification interval (Y = E _{max} /V _{min})			8000
Fraction p _c			0.7
Temperature effect on zero	%R _O / 10°C		0.0175
Temperature effect on sensitivity	%R _O / 10°C		0.0175
Combined Error	% R _O	≤ +/-0.05	± 0.0200
Safe load limit	% E _{max}		150
Ultimate load	% E _{max}		200
Zero balance	% R _O		< ± 1
Zero Return, 30 min.	% R _O		± 0.017
Excitation ,recommended	V DC		5 - 12
Excitation , maximum	V DC		15
Input resistance	Ω		400 ± 20
Output resistance	Ω		352 ± 3
Insulation impedance	MΩ		≥ 5000
Temperature range , compensated	°C		- 10 ... + 40
Temperature range , operating	°C		- 30 ... + 70
Construction			Stainless Stel
Protection class			IP68 , Hermetically welded
Cable			Length 6 m /dia. 5 mm

(Properties are subject to change without notification. 12 / 2017)