

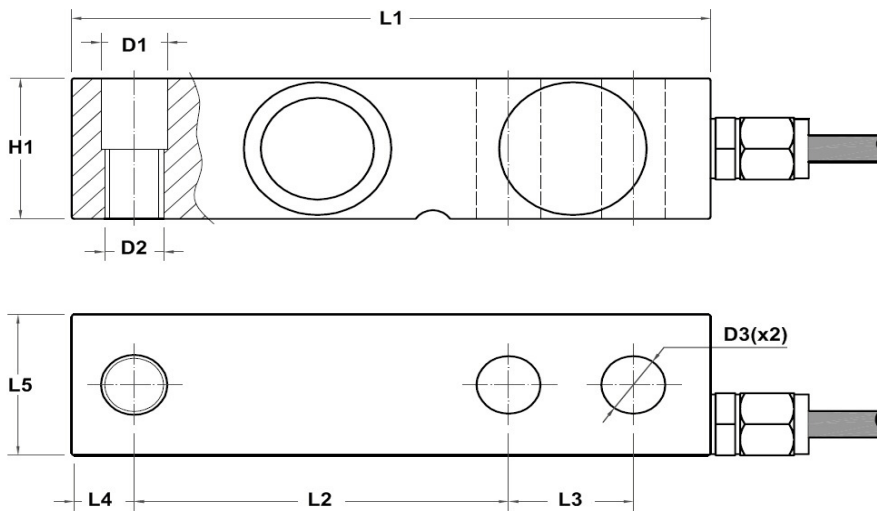
Type BS063 is an alloy steel construction shear beam type loadcell. It is easy for installation, suitable for wide range of industrial applications such as electronic platform scales, hopper / tank scales and weighing devices.



Key features;

- Capacities; 250 kg ~ 5 tons
- Alloy steel construction
- Low profile and nice exterior
- Protection IP68
- OIML approval

Dimensions (mm);



	0.25~2 t	3~5 t
L1	130	171.5
L2	76.2	95.3
L3	25.4	38.1
L4	12.7	19
L5	31.8	38.1
D1	Φ 13.5	Φ 20
D2	M12	M18
D3	Φ 12	Φ 20
H1	31.8	38.1

Color codes;

+input	blue
+output	white
-input	black
-output	red
shield	yellow

Technical specifications;

Capacity	ton	0.25 / 0.5 / 1 / 1.5 / 2 / 3 / 5
Output sensitivity	mV / V	2.0 ± 0.002 (0.25t); 3.0 ± 0.003 (0.5~5t)
Temperature effect on zero	%FS / 10°C	≤ 0.02
Temperature effect on sensitivity	%FS / 10°C	≤ 0.01
Combined error	%FS	≤ 0.02
Creep	%FS	≤ 0.02
Input resistance	Ω	400 ± 10
Output resistance	Ω	352 ± 3
Insulation resistance	MΩ	≥ 5000
Zero balance	%FS	≤ 1
Temperature, operating	°C	-30...+70
Excitation, Recommended	V	5 - 12 (DC)
Excitation, Maximum	V	15 (DC)
Safe overload	%FS	150
Ultimate overload	%FS	200
Construction		Steel
Environmental protection		IP68; IP67 (250 kg)
Cable		Length 3 m , diameter 6 mm

(Properties are subject to change without notification. 01 / 2009)