



DESCRIPTION:-

These are low profile compression loadcells used in applications where there is a space constraint. The point of loading is slightly radiused so that the loading could have slight angular misalignment. These load cells are preferred with a slight trade off in accuracy in applications where space (height) is a premium.

APPLICATIONS:-

Automotive Testing, Force Measurement application, testing machines and Special Equipments.

SPECIFICATIONS:-

PARAMETERS	SPECIFIED VALUE
Type	Button
Capacity (Tons)	0.5-10
Rated Output (mV/ V) ± 0.01	2
Accuracy (% of FS) \pm	0.5
Zero Balance Voltage (% of FSO)	0.002
In-put resistance (Ohms) ± 10	390
Out-put resistance(Ohms) ± 2	350
Compensated Temp.Range ($^{\circ}$ C)	5-55
Operating Temp. ($^{\circ}$ C)	5-70
Temp.Effect on Span (%/ $^{\circ}$ C)	0.1
Temp.Effect on Tare (%/ $^{\circ}$ C)	0.1
Excitation Voltage (DC 12 V Max)	10
Safe Overload (%)	150
Ultimate Overload (%)	200
Protection Class	IP-67
Insulation Resistance Bridge(Ohms)	>1000 M
Cable	4 Core Shielded Cable 5 Mtrs

OUTER DIMENSIONS in mm:-

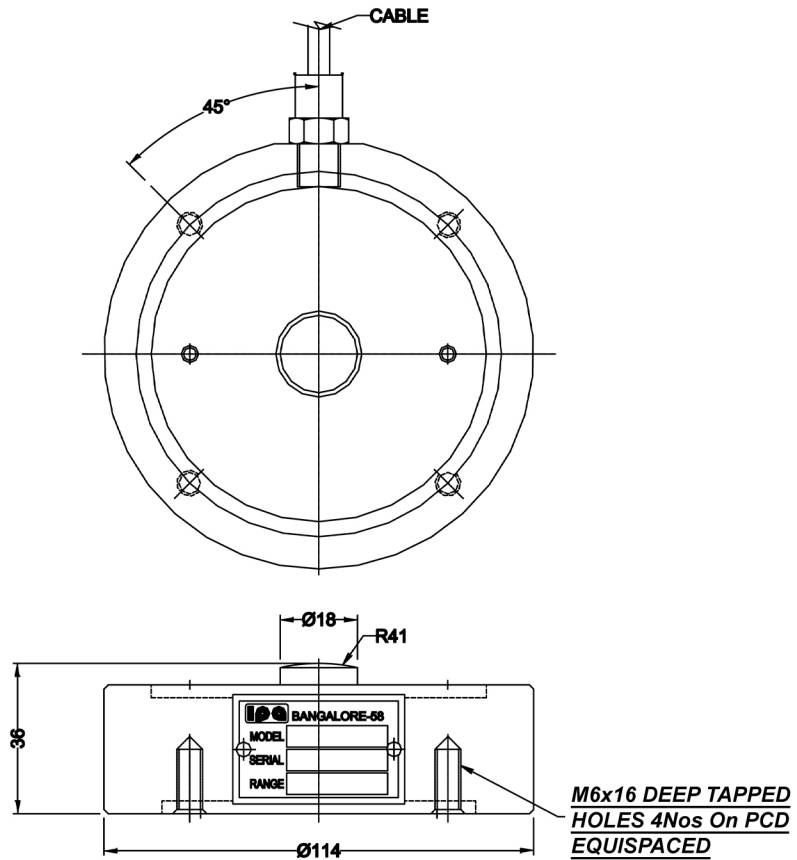
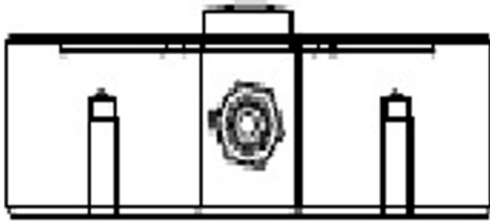
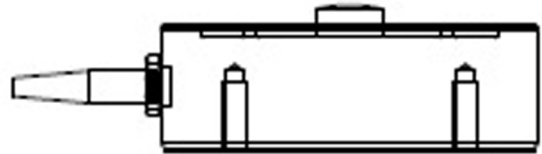


TABLE:-

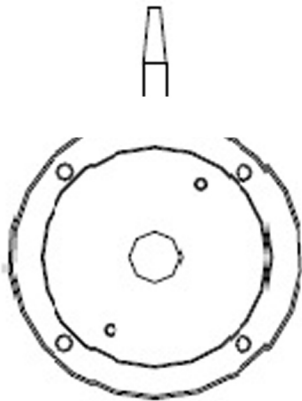
CAPACITY (TON)	MODEL NO
0.5	BT052H9
1.0	BT013H9
2.0	BT023H9
2.5	BT252H9
5.0	BT053H9
10.0	BT014H9



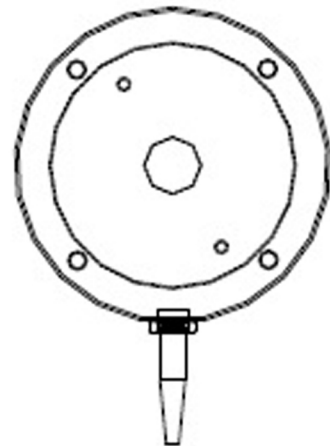
FRONT VIEW



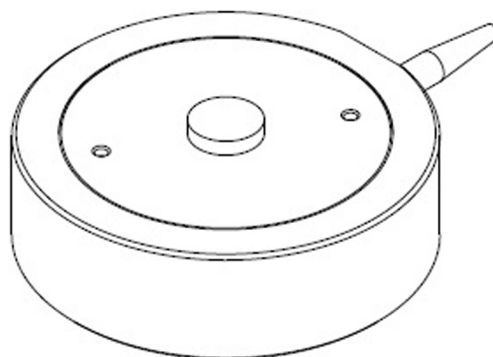
SIDE VIEW



TOP VIEW



BOTTOM VIEW



BUTTON LOADCELL