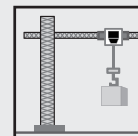
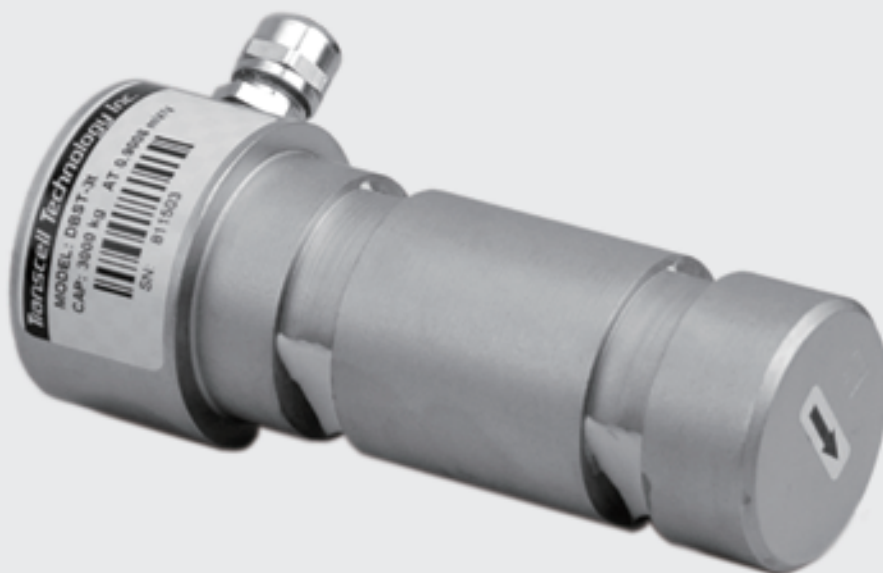
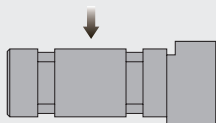


Type DBST Load Cell

3t



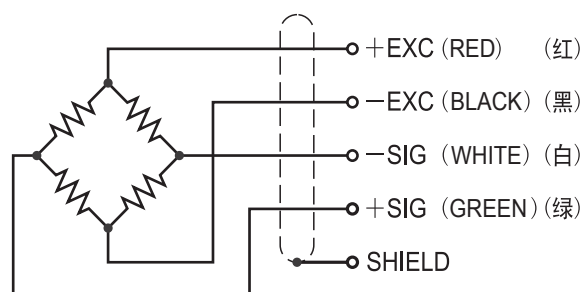
Double Ended
Shear Beam

Features 主要特点

- Double ended shear beam load cell
- Senior alloy steel
- High accuracy
- High stability
- High protection class
- Easy to install
- Use in tough industrial environment
- Suitable for every kinds of safe limiter
- 双剪切梁式
- 优质合金钢材质
- 高精度
- 高稳定性
- 高保护等级
- 安装简便、快速
- 可用于恶劣的工业环境
- 适用于各种过载保护装置

Schematic 接线方式

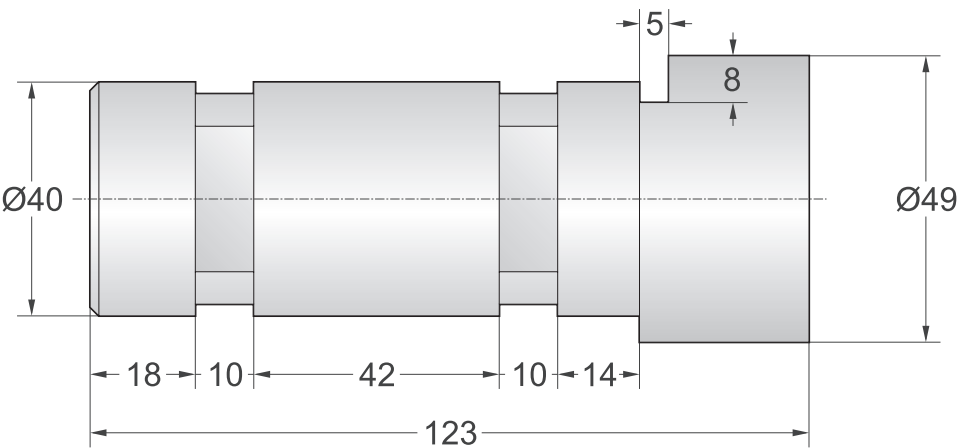
Red :	+ input	红色 :	+ 激励
Black :	- input	黑色 :	- 激励
Green :	+ output	绿色 :	+ 信号
White :	- output	白色 :	- 信号



Capacities 量程

3t

Dimensions 尺寸



Dimensions in mm

Specification 技术参数

Rated Output	额定输出	1.0mV/V $\pm 1\%$
Zero Balance	零点平衡	$\pm 1\%$ of rated output
Creep after 30 minutes	蠕变	$\pm 0.2\%$ of rated output
Nonlinearity	非线性	$\pm 0.5\%$ of rated output
Hysteresis	滞后	$\pm 0.5\%$ of rated output
Repeatability	重复性	$\pm 0.5\%$ of rated output
Temp. effect on output	灵敏度温漂	$\leq 0.02\%$ of applied output/ $^{\circ}\text{C}$
Temp. effect on zero	零点温漂	$\leq 0.02\%$ of rated output/ $^{\circ}\text{C}$
Safe Temp. Range	可用温度范围	-10°C to $+70^{\circ}\text{C}$
Temp. Compensated	温度补偿范围	-10°C to $+40^{\circ}\text{C}$
Safe Overload	安全载荷	150%
Ultimate Overload	极限载荷	200%
Input Impedance	输入阻抗	775 ohm ± 20 ohm
Output Impedance	输出阻抗	700 ohm ± 5 ohm
Insulation Resistance	绝缘阻抗	≥ 5000 M ohm (50V DC)
Rated Excitation	推荐激励电压	10V DC/AC
Maximum Excitation	最大激励电压	15V DC/AC
Cable Length	导线长度	6m
Cable Color Code	导线颜色	Red(+ E) Black(- E) Green(+ S) White(- S)

Double Ended
Shear Beam